



BMS COLLEGE OF ENGINEERING, BENGALURU-19
BOARD OF GOVERNORS (BOG)

Minutes of 60th Meeting

September 2, 2015

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MEMBERS PRESENT:

1. Dr.P.Dayananda Pai	Chairman
2. Dr.B.S.Ragini Narayan	Member
3. Sri.K.Jairaj, IAS (Retd)	Member
4. Dr.G.N. Sekhar	Member
5. Dr.Ravishankar Deekshit	Member
6. Sri.M.Krishnaswamy	Member
7. Dr.D.Thukaram	Member
8. Dr.A.Sridharan	Special Invitee
9. Dr.Lawrence Jenkins	Special Invitee
10. Dr.K.Mallikharjuna Babu	Member-Secretary

Invitee(s)

11. Dr.H.S.Jagadeesh	Invitee
12. Dr.S.Venkateshwaran	Invitee
13. Dr.Mohan Babu	Invitee
14. Dr.L.Ravikumar	Faculty Invitee
15. Sri.Panchakshari	Invitee
16. Col.(Retd.) Arun Bhandarkar	Invitee
17. Col.(Retd.) K.V.N.Swamy	Invitee

LEAVE OF ABSENCE:

1. Sri.H.U.Talawar	Member
2. Prof.Nirmal Singh Sehra	Member
3. Dr.Rudra Naik	Faculty Invitee

The Chairman, BOG, extended a cordial welcome to all the Members & Invitees to the meeting.

The Member-Secretary introduced the student representatives invited to the Meeting. The student representatives were then asked to share their views on related issues.



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In the interaction that followed, the students expressed their overall satisfaction with the quality of their learning and facilities. The students also shared the following requirement/concerns for consideration and further improvement:

- Timely announcement of results particularly with regard to makeup examination to ensure that the students are not deprived of placement opportunities.
- Students from Computer Science opined that the departments should share the outcome of workshops conducted for the benefit of all students.
- The hostelites requested for improvement in quality of food served at the hostels and for providing improved the Wi-Fi facility at the hostels. The hostelites also expressed that the wardens need to be more co-operative and show more concern for the problems faced by inmates.

The Board informed the Member-Secretary to look into the above suggestions and issue necessary instructions to the concerned. While on the subject, the Board also directed the Member-Secretary to obtain feedback on the performance of hostel wardens as is being gathered to ascertain teachers' performance.

The Board thanked the student representatives for their suggestions.

Section 1: ITEMS FOR CONFIRMATION

1.1 CONFIRMATION OF THE MINUTES OF THE 58TH & 59TH BOG MEETING HELD ON 8TH APRIL 2015

The minutes of the 58th & 59th meetings of the Board of Governors (BOG) held on 8th April 2015 were confirmed.



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Section 2: ACTION TAKEN REPORT

2.1 TO NOTE THE ACTION TAKEN ON THE DECISIONS / RESOLUTIONS OF THE 58th & 59th BOG MEETINGS HELD ON APRIL 8, 2015

The BOG noted the Action Taken Report of the 58th & 59th meetings of BOG held on April 8, 2015 and approved.

Section 3: COLLEGE REPORT

3.1 REPORT OF THE ACADEMIC ACTIVITIES OF THE COLLEGE

The Board noted and appreciated the report on academic and other activities for the period from April 2015 to July 2015 presented by the Member-Secretary (report shown at *Annexure-I*).

Section 4: INFORMATION ITEMS

4.1 REPORT REGARDING EXTENSION OF AUTONOMOUS STATUS

The BOG noted that VTU has recommended for extension of Academic Autonomy for BMSCE to the University Grants Commission (UGC) through its letter dated 08.05.2015. The BOG also took note of the letter dated 07.07.2015 by the Joint Secretary, UGC, conveying constitution of Expert Committee to evaluate the performance and academic attainments for the extension of Autonomous Status (for the period from 2014-2015 to 2019-2020). The date of the visit is yet to be intimated by the UGC Expert Committee.

4.2 REPORT REGARDING HOSTING OF SEVEN INTERNATIONAL CONFERENCES IN THE COLLEGE

The Member-Secretary apprised the BOG that out of seven international conferences scheduled to be held during the year 2015 to commemorate seventy years celebrations of BMSCE, four have been successfully conducted and preparations for the remaining three are underway.



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Report on Conferences held so far:

1. January 2015 (First of seven Conferences)

- The first International Conference - “**Transformations in Engineering Education (ICTIEE – 2015)**” was conducted from January 4-8, 2015. The matter was presented to the Board by the Conference Coordinators in the 58th BOG meeting held on 08.04.2015. The report (in digital form) was also circulated to the members through email. The Conference video was presented to the Board during the meeting.

2. April 2015 (Second of seven Conferences)

- The second International Conference - “**Micro Perspectives for Decentralized Energy Supply (MES 2015)**” was conducted from April 23-25, 2015. The Conference Coordinator, Dr.K.R.Suresh (Professor of Civil Engineering) presented a brief report on the Conference [MES 2015], its outcomes and future engagement with the organizers. The Board also noted the print copy of the report.

3. June 2015 (Third of seven Conferences)

- The third International Conference - “**IEEE International Advance Computing Conference (IACC 2015)**” was conducted during June 12-13, 2015. The Conference Coordinator, Dr.K.R.Radhika (Professor of Information Science Engineering) presented a brief report on the Conference [IACC 2015] its outcomes and future activities. The Board also noted the print copy of the report.

4. July 2015 (Fourth of seven Conferences)

- The fourth International Conference - “**Predictive and Preventive Health Technologies b-eCare 2015**” was held during July 25-28, 2015. The Conference Coordinator, Dr.H.N.Suma (Professor & HOD of Medical Electronics) presented a brief report on the Conference, its outcomes and future activities. The Board also noted the print copy of the report.



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Update on the upcoming (three) Conferences:

The Member-secretary brought to the notice of the members that all necessary preparations are being made with regard to conduction of remaining three upcoming international conferences.

5. November 2015

International Conference on **Business Ecosystem-Issues, Challenges and Opportunities** is scheduled from November 5-6, 2015

6. November 2015

International Conference on Technologies for **Sustainable Social Innovation** is scheduled from November 8-9, 2015

7. January 2016

International Conference on **role of creativity in higher education** in association with India Platform is tentatively scheduled during January 2016.

While on the subject, the Chairman, BOG, expressed satisfaction over the conduction of the Conferences. He further informed the Board that all the four conferences were conducted by raising sponsorship from industry and other stakeholders and through self-financing (registration fee) inspite of the Trust offering to allocate necessary funds.

While on the subject, the Member-Secretary thanked the Management for hosting the Conference dinner for all the four Conferences. He also thanked the Board for their support and guidance in successfully conducting these Conferences.

The BOG appreciated the efforts put in by the principal, faculty, staff, students and patrons and all the stakeholders.



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4.3 REPORT ON THIRD GRADUATION DAY HELD ON 26.07.2015

The BOG appreciated the report on the Third Graduation Day for awarding Degrees to the third autonomous batch of Engineering Graduates (2010-2014) and the second autonomous batch of Architecture Graduates (2009-2014). The Report is shown at *Annexure-II*.

4.4 MELTON FOUNDATION-GLOBAL CITIZENSHIP CELEBRATIONS 2015

The Member-Secretary brought to the notice of the BOG the activities of Melton Foundation. He also informed that the next Global Citizenship Conference (GCC) is being held from 14-21 September 2015 at the Zhejiang University in Hangzhou, China.

The Board then interacted with the Melton Fellows Mr.Mourya, Mr.Paritosh, Mr.Shabarish, Mr.Akshay, Ms.Riya, Ms.Nidhi (BMSIT) Mr.Akshath Karanam, Ms.Ashitha Nayak and Mr.Mandeep Singh and the Task Team Member Dr.Mamatha P Raj, Dean (Architecture). While on the subject, the Member-Secretary informed the members that Dr.Mamatha P Raj, Dean (Architecture) will be attending the GCC 2015.

The BOG noted the activities of the Melton Foundation and the GCC 2015.

4.5 ADMISSIONS UNDER QIP TO PhD FOR THE ACADEMIC YEAR 2015-16 AT BMSCE

The Member-Secretary apprised the BOG that BMSCE has been recognized as Minor QIP Centre by AICTE from 2012-13 to offer PhD programme in Civil, Mechanical, Electrical, Electronics and Industrial Engineering & Management with a sanctioned intake of two seats in each of the Department. The AICTE has also approved to offer M.Tech. (Machine Design) programme in the department of Mechanical Engineering with a sanctioned quota of two seats under QIP. So far one student has completed M.Tech. (Machine Design) and one student has been enrolled for PhD in Industrial Engineering & Management.



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For the current academic year, QIP, IITK has recommended one candidate each in the Departments of Electrical and Electronics Engineering for advance admission to PhD for 2015-16.

4.6 PROCUREMENT OF PLAGIARISM CHECK SOFTWARE “TURN-IT-ON” TO CURB PLAGIARISM IN RESEARCH (UG, PG & PhD PROJECTS / THESIS)

The BOG was informed that a Plagiarism check software has been procured to conform that global practices to curb plagiarism in Research (UG, PG, & PhD Project/Thesis) are being adhered to. The BOG also took note that hereinafter all the Research / Project Reports of UG, PG, & PhD will be processed only after performing the plagiarism check. The implementation of plagiarism check of all the Research / Project Reports of UG, PG, & PhD shall be the responsibility of the concerned Head of the Department.

The Board directed the Member-Secretary to issue a circular to this effect and ensure its apt compliance.

4.7 STATUS REPORT ON THE STRATEGIC PLANNING

The Member-Secretary made a power point presentation on the status of implementation of Strategic Planning for the period from [April 2015 to August 2015]. The Member-Secretary also apprised that steps have been initiated to revise the short term planning both at the department and institute levels and the same is expected to complete by December 2015. The Board noted the progress towards the implementation of Strategic plan (status report enclosed at *Annexure-III*) and expressed its satisfaction.

Section 5: ITEMS FOR RATIFICATION

5.1 APPOINTMENTS MADE TO TEACHING POSITIONS

The Board ratified the appointments made to teaching positions (Professor/Associate Professor/Assistant Professor - listed at *Annexure-IV*) as recommended by the Board of Appointments (BOA)/Chairman, BOG.

Handwritten signature in blue ink



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5.2 APPOINTMENTS MADE TO NON-TEACHING POSITIONS

The Board ratified the appointments made to various non-teaching positions (Listed at *Annexure-V*) as recommended by the Board of Appointments (BOA) /Chairman, BOG.

5.3 IMPLEMENTATION OF DEARNESS ALLOWANCE FOR THE NON-TEACHING EMPLOYEES UNDER STATE SCALES OF PAY

The Board approved the implementation of Dearness Allowance to the non-teaching staff members (both Aided and Management) in the revised pay scales 2012 (State Scale of Pay) from the existing 25.25% to 28.75% of the basic pay w.e.f. 01.01.2015 (GO No.FD 11 SRP 2015 dated 24.04.2015). The Board also noted the total DA arrears of Rs.5,09,288/- was disbursed.

The details are as shown below:

SNo	Account Head	Number of Employees	Difference Per Month	Arrears of DA Period from July 2014 to October 2014
1	Grant-in-Aid (15% Mgt. Share)	80	7,584.00	2,02,000
2	Management	126	66,822	2,67,288
3	P.G.	20	10,000	40,000
TOTAL		226	84,406	5,09,288

5.4 IMPLEMENTATION OF DEARNESS ALLOWANCE FOR FACULTY UNDER AICTE SCALES OF PAY

The Board approved the implementation of Dearness Allowance to the Teaching Staff members (both Aided and Management) who are on AICTE Scales of pay from the existing 107% to 113% of the basic pay w.e.f. 01.01.2015 (GO No.FD 12 SRP 2015 dated 08.05.2015). The Board also noted the total DA arrears of Rs.37,51,940/- was disbursed.



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The details are as shown below:

SNo	Account Head	Number of Employees	Difference Per Month	Arrears of DA Period from July 2014 to October 2014
1	Grant-in-Aid (15% Mgmt. Share)	75	37,000	11,50,000
2	Management	192	4,12,388	20,61,940
3	PG	40	1,07,920	5,40,000
TOTAL		307	5,57,308	37,51,940

5.5 ENHANCEMENT OF REIMBURSEMENT OF EDUCATION AID TO THE WARDS OF NON-TEACHING STAFF

The Member-Secretary apprised the BOG that the Management is providing educational aid for one child of non-teaching staff of all BMS Institutions. Last year the Educational Aid was Rs.5,000/- per annum and now the Chairman, BOG, approved (dated 03.08.2015) to revise the Educational Aid from Rs.5,000/- to Rs.10,000/- per annum for one child of non-teaching staff from the academic year 2015-16. The Board appreciated the generous decision of the Management in providing educational aid to the children of non-teaching staff of all BMS Institutions. The Board also noted that a total of 107 non-teaching staff members of BMSCE benefited under this scheme as on date. While ratifying the decision of the Management, the Board stated that an employee is eligible for one benefit only.

Section 6: ITEMS FOR APPROVAL

6.1 MINUTES OF THE EIGHTH & NINTH MEETINGS OF THE ACADEMIC COUNCIL HELD ON 29.04.2015 & 26.06.2015

The minutes of the eighth & ninth meetings of the Academic Council held on 29.04.2015 & 26.06.2015 were circulated to the members through email and also a hard copy was submitted for perusal of the Members. After detailed deliberations, the Board approved and ratified the minutes. The BOG noted that the minutes are also being uploaded on the College website.



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6.2 MINUTES OF THE MEETING OF THE SUB-COMMITTEE OF BOG OF TEQIP PHASE-II AND THE REPORT ON THE ACTIVITIES OF TEQIP PHASE II

The Vice-Principal and the TEQIP Coordinator-I presented a brief report on activities of TEQIP Phase II. The minutes of the fifteenth & sixteenth meetings of the Sub-committee of BOG of TEQIP Phase II held on 11.07.2015 & 26.08.2015 were ratified and approved (minutes of the meetings are enclosed at *Annexure-VI*).

6.3 GOOD GOVERNANCE DOCUMENT

The Member-Secretary apprised that as per the directions of the BOG (in the 58th meeting of the BOG), the Good Governance Document (GGD) has been referred to Prof.B.S.Sonde, Mentor (TEQIP II), for his guidance and advice. Prof.Sonde has suggested few corrections to the draft GGD which were duly incorporated and is being presented for perusal of the BOG. The Member-Secretary also informed that Prof.D.Thukaram represented the Board along with the Member-Secretary in a meeting on the subject convened by the World Bank during October 2014 held at Delhi. Prof.D.Thukaram informed the Board that he has thoroughly reviewed the modified draft of the GGD and requested the Board to approve the same. The BOG took note of the same and approved. The approved GGD is provided at *Annexure-VII*.

6.4 RECOMMENDATION OF BOARD OF APPOINTMENTS (BOA) FOR EXTENSION OF SCALES OF PAY AND TENURE IN RESPECT OF MANAGEMENT (TECHNICAL / ADMINISTRATIVE) STAFF MEMBERS APPOINTED ON ADHOC BASIS ON COMPLETION OF FOUR YEARS OF SERVICE IN BMSCE

After detailed deliberations, the BOG deferred the consideration of the matter to the next meeting.



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6.5 DEPUTATION TO PURSUE PhD UNDER QIP

The BOG ratified the deputation of Sri.B.Sudarshan, Assistant Professor, Department of Mechanical Engineering to pursue PhD under Quality Improvement Programme (QIP) for the year 2015-16.

SNo	Name of the faculty / Designation	Department	Institution	Deputation Duration (three years)
1	Sri. B. Sudarshan, Asst. Prof.	Mechanical	Indian Institute of Science, Bangalore	14.07.2015 to 13.07.2018

The BOG also noted that the following faculty members are currently on deputation to pursue PhD under Quality Improvement Programme:

SNo	Name of the faculty / Designation	Department	Institution	Deputation Duration (three years)
1	Sri. P.M.Shivaswamy, Asst. Prof.	Mathematics	University of Mysore	2012-2015 Extended up to 09.02.2016
2	Sri.H.R.Prakash, Asst. Prof.	Mechanical	IIT, Kharagpur	06.07.2013 to 05.07.2016
3	Sri.K.Balachandra, Asst. Prof.	Telecomn.	International Institute of Information Technology, Bangalore	01.03.2013 to 31.07.2016
4	Smt.H.N.Latha, Asst. Prof.	Electronics	IIT, Kharagpur	07.07.2014 to 06.07.2017
5	Smt.M.Umavathi, Asst. Prof.	Electrical	Anna University, Chennai	03.07.2014 to 02.07.2017



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6.6 GRANT OF TIME BOUND PROMOTIONS TO NON-TEACHING STAFF WORKING UNDER GRANT-IN-AID

The Board noted the proposal for Time Bound promotions for the following GIA employees have been sent to the DTE vide letter dated 10.08.2015 pending its approval.

SNo	Name	Department	Designation	Entry into present cadre	COMPLETION OF	
					YEARS	DATE
1	Smt.Shobha M	Office	Stenographer	31.10.88	25	31.10.13
2	Sri.Fairoz Khan	Office	Peon	13.10.99	15	12.10.14

The Board noted and approved the proposal.

6.7 GUIDELINES FOR TECHNICAL INSTITUTIONS COMING UNDER THE PURVIEW OF AICTE FOR THE STUDENTS PARTICIPATING IN EDUCATIONAL TOURS, STUDY TOURS, FIELD VISITS, INDUSTRIAL VISITS, EXCURSIONS OR ANY OTHER VISITS/TOURS.

The Member-Secretary apprised the BOG that the AICTE has formulated guidelines to ensure safety of the students when the students are sent on educational tours, study tours, field visits, industrial visits and excursions etc., in AICTE approved Technical Institutions and Universities including Deemed Universities imparting Technical Education and directed to implement the guidelines in the institution in the best interest of the students. Copy of the guidelines is shown at *Annexure-VIII*. In the said guidelines the Head of the Institution is made responsible for implementing the said guidelines in the institution. However, it is a practice in the College that the request for study tours, project tours, industrial visits are being initiated by the Heads of the Department and it is the responsibility of the HOD/Department to oversee the entire process. Hence, it is proposed that the implementation of guidelines shall be the responsibility of the concerned Head of the Department. The HOD shall follow the AICTE guidelines and ensure the implementation of said guidelines are adhered to.



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The BOG took note of the AICTE guidelines to ensure safety of the students when the students are sent on educational tours study tours; field visits, industrial visits and excursions etc., in AICTE approved Technical Institutions and Universities including Deemed Universities imparting Technical Education. The BOG approved the proposal that the concerned Head of the Department be made responsible to follow the AICTE guidelines and ensure that all the parameters in the guidelines as and when they propose to send their students on industrial visits / field visits. All such proposal shall have prior approval from the Head of the Institution.

6.8 REPRESENTATION FROM SRI.ALURIAIAH, HELPER, DEPARTMENT OF COMPUTER SCIENCE, REQUESTING FOR VOLUNTARY RETIREMENT FROM SERVICE.

The BOG noted that Sri.Aluraiah, Helper, Department of Computer Science has submitted representation requesting for voluntary retirement from service on health grounds. The BOG approved the request of Sri.Aluraiah, Helper, Department of Computer Science for voluntary retirement from service and to relieve him from service on 31.08.2015.

Section 7: ANY OTHER ITEMS

Any other subject/s with the permission of the Chair

7.1 The BOG noted the report presented by the Dean (Placement & Training) on the Placement/internship activities for 2016 batch students

7.2 The BOG noted the report submitted by the Member-Secretary on the activities under taken by the BMS College of Engineering Alumni Association (BMSCEAA) (report shown at *Annexure-IX*).



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7.3 The BOG noted the brief report submitted by the Member-Secretary on the various activities conducted under Internal Quality Assurance Cell (IQAC) constituted in accordance with the guidelines of NAAC (*Report is uploaded on the College website*).

7.4 The Member-Secretary informed the BOG that Phase Shift – Annual Tech Symposium is scheduled from September 19-20, 2015.

The meeting concluded with vote of thanks to the Chair.


MEMBER-SECRETARY


CHAIRMAN



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REPORT ON COLLEGE ACTIVITIES - April 2015

April 01, 2015: Inauguration of UTSAV 2015



April 03: Day 3 - UTSAV 2015



April 02, 2015 : Day 2 - UTSAV 2015





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REPORT ON COLLEGE ACTIVITIES - April 2015

April 04, 2015: Outreach Programme - Swaccha Bharat Abhiyaan – BMSCE by faculty, staff & students of Department of Instrumentation Technology - creating social awareness on SWINE FLU at Sri Shaneswara Temple, Gavipuram, Bengaluru



April 04, 2015: Felicitation to Smt.A.S.Lalithamma, Supt. Academic Section on her superannuation



April 04, 2015: Review of R&D Proposals submitted under TEQIP II by the IISc., Expert Team



April 04, 2015: Discussion with students seeking support for their innovative & interdisciplinary project



April 06, 2015: Department of MBA organized Guest Lecture on “TQM”. The lecture was delivered by Sri.K.C.Manjunath, Quality Consultant & former General Manager Triveni Engineering

April 08, 2015: Department of MBA organized Guest Lecture on “TQM”. The lecture was delivered by Sri.V.S.Manjunath, Quality Consultant & Director NITTE School of Management



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REPORT ON COLLEGE ACTIVITIES - April 2015

April 08, 2015: Department of MBA organized Industrial Visit to Kolar-Chickballapur District Co-operative Milk Producers Societies Union Ltd for II Semester students

April 08, 2015: Meeting - 58th and 59th Board of Governors



April 09, 2015: Department of Civil Engineering organized Extension Lecture on “Important Hydraulic Structures in Karnataka”. The lecture was delivered by Sri.R.Cheluvareju, Chief Engineer, KNNL, Upper Bhadra Project Zone, Chitradurga. The lecture was arranged specifically for the IV semester Civil Engineering students as a part of the core course Hydraulics and Hydraulic Machines.



April 09, 2015: Department of Mechanical Engineering organized Extension Lecture on “Shockwave and its applications”. The lecture was delivered by Dr.K.P.J.Reddy, Professor, Department of Aerospace, Indian Institute of Science, Bengaluru

April 09, 2015: Department of Information science and Engineering organized Two day Workshop on “Ethical hacking & Information Security” from April 9-10, 2015 under TEQIP II





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REPORT ON COLLEGE ACTIVITIES - April 2015



April 10, 2015: Inauguration of BMSCE-Robert Bosch Automotive Electronics Laboratory



April 10, 2015: Department of MBA organized Extension Lecture on “Questionnaire Design”. The lecture was delivered by Sri.C.N.B Rajesh, Adjunct Professor NSOM Bangalore

April 11, 2015: Department of MBA organized Extension Lecture on “Hypothesis Testing”. The lecture was delivered by Dr S. Jeyabalan Savarimuthu, BNMIT

April 11, 2015: VTU Inter- Collegiate Bangalore Central Zone Basket Ball and Kabaddi Tournament



April 13, 2015: Meeting - College Council





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REPORT ON COLLEGE ACTIVITIES - April 2015

April 13, 2015: Preparations for the Inspection by the Expert Committee constituted by the DTE for extension of approval by the Government of Karnataka



approval of Autonomous Status by the Government of Karnataka



April 13, 2015: Department of Telecommunication Engineering organized Industrial Visit to Cisco System India



April 15, 2015: Department of Telecommunication Engineering organized Extension Lecture on “TCS Telecom Engineering Capabilities”. The lecture was delivered by Sri.Maddali Hazarath Babu, Senior Manager & Consultant, TCS, Bengaluru



April 15, 2015: Visit of the Expert Committee constituted by the DTE for inspection with regard to extension of





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REPORT ON COLLEGE ACTIVITIES - April 2015

April 15, 2015: Department of Telecommunication Engineering organized IEEE Extension Lecture on “Skill Development Needs in Semiconductor Industry”. The lecture was delivered by Sri.M.S.Damodara, Product Support & Sales Manager, IEEE, Bengaluru



April 16, 2015: Computer Science Engineering Department agenda regarding RGBSI Quality Life cycle management program



April 15, 2015: 124th Birthday Celebrations of Bharat Ratna Baba Saheb Dr.B.R.Ambedkar



April 16, 2015: Department of Mechanical Engineering in association with ISAMPE-Bangalore Chapter organized a Workshop on “Fabrication, Testing & Qualification of Polymer Composites” under TEQIP II



BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - April 2015



April 16, 2015: BMSCE Aero Space Club participated in the SAE Aero Design West 2015 Competition held at California USA



April 16, 2015: Department of Electronics Engineering conducted a Review Meeting on Network Coding for Wireless Mesh Networks





BMS COLLEGE OF ENGINEERING BENGALURU
Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - April 2015

April 16, 2015: Department of Architecture Student organized Clay Modelling Work Shop for First Year, Paintings Art by Second Year Students & Third Year Students Displayed Bridges Using Building Construction Material



April 16, 2015: Department of Mechanical Engineering organized three day Workshop on “Polymer Composites” from April 16-18, 2015



April 17, 2015: Department of Civil Engineering in association with Centre of Excellence, Department of Civil Engineering, Indian Institute of Technology-Madras, Chennai organized one day National Level Workshop on Emerging Trends in Transportation Engineering and Management (NETTEM) 2015 sponsored by Ministry of Urban Development, Govt. of India, New Delhi & TEQIP II



BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - April 2015



April 17, 2015: Department of Civil Engineering organized Extension Lecture on “Challenges in Practical Geotechnical Engineering”. The lecture was delivered by Prof.B.R.Srinivasamurthy, Professor, Emeritus, Indian Institute of Science, Bangalore



April 19, 2015: Whitefield Area Commerce & Industries Association had organized a one day training program for the HR professionals of the member organizations. The Training was held at the seminar hall of WACIA office, White field. There were four

sessions in the morning that included a talk on the current challenges faced by the HR professionals, Psychometric tests and the Current trends in Industrial relations.

The first two sessions was led by faculties of the Department of Management Studies Dr. S Nagendra, Dean (Management) and professor followed by Ms. Shaheen Shariff, Assistant Professor, highlighting the top five trends and the challenges the HR. The third session was facilitated by Dr. Shubha Muralidhar, Assistant Professor. She discussed the various tools of psychometrics which the HR professional can use in to increase the productivity. The fourth session was about the latest trend in the Industrial Relations Practices. The session was handled by Dr.S. Nagendra. He pulled the attention of the audience to the paradigm shift in the practices. The training program was well received by the participants.





BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - April 2015



April 22, 2015: Meeting – HODs Council



April 23, 2015: Technical Evaluation Meeting by Procurement Committee – Centre of Excellence (TEQIP 1.2.1)



April 23, 2015: The College hosted 3rd International Conference on “Micro Perspectives for Decentralized Energy Supply” MES 2015 from April 23-25, 2015.

The following are the events conducted during the Conference



April 23, 2015: Interactive session by Prof. Rajanikanth, Former Principal, MSRIT, with the HODs in connection with finalizing rubrics





BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - April 2015

April 24, 2015: Appointment of HSS faculty under the India Platform initiative. BMSCE is a stake holder member of India Platform (A collaboration of Indian & European Universities)



April 24, 2015: Signed MOU with Central Machine Tool Institute, Bangalore for Research in manufacturing technology, Student Projects and Internships.



April 24, 2015: MES 2015-Meeting with Mr. Harish Hande, Co-founded SELCO for establishing collaboration in setting up of Solar Energy Systems.



April 24, 2015: MES 2015- An opportunity to meet with Saifur Rahman and discuss on the smart grid research



Profile:

Saifur Rahman is an IEEE Fellow. He also serves as Vice President of the IEEE Power & Energy Society. He is the Joseph R. Loring Professor at Virginia Tech's School of Electrical and Computer Engineering. Saifur Rahman's research interests include Smart Grid, alternate energy, demand response and critical infrastructure assessment and modeling.

April 24, 2015: MES 2015- with the Co-hosts of MES2015 Sebastian Groh, Jonas van der Straetenn (TU Berlin and Micro energy International)



BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - April 2015



April 29, 2015: Meeting with Mr. Sanjay Jejurikar, Co-Founder and CEO at InPods Inc, Seattle, USA and his team with regard to establishing a centre of excellence in Engineering Education

April 25, 2015: Department of Telecommunication Engineering organized a Farewell function for the 8th semester students



April 25, 2015: Department of MBA organized Extension Lecture on “Corporate scam and its impact on Indian economy”. The lecture was delivered by Smt. Gayathri Vasudevan, Managing Director, Pumpkin Seeds

April 27, 2015: Meeting with Alumni 1965 batch





BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - April 2015

April 29, 2015: Department of MBA organized Industrial Visit to MACHO Engineering Industries for IV Semester students



April 29, 2015: Department of MBA organized Guest Lecture on “Business ethics”. The lecture was delivered by Sri. Abhay Dixit, Welingkar Management School.



Acknowledgements

*On behalf of the Management
& my personal behalf,
I take this opportunity to thank
all the Faculty members,
Staff members, Students, Alumni
and Other Stakeholders
for contributing
to various academic/
administrative activities.*



K. Mallikharjuna Babu, Ph.D.
PRINCIPAL, BMSCE



BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - May 2015

May 02, 2015: Golden Jubilee Re Union BMSCE Alumni 1965 Batch; More than 35 alumni with their families met on the campus.



May 02, 2015: HOD Council Meeting to discuss the academic matters



May 04, 2015: Farewell Day - Bidding farewell to the 2104 batch (both UG & PG). The Chief Guest on the occasion was Dr. K. Kesavaswamy, Head - Academic Interface Programme, Tata Consultancy Services



Dr. K. Kesavasamy is working with Tata Consultancy Services since 1995. He is presently the Head of TCS Academic Interface Programme. He had earlier served Indian Space Research Organisation (ISRO) for about a decade, as a Software Scientist. He is a Ph.D. in theoretical physics.

He has 38 years of varying experience in Software Development, Software Testing, System Management, Software Engineering Standards, Digital Image Processing, Remote Sensing Applications, Design & Deployment of Academic Interface Programme, Teaching and Training Management. He had been a Visiting professor for Indian Institute of Management, Kozhikode.





BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - May 2015

May 04, 2015: Department of MBA organized a Guest Lecture on “Coordination in the supply chain”. The lecture was delivered by Mr. Tareque Laskar, Research Assistant, International Business & Strategy, Fox School of Business, Temple University, USA



May 04, 2015: "2015 Beauty of Programming" is an annual competition being held by Microsoft Research. It was held at Microsoft research facility in Suzhou, Jiangsu, China. At the India level our 4th semester IS student Chirantan Mahipal went through one level of an online coding competition held on the 4th of May, 2015 conducted nationwide in which he was able to secure the 2nd position making him eligible to be the Indian nominees for the contest to be held in China.



At the finals there were a total of 54 participants (50 China + 2 Japan + 2 India).

At this Final round of "2015 Beauty of Programming" Indian team (Chirantan and teammate from Hyderabad) was endowed with the Best Team and also awarded the Best Demo Award



May 06, 2015: Department of MCA conducted the second review meeting on Vision, Mission, PEO's and PO's for NBA Accreditation.

The meeting was conducted under the expert guidance of Prof Dr K Rajanikanth and with the presence of other reviewers viz., Dr Srinivas Padmanabuni, Giridhar M P, Sandhya Sanjay and MCA faculty members. PO's for NBA Accreditation was finalized during this meeting



May 07, 2015: Department of MCA organized Extension Lecture on “Introduction to Business Analytics”.



BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - May 2015



May 08, 2015: Visit of the COA Inspection Team for continuation of affiliation by the Council of Architecture for both the UG and PG Programs of Architecture.



May 09, 2015: The first Research Colloquium in the department of MBA was conducted in Radhakrishna Hall. Presentation(s) by research scholars- Ms.Mamta, Ms.Prathima Bhat.K and Ms.Reena Das were made. A special Talk by Dr.D.K.Murthy. Professor, NITTE, Bangalore was also organized followed by discussion on research.



May 09, 2015: A Memorandum of Understanding between NoPo Nanotechnologies India Private Limited and BMS College of Engineering signed on 09.05.2015. Mr. Gadhadar Reddy, CEO at NoPo Nanotechnologies India Pvt Ltd is also our Alumnus. For more details on NoPo visit <https://www.youtube.com/watch?v=MdgFujnWrpU>



May 09, 2015: Departmental Advisory Board Meeting (DAB) organized by the Telecommunication Engineering. Prof. Lawrence Jenkins is the Chairman of the DAB.



BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - May 2015



May 11, 2015: Department of MBA organized a Guest Lecture on “Financial Statement Analysis: Looking under the hood”. The lecture was delivered by Mr. Tareque Laskar, Research Assistant, International Business & Strategy, Fox School of Business, Temple University, USA



May 11, 2015: The ICL members of the Department of MCA met Basavanagudi MLA, Sri. Ravi Subramanya in his office on to get inputs for *Swachh Bharat* app. The discussions were fruitful with the interest shown by Sri. Ravi Subramanya to use the same in Basavanagudi Constituency.



May 12, 2015: Department of Civil Engineering organized a Guest Lecture on “Precast Technology”. The lecture was delivered by Sri.M.G.Ganapati, Vice President, BCV Pvt., Ltd.,



May 12, 2015: A view of one examination hall during the semester end examination (SEE)





BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - May 2015



May 13, 2015: Department of Electrical Engineering organized an expert talk by Sri. A.G. Ram Krishnan, IISc on Curriculum Design for Electrical Cluster.



May 13, 2015: Joint meeting of BMSCE faculty & industry partner "InPods"– preparation for the establishment of Centre of Excellence in Engineering Education (CEiEE) by BMSCE-IUCEE-InPods.



May 14, 2015: Campus Visit by our distinguished alumnus (1990 CS Batch) - Mrs.Vidhya, Unilever, India



May 15, 2015: Release of novel "BIDUGADE" written by our student Mr.Sandeep Hegde, 4th Year Mechanical Engineering





BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - May 2015



May 16, 2015: Department of Mechanical Engineering in association with ISAMPE-Bangalore Chapter organized a Workshop on “Fabrication, Testing & Qualification of Polymer Composites” under TEQIP II

May 16, 2015: Department of Electronics Engineering conducted a Review Meeting on Network Coding for Wireless Mesh Networks

May 16, 2015: Greetings by the outgoing batch students of IS Batch



May 16, 2015: (BMS R&D Centre, Dept. of Physics and Dept. of Chemistry) organized an expert talk by Dr.S.K.Prasad, Senior Scientist, CNSMS, CSIR Laboratory



May 18, 2015: Architecture department faculty Asst. Professor Mrs. Sindhu Srikanth and Asst. Professor Ms. Bagyalaxmi discussion with Principal exploring the possibilities on Solid Waste Management for the campus; audit by Saahas (NGO) Pvt. Ltd., Bengaluru.





BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - May 2015

May 18, 2015: Mr. George Anders while his tour to India, visited BMSCE for his independent research on his story around Engineering Education system in India. He has met various groups of people –Principal, Deans, HODs and students.



May 19, 2015: Meeting with faculty on Curriculum Design and Development - Scheme for third and fourth semester.



May 20, 2015: Our Chemical Engineering Student 2010-2014 - Ms. Varsha Govindarajan received "The Best Outgoing

Chemical Engineering Student "from the Indian Institute of Chemical Engineers (IIChe) for the year 2014-15. Hearty Congratulations to Varsha.



The Indian Institute of Chemical Engineers (IIChe) is the professional body for chemical engineers in India. It is headquartered in Kolkatta. The organisation has 33 regional centres spread throughout India. The institution's membership comprises academics, professionals from the chemical industry, researchers, and students.

May 19, 2015: Visit of TCS-CEO to BMSCE



May 20, 2015: PhD Thesis Defence by Sri.H.K.Rangavittal, faculty, Department of Mechanical Engineering on Development of Analytical and Boundary Element Solutions for Pin Joints in Composite plates using Inverse Formulation



BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - May 2015



May 20, 2015:

Prof. H. K. RANGAVITTAL, Associate Professor of Mechanical Engineering has successfully defended his PhD thesis.



His PhD was supervised by Dr. K. Badari Narayana, Dr. A. C. Bhaskar Naidu and Dr. B. S. Suresh.

His PhD was on the “Development of analytical and boundary element solutions for pin joints in composite plates using inverse formulation”

Abstract: Most of contact stress problems like Bolted/pin joints are non-linear in nature since contact area changes with applied load. This moving boundary value problem can be solved by continuum method, Finite Element method and Boundary element method. These joints

are still the dominant fastening mechanism used in joining of primary structural parts for advanced composites, but are the potential locations for failure due to stress concentration and thus knowledge of the stress distribution around pin-loaded holes is very useful in carrying out parametric studies, design & analysis and optimization of joint. The literature available on pin joints using continuum, FEM and BEM are plenty, but most of these works have considered push-fit problem which is linear or have solved mis-fit problem by iterative procedure. It is observed that the literature involving analysis of misfit pin joints in composite plate using BEM is scanty and no work with inverse formulation. But inverse formulation is elegant and less time consuming.

The Specific objective of the work is to develop solutions to contact stress problem using Boundary Element Method (ACBMS software) being developed in the research centre. The work involves:

1. Develop analytical solutions to obtain check solutions for two problems
2. Develop Boundary Element solutions for pin joints with idealization of smooth misfit rigid pin in finite orthotropic plate using Inverse formulation and check the results with available literature for the cases of plate and pin loading.

Conclusions have been drawn based on the results obtained.

May 21, 2015: A Memorandum of Understanding between NoPo Nanotechnologies India Private Limited and BMS College of Engineering signed on 09.05.2015



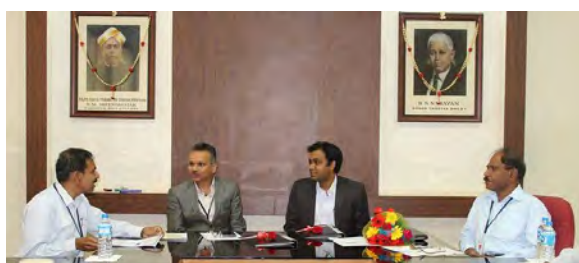
BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - May 2015

Gadhadar Reddy, CEO at NoPO Nanotechnologies India Pvt Ltd is our Alumnus

<https://www.youtube.com/watch?v=MdgFujnWrpU>



May 21, 2015: Department of Computer Applications organized a Workshop on “Course Outcome”. Prof. Dr K.Rajanikanth, Former Principal, MSRIT was the Resource person for the workshop.



May 22, 2015: Mr.N K Mohapatra, CEO,ESSCI and Mr. Ravishankar Ganesan from Ittiam visited BMSCE to review the progress of COE.



Background: Electronics Sector Skills Council of India (ESSCI) and BMSCE jointly establishing a Centre of Excellence (COE) to operate in Bangalore at BMSCE.



This COE will showcase latest facilities for training the students for Semiconductor design, embedded design and Internet of Things (IOT) as per National Occupational Standards (NOS). The main focus will be to train the trainers to facilitate sufficient capacity of trained trainers at multiple locations.



BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - May 2015

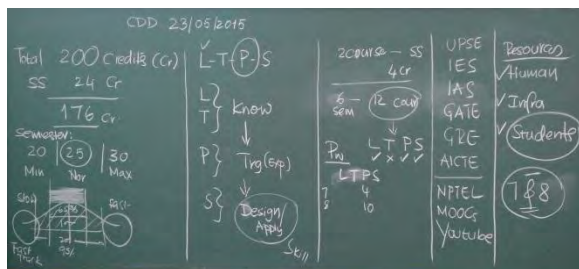
May 22, 2015: BMSCE Sports Teams won laurels during the even semester 2014-15



May 23, 2015: Visit of our distinguished alumni Shri. CHACKO from 1958 batch (Civil Engineering)



May 23, 2015: The 9th brainstorm session on Curriculum Design and Development held on 23.05.2015 at 11.30 am in TEQIP-II conference hall.



May 24, 2015: Technology Hacks for Universal Accessibility: Brain Storming on Making Life Easier for differently abled; the programme organised by the Medical Electronics Department



May 25, 2015: Architecture department facilitated the students who have successfully completed the Revit Workshop.



May 25, 2015: Regarding Virtual Lab Nodal Centre- BMSCE has been designated as virtual lab nodal centre by the College of Engineering, Pune.



BMS COLLEGE OF ENGINEERING BENGALURU
Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - May 2015

May 25, 2015: Dean's Council meeting held to discuss on the fast track semester.

May 25, 2015: Department of MCA organized Two Week ISTE STTP Workshop on "Introduction to Design of Algorithms" from May 25-30, 2015 in association with IIT, Kharagpur.

This initiative is a part of the "National Mission on Education through ICT" which is supported by MHRD Govt. of India.



May 26, 2015: First meeting of the IQAC departmental coordinators to discuss the Quality Practices to be adopted at BMSCE

May 26, 2015: Feedback counselling of faculty; one more counselling session was conducted on **May 28, 2015**.



May 27, 2015: Department of Telecommunication Engineering organized One Week Workshop on "**Introduction to Lab View & Multisim**" from 27 May to 01 June, 2015.



May 27, 2015: The 3rd and revised edition of the Book titled as "ANALOG & MIXED MODE VLSI DESIGN" authored by our Electronics faculty "Dr. R. Jayagowri" is published by Sapna Publsihers, Bengaluru.

May 29, 2015: Department of Electrical Engineering organized One Day Interactive Program on "Sustainability and Social Innovation" under TEQIP II in association with IEEE-SSIT-ES Joint Chapter Bangalore Section and SELCO Foundation as a part of Propel Lab 6 initiative on "Renewable Energy and Sustainable Development".



BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - May 2015



May 29, 2015: HODs meeting to discuss on the modalities of Fast Track Semester and also the formation of Departmental Advisory Board.



May 29, 2015: Department of IEM conducted their final year student Projects

Exhibition for evaluating the best three projects for the year.



May 29, 2015: Meeting with the Staff of Mechanical Engineering: discussion on the strategies to be adopted for improving the skills of the technical staff to provide better service student during training in the labs.



BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - May 2015



May 29, 2015: Meeting at Vidhana Soudha on release e-new letter by the Higher Education Council



May 30, 2015: College Council meeting held to discuss on the LIC of VTU visit and preparations to be made by the concerned departments.



Acknowledgements

*On behalf of the Management
& my personal behalf,
I take this opportunity to thank
all the Faculty members,
Staff members, Students, Alumni
and Other Stakeholders
for contributing
to various academic/
administrative activities.*

K.Mallikharjuna Babu, Ph.D.
PRINCIPAL, BMSCE





BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - June 2015

June 01: The Department of Mechanical Engineering organised a Two day staff development programme (SDP) on skills improvement for Technical Staff of the department;



June 01: College Council Meeting to review the preparedness of departments for VTU-LIC Visit



June 01: Inaugural function of Value added Course on Project Based Learning (PBL) Unified Technology Learning Platform



June 3, 2015: Prof.Venkatesh of IIT, Kanpur visited the campus. During his visit, he offered two months internship for two students (INTN & ML). Provided opportunity to two students to work in his Lab at IIT, Kanpur

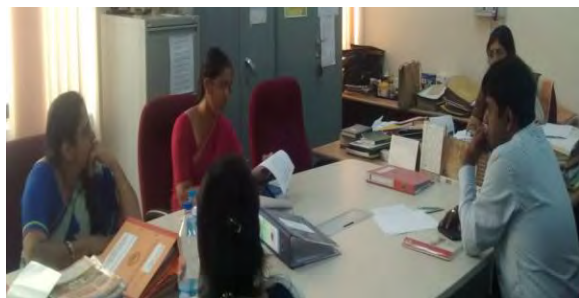




BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - June 2015

June 4, 2015: Department of Chemical Engineering had a Curriculum Development meeting with Mr. Manjunath, Yokogawa Technical School, Bengaluru.



June 4, 2015: Department of Telecommunication Engineering organized a Workshop on Lab View for the First Year students during the Semester break. 36 students from various branches participated in the workshop. National Instruments supported this event through ONE Expert Lecture, Software for the Students (for their personal systems), and Free registration for CLAD examination



June 4, 2015: Department of MBA organized Industrial Visit to Toyota Kirloskar for IV Semester MBA students



June 04: The Local Inquiry Committee of VTU visited the College for inspection; During the course of the visit, the Chairman & members of the committee met our Hon'ble Donor Trustee.



The committee visited the central facilities.



June 05: Press Conference for IACC International Conference (third one among the seven proposed to be organised to commemorate the 70 years celebrations.



BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - June 2015



June 5, 2015: Department of Mechanical Engineering organized two day workshop of Curriculum Design & Development



BMS college to host IACC conference

DC CORRESPONDENT
BENGALURU, JUNE 5

Mr. A. Ravi Kiran, Chairman, IEEE Bengaluru section informed that BMS College of Engineering is hosting the 5th edition of the annual south zone IEEE International Advanced Computing Conference (IACC) 2015 on June 12 and 13 at the college campus. The two-day conference aims at expanding the knowledge horizons of the faculty and students in the field of advanced computing topics like Social Network Analysis, Artificial Intelligence, High Performance Computing, Advance Computer Networks and Advanced Algorithms amongst other topics. Dr. K Mallikharjuna Babu, Principal, BMSCE, Dr. G.N.Shekar, Vice Principal, BMSCE, Dr. Radhika K R, General Chair IACC-2015 and Dr. Gowrishankar S. Professor and Head Department of ISE, BMSCE were present.

June 06: Rahul Sharma, student of Instrumentation Technology became a recipient ISA's Celebrating Excellence Member's Choice Award for Section Leader of the Year 2015. He secured this award by securing majority of votes from a body of peers. The Award presentations will be made at the 53rd Annual ISA Honors & Awards Gala, 11 October 2015, at the Louisville Marriott Downtown, Louisville, Kentucky, USA. The Honors & Awards Gala is ISA's opportunity to recognize and express appreciation for outstanding achievements and contributions to the automation community.



BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - June 2015



June 06: The Principal visited to IITB to take part in the consultation Conclave on Blended MOOCs. On the sidelines of the conclave, had productive discussion with our Ashwith Rego and the MOOCs team at IITB.



June 06: 2015 HOD Council meeting on Phase Shift



June 6, 2015: Faculty members participated in Public Awareness Program organized by the Railway Department

June 6, 2015: Department of MBA organized Industrial Visit to Railway Department – Bangalore for the benefit of II Semester MBA students



June 8, 2015: An article submitted by the Principal has been published in the Journal of Engineering Education & Technology (JEET) as Guest Editorial

June 08: 2015 Dept. EEE Meeting on Ansys Software by Coreel Technologies





BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - June 2015



June 09: BOS on Mechanical Engineering



June 9, 2015: Sri.Tejaswi Patil and Sri.Sridhar, faculties, Department of MBA attended one week Workshop on “Research Methodology” during May 25-30, 2015 at SIT, Tumakuru. The workshop introduced Basic Research Methodology and gave

hands on experience on statistical tools using SPSS software.



June 10: Medical Electronics Dept Organised Centre for Innovation in Medical Electronics (CIME). “CALL FOR INTERNSHIPS” An introductory session of its various incubates offering an opportunity for an internship CIME





BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - June 2015

June 10: ISR-Construction of Toilet Block at Dodda Basti School



June 10, 2015: Department of Telecommunication Engineering organized a Guest Lecture on “Self Development through Meditation”. The lecture was delivered by Dr.Mohandas Hegde, Director, CREST, Bangalore

June 10: Prof. L.Ravi Kumar, HOD of ME nominated as member Institute Management Committee – Foremen Training Institute, Bengaluru.



June 11: TE Department students has won All-India Essay Writing Event 2014 organized by Shri Ram Chandra mission in collaboration with the United Nations information centre for India and Bhutan



June 11: Review of preparations for the IACC conference by the Donor Trustee.



June 11, 2015: Department of Mechanical Engineering organized a technical talk on “Skill Development in India” under TEQIP II. The talk was delivered by Major General (Retd.) Prabal Sen, Project Head,



BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - June 2015

NSDC, NTTF, Bangalore and Sri. Sreenivas Rao, General Manager, NTTF, Bangalore



June 12, 2015: The Computer Science Cluster organized International Conference on International Advance Computing Conference 2015 IACC from June 12-13, 2015



June 12: IACC 2015 (Day2) IEEE Advance Computing Conference -2015





BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - June 2015

June 13: BMSCE hosted IUCEE-IGIP Engineering Educators Certification Programme (14.06.2015 to 17.06.2015);



June 13 to 17: IUCEE International Engineering Educator Certification Program: This Certification Program was delivered in a blended format, including face-to-face sessions, as well as asynchronous on-line modules coupled with regular synchronous on-line sessions. Six of our faculty (Dr.Uma Devi-CS; Dr.Shambahvi-IS; Dr.Sudhindra-EC; Reshmi Devi CV; Dr.Manisha Joshi ML and M.Gururaj-TE) have successfully completed the program

The face-to-face sessions of the programme were hosted by BMSCE.



June 13, 2015: Ms.Sharanya, L&T VALDEL (alumni) Bengaluru and Ms.Varsha G, Hindustan Unilever, Bengaluru visited the Department of Chemical Engineering.



June 15, 2015: One day Workshop on “ARM Micro-Controller and its Application at Propel Lab-I (Robotics & Embedded



BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - June 2015

System Lab)". Sri.Harish V Mekali, Assistant Professor, Department of Electronics Engineering is the resource person

June 15: Students undergoing training in ARM technology offered by Prof. Harish Mekali. A value added program for the students.



June 16, 2015: Memorandum of Understanding between Gothenburg University, Sweden & BMS College of Engineering



June 17: EDC Program



June 18: The BOS meeting of the Dept. of CV was held on June 18 - Scheme from 3rd to 8th Sem and syllabus for 3rd and 4th sem were deliberated.





BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - June 2015



June 18, 2015: Prof.Lachezar Komitov, Gothenburg University visited the Department of Chemistry

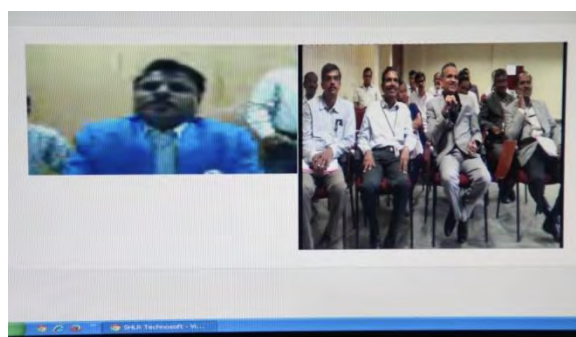


June 19, 2015: Smt.Smitha V Shenoy faculty, Department of MBA attended Summer School on “Empirical Finance & Accounting Research from May 01-09, 2015 organized by the Financial Research and Trading Laboratory (FRTL) of IIM Calcutta. She made a presentation on 19.06.2015 and briefed about the program - It was a fully residential Programme which gave exposure to participants to ten classic papers published in top Management journals. These papers were drawn from five broad topics in the area of empirical finance and accounting. She also briefed about the FRTL at IIMC and their infrastructure to run such a program



June 19, 2015: Department of IEM released 2015 Edition of the Department Magazine “INDEC 2015”.

June 23, 2015: Video Conferencing Session of Principal Secretary, Higher Education and the TEQIP Colleges was held in the Campus





BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - June 2015



June 28: Principal participated in Melton Foundation BOD Meeting-Q2.

June 28: BMSCE Medical Electronics Team won CAMTech Jugaadathon 2015 GE challenge

Hearty Congratulation to the members of the Team & also its mentor Abhishek Appaji M



Acknowledgements

*On behalf of the Management
& my personal behalf,
I take this opportunity to thank
all the Faculty members,
Staff members, Students, Alumni
and Other Stakeholders
for contributing
to various academic/
administrative activities.*

N. Mallikharjuna Babu

K.Mallikharjuna Babu, Ph.D.
PRINCIPAL, BMSCE





BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - July 2015

July 1, 2015: Department of Electronics & Instrumentation Engineering Faculty Meeting to discuss syllabus revision for 3rd & 4th Semesters; subject allocation and self-study evaluation criteria and formation of various committees



July 2, 2015: Department of Industrial Engineering & Management organized Alumni meet of their 1990 batch in association with the BMSCE Alumni Network

July 1, 2015: BMSCE- Institute Social Responsibility (ISR) Activity: Distribution of Uniforms to School Children (8, 9 & 10th Standards). Under the kind guidance of our beloved Management, BMSCE adopted two Government Schools one in Yediur and the other in Dodda Basti



July 2, 2015: Curriculum Design & Development brainstorm session-putting all energies/efforts to make BMSCE higher semester curriculum on innovative -focused on student centric learning and skill development

July 2, 2015: Dr.K.J.Rathanraj, Professor & HoD and Smt.N.Kavitha Rani, faculty, Department of Industrial Engineering & Management attended the “Certified Six Sigma Green Belt Training” organized by the Ministry of Micro, Small and Medium Enterprises, Govt. of India held at MSME Development Institute, Rajajinagar Industrial Area, Bengaluru from July 13-17, 2015



BMS COLLEGE OF ENGINEERING BENGALURU
Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015

July 3, 2015: Release of BMSCE Quarterly Activity Report Book by our beloved Donor Trustee Madam- Dr.Ragini Narayan



June 4, 2015: Campus Placements; advance Congratulations to all the aspiring young ones and wish their dreams come true.



July 3, 2015: The faculty members of the Department of Computer Applications participated in the **Digital India Week** organized by IIT-Bombay.





BMS COLLEGE OF ENGINEERING BENGALURU

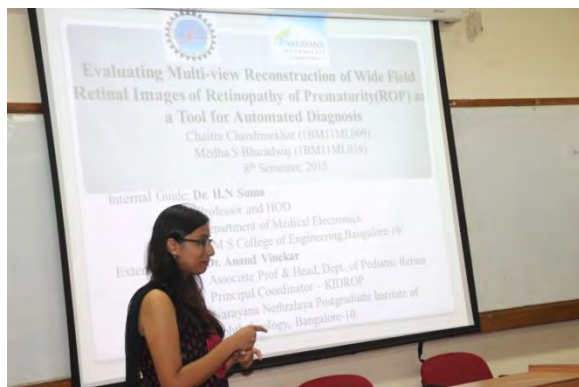
Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015

July 4, 2015: Dr.Santosh Desai & Smt.Veena Hegde, Faculty and Ms.K.S.Ramya & Ms.Vismitha, Students, Department of Electronics & Instrumentation Engineering visited IIT, Kanpur from July 4-16, 2015. They had discussions with Prof. Venkatesh, Department of Electrical Engineering, IIT, Kanpur.



July 4, 2015: Evaluation of UG Projects at the Institutional Level. Several external experts were invited to evaluate our students innovative projects for the BEST PROJECT AWARD at the Institutional level



July 7, 2015: Few Deans & HODs visited IIM, Ahmedabad to discuss about the courses to be introduced and electives to be offered to B.E. and MBA.



July 8, 2015: Education is the best gift you can give it to others. Some of the BMSCians reached out to the students of Kamla Nehru Pathshala, teaching them art and dance (Via Melton Foundation, BMSCE)



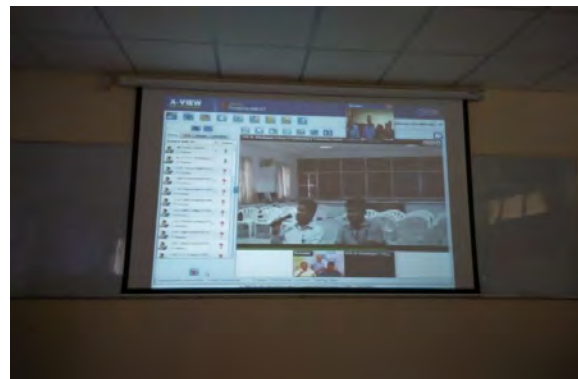


BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015

July 9, 2015: Meeting with Prof. Krishna Vedula, IUCEE, to discuss on establishing BMS Center of Excellence in Engineering Education



July 10, 2015: Dr. N. Kayarvizhy and Smt. K. Panimozhi, faculty, Department of Computer Science attended a workshop on “Intellectual Property Rights” from July 10-11, 2015 at VTU, Belagavi.

July 10, 2015: Innovation Cluster Lab (ICL) of Department of Computer Application developed an app for IEEE Connect 2015 conference



July 9, 2015: Department of Computer Applications in association with IIT-Bombay organized a First A-view session on Blended MOOCs





BMS COLLEGE OF ENGINEERING BENGALURU
Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015

July 10, 2015: Department of Electronics Engineering - Centre of Excellence and Innovation



July 11, 2015: Dr.D.N.Sujatha, Professor & Head, Department of Computer Applications attended a meeting in BOS & Academic Advisory Committee, Department of MCA, Dayananda Sagar College of Engineering, Bengaluru.



July 10: Meeting with our patent attorney



July 11, 2015: Department of Biotechnology organized a Stake holders meet for discussion on PEOs, POs and Curriculum of B.E. Biotechnology. Dr. Ravinath Shetty and Dr. Bharath from Cipla, Dr.Prashanth Naik from Cleanergics, Dr. S. Prasad from Anthem Biosciences and Prof. Chidananda Sharma from Department of Biotechnology, Bangalore University participated along with alumni, students and faculty members.



BMS COLLEGE OF ENGINEERING BENGALURU
Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015



July 11, 2015: 15th meeting of the BOG Subcommittee of TEQIP-II



(1 to 5 Standard Students). Under the kind guidance of our beloved Management, BMSCE has adopted two Government Schools one in Yediyur and the other in Dodda Basti. This is the Government School in Dodda Basti (near Jnana Bharthi)



July 13, 2015: Meeting with Deans and HODs with regard to organizing one day workshop in association with Automation Industry Association (AIA) – Make in India Programme



July 12, 2015: BMSCE- Institute Social Responsibility (ISR) Activity2: Construction of Toilet (in progress) and distribution of Uniforms to School Children



BMS COLLEGE OF ENGINEERING BENGALURU

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REPORT ON COLLEGE ACTIVITIES - July 2015

July 13, 2015: Sri. Prakash R. faculty, Department of Electronics Engineering attended Workshop on "Embedded Processors & Applications for Technical Staff" at R.V. College of Engineering, Bangalore under TEQIP from July 13-14, 2015.

July 13, 2015: Dr.H.S.Guruprasad, Professor & Head of the Department of Computer Science delivered a lecture in the Faculty Development Programme on "Cloud Computing" at Rao Bahadur Y. Mahabaleshwarappa Engineering College, Bellary.

July 13, 2015: Department of Medical Electronics invited Sri. Ramjee Pattella, Chief Manager Grant Management Division, IKP for the BIRAC Grant Management of the OCSD project



July 14, 2015: Department of Electrical & Telecommunication Engineering organized Valedictory function of Value Added Course on "Project Based Learning using UTLP Kit"

The Outcomes are:

This course is focused on PBL which is part of OBE and contributes for graduate attributes.

The good results obtained after implementation of innovative ideas on UTLP kits are published in reputed journals/conference





BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015

July 14, 2015: Smt.S.R.Reeja, Associate Professor, Department of CSE and Sri. J. Sathyendra Bhat, Department of MCA, St. Joseph Engineering College, Mangalore visited the Department of Computer Science and interacted with the HOD and faculty to find out the best practices adopted for teaching in the department. HOD and faculty shared the teaching-learning practices, Computing & Laboratory facilities of the department were also shown to the guests.



July 15, 2015: Our Principal Dr.K Mallikharjuna Babu - column in Careers 360



July 15, 2015: Dr. D. Seshachalam, Professor & HOD, Department of Electronics Engineering attended training on "Management capacity enhancement programme" at IIM, Indore from July 15-23, 2015 under TEQIP.

July 15, 2015: Department of Biotechnology convened a meeting with Mr.Vinod, from Scrodinger company to discuss on Inputs of Bioinformatics & BCA courses.



July 16, 2015: HoDs Council Meeting





BMS COLLEGE OF ENGINEERING BENGALURU
Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015



July 16, 2015: Department of Mechanical Engineering organized One day Workshop on “Assessment of quality of Teaching Learning Process”.

July 16, 2015: Department of Civil Engineering organized a departmental brainstorming session on CDD for PG programs - Construction Technology, Environmental Engineering and Transportation Engineering & Management. Several PG faculty members from each program presented the CO, PO mapping for their respective courses and was discussed in detail. The session has been held in view of the likely autonomy to PG programs.



July 16, 2015: Dr. K. Guruprasad, Dean (Mechanical) attended Management Capacity Enhancement Program from July 16-22, 2015 at IIM, Indore.

July 17, 2015: HOD & Faculty, Department of Electronics & Instrumentation Engineering had discussions with Industry Team from Yokogawa, Bengaluru for introduction of courses like Information Technology in Industrial automation (ITiIA) and specialized courses for allied branches students to improve the placement and internship opportunities in core industries.





BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015

July 20, 2015: One Day IUCEE Workshop on “Integrating Projects and Design into Core Engineering Courses: Enhancing Learning and Preparing Professionals” was organized in the Campus. The lecture was delivered by Prof. Bill Oakes, Director EPICS, Purdue University. Faculty members from our institution and other institutions participated in the Workshop



July 20, 2015: Department of Electrical Engineering organized One week Faculty Development Program on "Design, Analysis and Implementation of Power Electronic Circuits" from July 20-24, 2015 under TEQIP II.

July 20, 2015: International Conference on Chemical and Biochemical Engineering scheduled in Paris from July 20-22, 2015:

The paper titled “Study on Living Bioreactors in Nature” submitted by Dr. G. N. Rameshaiah, faculty, Department of Chemical Engineering was accepted and published.

The paper titled “Studies on volumetric oxygen coefficient during enzymatic hydrolysis of chitin using filamentous fungi - *Trichoderma harzianum*” submitted by Dr.G.N.Rameshaiah and Smt.Y.K.Suneetha, Faculty members, Department of Chemical Engineering was published



BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015

Dr. G. N. Rameshaiah, faculty, Department of Chemical Engineering was a scientific committee member for International Conference on Chemical and Biochemical Engineering

July 20, 2015: Mr. Harish V. Mekali, faculty, Department of Electronics Engineering, was permitted to visit College of Engineering, Pune, from July 20-21, 2015 to learn existing model to improve our facilities in BMSCE.

July 20, 2015: Department of Electronics Engineering organized Faculty Development Programme on “VLSI Verification (QP # ELE / Q1301) from July 20 - August 1, 2015. Resource Persons were Mr. Santosh Krishna & Mr. Hridesh, SEER AKADEMI, Hyderabad.

July 20, 2015: Dr.N.Kayarvizhy and Smt.G.S.Rekha, faculty, Department of Computer Science attended a workshop on “Machine Intelligence and Image Processing” from July 20-24, 2015 at SJBIT, Bengaluru.

July 20, 2015: Sri.K.Panimozhi and Smt.Antara De, faculty, Department of Computer Science attended a workshop on “Network Simulators in Research Prospective” from July 20-24, 2015 at Govt. SKSJ Technological Institute, Bengaluru.

July 20, 2015: Department of Medical Electronics invited Dr.Lazar Mathew, Advisor, Medical Sciences, Engineering & Technology, PSG Institute of Advanced Studies, Coimbatore for collaborative research. The participants were professors from six departments of the Institution and

discussion was mainly based on development of Centre for Health Technologies.



July 21, 2015: National Board of Accreditation & Visvesvaraya Technological University conducted One Day Workshop on “Outcome Based Education and Accreditation” in the Campus. Faculty members from our institution and other institutions participated in the Workshop.



[illegible]

July 21, 2015: Dr D. N. Sujatha, Professor & Head, Department of Computer Applications attended an Academic Leadership Workshop organized for Heads of the Department at WIPRO Technologies, Bengaluru, from July 21-24, 2015.



BMS COLLEGE OF ENGINEERING BENGALURU
Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015

July 23, 2015: Department of Electrical Engineering had an interaction with Bosch for Joint Projects



July 23: Commencement of First Year Admission for the academic year 2015-16



July 23 : Preceding meeting of Graduation Day



July 23, 2015: Mr.Soumen Panda, faculty, Department of Chemical Engineering attended a workshop on “Thermal Analysis of Materials Using DSC, DTA, & TG Dilatometer” organized at IIT Hyderabad from 23-25 July, 2015.





BMS COLLEGE OF ENGINEERING BENGALURU
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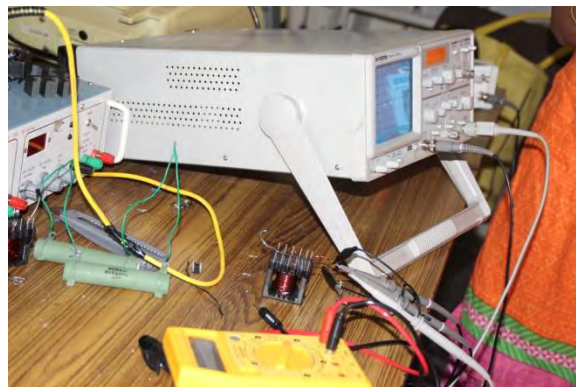
REPORT ON COLLEGE ACTIVITIES - July 2015

July 23, 2015: Sri.Tataram K Chavan, Sri.V.S.Mudakappanavar, Sri.N.R.Prabhu Swamy, faculty, Department of Mechanical Engineering attended Workshop on “Thermal Analysis of Materials using DSC, DTA, TG & Dilatomete” from July 23-25, 2015 at IIT, Hyderabad.

July 23, 2015: Meeting with WIKSATE Development Team as how to implement social learning on the campus



July 24, 2015: Department of Electrical Engineering organized One week Faculty Development Program on "Design, Analysis and Implementation of Power Electronic Circuits" from July 20-24, 2015 under TEQIP II. Valedictory function was held on 24th July 2015



July 24, 2015: Sri.R.Suresh Kumar, faculty, Department of Mechanical Engineering was invited to conduct External Audit of NBA for Mechanical Engineering programme at B.N.M Institute of Technology, Bengaluru

July 24, 2015: Department of Computer Science organized Alumni Meet of 1986-1990 batch of Computer Science. The Alumni Meet was arranged as an initiative to contribute to BMSCE by means of delivering guest lecturers or arranging workshops or providing student internships or funding/sponsorship, etc.



BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015



July 26, 2015: IEEE EMBS Preconference workshop by Aventyn Inc, USA on “Digital Healthcare”



July 25, 2015: Department of Medical Electronics organized “b-eCare 2015: International Conference on Predictive and Preventive Health Technologies”, from July 25-28, 2015, under TEQIP-II

July 25, 2015: IEEE EMBS Preconference workshop on “Enabling ability through disability”.



July 26, 2015: IEEE EMBS Preconference workshop by InnAccel on “Medtech Innovation-Bench to bedside”.





BMS COLLEGE OF ENGINEERING BENGALURU
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REPORT ON COLLEGE ACTIVITIES - July 2015



July 26, 2015: IEEE EMBS Preconference event by Special Interest group on “In Vivo Assessment of Retinal Vessel Oxygen Saturation - Future Landscape” by Dr Rupesh Agrawal, Ten Tock Seng Hospital, Singapore



July 27, 2015: IEEE EMBS Inauguration by Hon'ble Minister for Health & Family Welfare Sri.U.T.Khader



July 27, 2015: (Day 3) Visit to Centre for Innovation in medical Electronics (CIME), BMSCE by Hon'ble Minister for Health & Family Welfare Sri.U.T.Khader



July 27, 2015: (Day 3) Visit to Centre for Innovation in medical Electronics (CIME), BMSCE by Prof Dr H P Kincha, Chairman, Karnataka State Innovation Council (KSIC) & Ex- Vice Chancellor, Visvesvaraya Technology University, Belagavi



BMS COLLEGE OF ENGINEERING BENGALURU
Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015



July 27, 2015: (Day 3) Sessions by experts



July 28, 2015: (Day 4) Talk by Experts



July 25, 2015: The School of Construction Management Excellence (an ANP CPMC Initiative) organized One Day National Conference “WeCaN” Women Engineers’ Conference and Network – Building and Infrastructure at Atria Hotel, Bengaluru. Ms.B.Ranganayakamma, the first Woman Engineer was the Chief Guest and Ms.Sudha Murthy Chairperson, Infosys Foundation was the Keynote Speaker. Dr.S.Raghunath, Professor, Department of Civil Engineering, was one of the Speaker in the said Conference.

July 25, 2015: Sri.Reddy Naik & Ms.Disha M Nayak, faculty, Department of Industrial Engineering & Management attended “Certified Six Sigma Green Belt Training” organized by the Ministry of Micro, Small and Medium Enterprises (Agra), Govt. of India held at MSME Development Institute, Bengaluru from July 25 – August 2, 2015.



July 25, 2015: Visvesvaraya Technological University organized an “Awareness Programme about the plagiarism and process adopted at VTU” in respect of plagiarism check for PhD thesis at SJB Institute of Technology, Bengaluru. Few BMSCE faculty members attended the programme.



BMS COLLEGE OF ENGINEERING BENGALURU
Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015

July 26, 2015: Third Graduation Day was held in the Campus for awarding Degree Certificates to the third autonomous batch of Engineering Graduates (2010-2014) and the second autonomous batch of Architecture Graduates (2009-2014). Hon'ble Dr.H.Maheshappa, Vice Chancellor, VTU, Belagavi was the Chief Guest.



July 27: Application of Remote Sensing & GIS for Natural Resources conducted By IIRS



July 27, 2015: Stakeholder meeting of India Platform with Prof.Balagangadhara, India Platform





BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015

July 27, 2015: Inauguration of India Platform Office



July 27, 2015: Dr.Veena M.B. & Smt.Lalitha S. faculty, Department of Electronics Engineering attended one week Workshop on "Current Trends in Digital Image Processing Techniques and applications" at NIE, Mysore from July 27-31, 2015 under TEQIP

July 27, 2015: Department of Electronics & Instrumentation Engineering in association with Entuple Technologies organized one week Workshop on "Electronic System Design Manufacturing & Testing (ESDMT)" from 27-31 July, 2015. Few faculty members participated



July 27, 2015: Sri.Devaraj K, Sri. Narahari, Smt.Tripti Pachori, Sri.Arjun C C, faculty, Department of Mechanical Engineering attended Inpods Tools Training SJBIT Bengaluru 27.07.2015.

July 27, 2015: Dr.K.J.Rathanraj, Professor and Hod of IEM and Dr.S.Girish, Professor, Department of Civil Engineering attended "Management Capacity Enhancement Program for Administrators" organized by The National Project Implementation Unit (NPIU) in association with IIM Lucknow (Noida Campus) from July 27-31, 2015



July 28, 2015: Congratulating Priyanka Kaliwal (Second from left) of BMSCE, Electrical Department, on being the WINNER of South Regional Rounds of the IET India Scholarship Award. She has been further nominated to contest in National Round. We wish her Good luck for next levels and congratulate her for this win

The IET India Scholarship is a Prestige Award that has been designed to reward and celebrate creativity, excellence, innovation and leadership among undergraduate engineering students



BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015



July 29, 2015: Department of Chemical Engineering signed an MoU with Yokogawa India limited, Bangalore:

The MOU signed by the institute with industry would help to bridge the gap between the two organizations to shoulder the tasks and perform well to achieve the intended purposes. BMS College of Engineering and Yokogawa India Limited have jointly agreed to work together to offer Industry Oriented training program to BMS students on BMS Campus. This association will be developed further in future to partner and collaborate to offer Industry Oriented training programs to BMS students and outside participants, on BMS Campus. They are ready to provide training and placement, internships for Chemical Engineering students

July 29, 2015: Cerner (Internship & offer) Recruitment was scheduled in the Campus. In this regard Placement Coordinator, Department of Computer Applications organized interactive session about Cerner recruitment process, expectations of Cerner for MCA students with Alumni Students currently working with Cerner



July 29, 2015: IQAC Cell organized one day Workshop on “AAT for Self Study Component”. Resource persons were Dr. Rajnikanth (former Principal and HOD, CSE, MSRIT, Bangalore) and Dr. Rao (IISc, Bangalore)





BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015



Dr.D.N.Sujatha Professor & Head and Smt.V.Padmapriya, faculty, Department of Computer Applications presented a paper titled “A Futuristic approach for secure advertisement distribution in VANET”.



July 29, 2015: Indian Technology Congress 2015 an International conference conducted at NIMHANS Convention Centre Bengaluru from July 29 -30, 2015:

The Selection Committee of the Indian Technology Awards 2015 has conferred Dr.K.Mallikharjuna Babu with “Technology Excellence Award – Contributions to Engineering Education and Research”. The award was presented during the inaugural session of the Indian Technology Congress International conference 2015

The conference themed on Transforming India as global Engineering & Technology Hub – Prospect and Pathways. The conference had many eminent personalities in technology area and academicians as speakers and delegates. The main focus of conference was on Make in India, Rail and road safety, Internet and bio technology



July 29, 2015: Department of Electronics & Instrumentation Engineering in association with Entuple Technologies organized one week Workshop on “Electronic System Design Manufacturing & Testing (ESDMT)” from 27-31 July, 2015. Valedictory Function was held on 29th July 2015





BMS COLLEGE OF ENGINEERING BENGALURU

Autonomous College under VTU

REPORT ON COLLEGE ACTIVITIES - July 2015



“Predictive Analytics using R” from July 30-31, 2015 at M.S.Ramaiah Institute of Technology, Bengaluru.

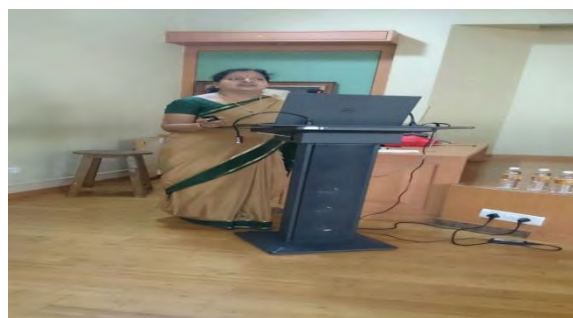
July 31, 2015: Dr.Meera A, faculty, Department of Electronics Engineering was invited as Resource person for Workshop on “Current Trends in Digital Image Processing Techniques & Applications” at The National Institute of Engineering, Mysore.



July 30, 2015: Department of Electronics Engineering organized Three Day Workshop on “Introduction to working with MATLAB” for students (particularly for III Semester students) from July 30 – August 1, 2015. Speakers were from M/s.CoreEL Technologies (I) Pvt. Ltd.

July 30, 2015: Mr.Harish V. Mekali, faculty, Department of Electronics Engineering was conducted a Two Day Workshop on "Arm Processors Controllers and Its Applications" for 7th Semester students from July 30-31, 2015 at Agadi College of Engineering, Laxmeshwar.

July 30, 2015: Smt.N.Nagarathna, Smt.Jyothi S Nayak, Sri.S.Selva Kumar, and Sri.Syed Akram, faculty, Department of Computer Science attended a workshop on



July 31, 2015: Dr D.N. Sujatha, Professor & Head, & Dr.K.Vijayakumar K, faculty, Department of Computer Applications attended the Tech Session on “Internet of Things” organized by Altimetric in association with NASSCOM at Altimetric campus, Global Tech Village, Bengaluru. A Series of lectures and Panel discussion were conducted by Industry Heads.

July 31, 2015: Department of Telecommunication Engineering organized training for INPODS Software to facilitate OBE Techniques in classroom. Few faculty members attended the training



REPORT ON THE THIRD GRADUATION DAY

The Third graduation day was solemnised on the Sunday, 26th July 2015. The Chief Guest for the event was Dr. H. Maheshappa, Hon'ble Vice Chancellor, Visvesvaraya Technological University, Belgavi. Dr. H. Maheshappa, delivered the graduation address on this eventful day. Dr. Dayanand Pai, Chairman, BOG, BMSCE, presided over the function. The Guests of Honour for the day included Dr. B S Ragini Narayan, Donor Trustee & Member Secretary, and Sri. K. Jairaj, IAS (Retd.), Trustee-BMS Educational Trust.

Core Committee of the third graduation day constituted of the following members:

Dr. S. Nagendra- Dean - Management Chairman

Dr. K Guruprasad, Dean- Mechanical,

Dr. M Ramachandra, Prof., Mechanical Engineering Dept.,

Dr. Krishnappa Olekar, Asst. Prof., Civil Engineering Dept.,

Prof. Shantaram, Associate Prof., Electrical Engg., Dept.,

Prof. Prathima Bhat K, Asst., Prof., MBA Dept.,

Dr. Shambhavi, Associate Prof., ISE Dept.,

Dr. Shubha Muralidhar, Asst., Prof., MBA Dept.,

Prof. Sridhar H R, Asst., Prof., MBA Dept.,

Prof. Ganesh Kumar, Asst., Prof., MBA Dept.,

Prof. Srikanth, Asst., Prof., Mechanical Engineering Dept.,

Prof Raghavendra Rao, Asst., Prof., MCA Dept.

Ms. Annette Jacinta, Asst. Alumni Relations Manage, BMSCE

Apart from the core committee members, more than 120 members across the college

from various departments, both teaching as well as non-teaching staff were involved in the Graduation day activities. They were responsible for arranging the degree certificates in an order, taking stock of the number of students who will be present on the day of graduation and finally coordinating with the committee to make it a grand success for the third consecutive time.



The Graduation day started with a procession of the BOS/BOE chairs, Members of Academic council, Members of Deans Council, Members of the BOG, Council of Trustees, Principal, Chief Guest and our Donor trustee, Dr. B S Ragini Narayan. The procession was led by the Controller of Examinations.



The event started at sharp 10 am with the opening remarks by Dr. K Mallikahajuna Babu, Principal, BMSCE.



The Chief Guest for the day was introduced by Dr. S Nagendra, Dean-Management and the Chairman was introduced by Dr. Shubha Muralidhar, Asst. Prof., MBA Dept. to the august gathering. Dr. P Dayanand Pai, Chairman, BOG, BMSCE, declared the graduation day open. Dr. Vinod Aralimatti, COE, proposed that 935 students from both Engineering and Architecture disciplines can be awarded the degree.



The COE proposed that 680 candidates can be given their degrees in person and the rest in absentia. Further he requested the HODs to call out the name of eligible candidates who are present to receive the degree. The HODs accordingly called the eligible students and dignitaries on the dais awarded the degree to qualifying students. The rank holders were felicitated with a Plaque of honour and cash awards. Rank holders were given cash award of Rs. 10,000/-, Rs. 7500/- and Rs. 5000/- each for I, II and III ranks respectively in each engineering/architecture disciplines.



Dr. Ravishankar Dheekshit, Dean Academics invited the rank holders to receive their certificate from the Chief Guest.



After the awards, the Graduates had to take an oath administered by the Principal. The Graduation day was declared dissolved by the Chairman.



The event was flawless and feast to watch as the graduates received their degrees. The day ended with sumptuous lunch which was enjoyed by one and all.



BMS COLLEGE OF ENGINEERING

**A REPORT ON THE
IMPLEMENTATION OF STRATEGIC PLAN**
AS ON JUNE 2015

PRESENTED TO
THE COUNCIL OF TRUSTEES, BMS EDUCATIONAL TRUST
THE BOARD OF GOVERNORS, BMS COLLEGE OF ENGINEERING

21.08.2015

BMSCE Report by Dr. K. Mallikharjuna Babu, PRINCIPAL

BMS COLLEGE OF ENGINEERING BANGALORE
STATUS REPORT ON THE IMPLEMENTATION OF STRATEGIC PLAN
Submitted on 30.06.2015

STG-1
GET PERMANENT AFFILIATION FOR ALL ELIGIBLE PROGRAMS

- Currently all the eligible programmes except for M.Arch (Habitat Design) have been accorded the Status of Permanent Affiliation by the VTU [Period 2013-14 to 2017-18]. For the Year 2015-16 the Institution has sought Permanent Affiliation Status to M.Arch – Habitat Design Programme. The VTU LIC Committee Visited the Institution on 04.06.2015 and the report in this regard is awaited.

BMS COLLEGE OF ENGINEERING BANGALORE
STATUS REPORT ON THE IMPLEMENTATION OF STRATEGIC PLAN
Submitted on 30.06.2015

STG-1
NBA ACCREDITATION

The Member-Secretary, NBA through his communication dated 08.10.2014 have approved the accreditation status of UG Programmes applied by BMSCE under Tier-I Format (Washington Accord). Out of 11 UG Programmes (accredited), five programmes have been accredited for a period of 05 years and rest for the period of 02 years. (letter enclosed)

The SAR in respect of remaining eligible programmes are being prepared.

BMS COLLEGE OF ENGINEERING BANGALORE
STATUS REPORT ON THE IMPLEMENTATION OF STRATEGIC PLAN
Submitted on 30.06.2015

STG-2
GET ACADEMIC AUTONOMY FOR PG PROGRAMS

The University (VTU) through letter No.VTU/Aca/2014-15/A-11 dated 08.05.2015 has forwarded our application seeking extension of Autonomy (PG Programmes) to UGC, New Delhi. Approval from UGC is awaited. In the meantime, the Principal during his recent visit to Delhi, visited the UGC office to ascertain the status of our application and requested for speedy and favorable consideration. In response to our proposal, the visit of the UGC Expert Committee is awaited.

BMS COLLEGE OF ENGINEERING BANGALORE
STATUS REPORT ON THE IMPLEMENTATION OF STRATEGIC PLAN
Submitted on 30.06.2015

STG-3
STRENGTHEN THE CAMPUS FACILITY
SUPPORT SYSTEMS

- Additional floor on Telecom block (95% work completed)
- Construction of a three Research Labs under centre of Excellence (Advanced Materials) have been established and one is under process.
- Installation of lifts(MCA) Civil Works under final stage
- 6th Floor CS Lab is under renovation
- MCA block construction completed
- VLSI Lab at 3rd Floor of EC Block construction completed

BMS COLLEGE OF ENGINEERING BANGALORE
STATUS REPORT ON THE IMPLEMENTATION OF STRATEGIC PLAN
Submitted on 30.06.2015

STG-3
STRENGTHEN THE CAMPUS FACILITY
SUPPORT SYSTEMS

- Procured virtualization software worth Rs.30.00 Lakhs for Data Centre to extend high-end server facility to the departments.
- Procured Turnit software worth Rs.3.00 Lakhs for plagiarism check provided to Data Centre

Proposal : Implement comprehensive e-Learning solution of automatic recording and distribution of class lectures in all the departments.

BMS COLLEGE OF ENGINEERING BANGALORE
STATUS REPORT ON THE IMPLEMENTATION OF STRATEGIC PLAN
Submitted on 30.06.2015

STG-4
IMPROVE TEACHING LEARNING PROCESS

- Blended MOOCs with IIT Mumbai
- Value added courses
- Alternate Assessment Tools
- Self Study component
- Course Projects
- Open Ended experiments
- Technical Seminars using innovative techniques
- Course End Survey & evaluation of course attainment to improve monitoring the students performance

BMS COLLEGE OF ENGINEERING BANGALORE
STATUS REPORT ON THE IMPLEMENTATION OF STRATEGIC PLAN
Submitted on 30.06.2015

STG-4
IMPROVE TEACHING LEARNING PROCESS

- Activity based learning
- Course base learning
- Co-Operative learning
- Journal Paper reviews
- Communication skills as an assessment tool
- Reciprocal learning etc.,

Proposal : Implement comprehensive e-Learning solution of automatic recording and distribution of class lectures in all the departments.

BMS COLLEGE OF ENGINEERING BANGALORE
STATUS REPORT ON THE IMPLEMENTATION OF STRATEGIC PLAN
Submitted on 30.06.2015

STG-5
ENHANCE THE OUTPUT IN RESEARCH AND CONSULTANCY

- Dr. K L Nagashree received a VGST grant of Rs.4.00 Lakhs
- 35 scholars registered for Ph.D
- 22 New R&D project proposals submitted
- Prof. Komitov of Gutenberg University-Sweden visited the campus on 18.06.2015 to explore the possibility of having collaborative research projects with basic science departments
- Research Publications by faculty (across Depts.)
- Micro devices lab worth Rs.19.00 Lakhs under DST project completed (EE)

BMS COLLEGE OF ENGINEERING BANGALORE
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STG-5
ENHANCE THE OUTPUT IN RESEARCH AND CONSULTANCY

- Quarterly research colloquium conducted for the benefit of research scholars on 09.05.2015
- Expert lecture conducted by department of MBA to provide research inputs to this scholars
- Set up of Micro devices lab worth Rs.18.90 Lakhs under DST project is completed (EE)
- Joint research publication - Dr.B Kanmani, Shreenivas B (TCE) & Mukesh Soni (Tektronix) on online course ware
- The first research Colloquium was conducted by the department of MBA

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STG-6
ENHANCE THE INDUSTRY –INSTITUTE COLLABORATIONS

- IEEE International conference in collaboration with IEEE and leading IT industries such as Extreme Network, RUCKUS wireless, IBM
- MOU with M/s. Elhipsonic Pvt. Ltd., (CSE)
- MOU with NoPO Pvt. Ltd.,
- Industrial visits
- Invited/Guest/Expert Lectures by Industrial Experts
- Syllabus discussions with industry advisory board (Intn.)

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STG-6
ENHANCE THE INDUSTRY –INSTITUTE COLLABORATIONS

- One week value added programme on "Introducing Multisim and Labview" , One month value added programme on " Project Based Learning" in association with Wipro (TCE)
- Expert lectures/industrial visits/site visits/ study tours/vacation assignments in collaboration with industry (AT)
- Curriculum design workshops & BOS meetings with industry participation (across Depts.)
- Joint meeting with industry partner "InPods"- towards establishing COE in engineering education

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STG-7

INTRODUCE NEW PG PROGRAMS

NEW PG (M.Tech.) PROGRAMS

The Management has decided not to seek any new variations for the Academic Year 2015-16. Accordingly no new variation of intake is being sought.

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STG-8

INTRODUCE MULTI DISCIPLINARY COURSES/PROJECTS

INTRODUCE MULTIDISCIPLINARY COURSES

(Clusters approach)

- Wearable Sensor based projects with the department of ECE & ML Embedded/ Microcontroller (CSE)
- Dr. M S Dharmaprasanth-HOD Chemistry guided two inter-disciplinary projects for CV & ME course (CHY)
- Multi Disciplinary Courses : Advanced mathematics, Linear Circuit analysis, Analog Micro Electronics, Digital Electronics, Discrete Mathematics and probability, Analog integrated circuits

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STG-8

INTRODUCE MULTI DISCIPLINARY COURSES/PROJECTS

INTRODUCE MULTIDISCIPLINARY COURSES

(Clusters approach)

- Joint Student Internships (INT)
- Multi Disciplinary project at IISc-Bengaluru (BT)
- Offered cluster core courses and cluster elective courses common to EE/EC/TCE/IT/ML (by EE)
- Implementation of Mini-Projects as part of AAT (EE)
- Inter disciplinary M.tech project by faculty of CH with CV dept. (CH)

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STG-9

BRING IN INNOVATION AND CREATIVITY

FOSTER CREATIVITY AND INNOVATION IN THEIR RESPECTIVE DISCIPLINES

- Propel Lab-1: Student's participated in e-Yantra Competition and secured first place at National level
- Procured hardware for training (20 batches of students) in usage of arduino board
- Propel Lab-3: Procured and installed CNC machine
- Propel Lab-5: 8 Laptops procured and integrated with Wipro board to facilitate project base learning

BMS COLLEGE OF ENGINEERING BANGALORE
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STG-9

BRING IN INNOVATION AND CREATIVITY

FOSTER CREATIVITY AND INNOVATION IN THEIR RESPECTIVE DISCIPLINES

- Propel Lab-6: Planned to procure two Units of 3KW capacity solar and electricity generator with storage device
- Proposal : Design and construction of 6 Axis Linear Robot through Propel Lab-3
- Training to faculty on usage of hardware board development of Infrastructure by Wipro

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STG-10

ESTABLISH e-GOVERNANCE CELL

- Digitalization of Proctor Diary
- Online registration portal for conduction international conference and workshop
- Graphical representation/Reports regarding first year admission
- Generation of reports – As per the requirement of COE

BMS COLLEGE OF ENGINEERING BANGALORE
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STG-11
DEVELOP NEW CURRICULUM FOR 2014-15

- The institution is currently in the process of framing syllabus for higher semesters with special emphasis on following standards/objectives:
- Implementing Outcomes Based Education (OBE-Graduate Attributes, Programmed Outcomes)
- Consider inputs from all the stake holders (Students, Faculty, Academia, Alumni, Industry and Society)
- Stress on activity based learning, communication skills, entrepreneurship etc.
- Introduction of Self Study Component

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STG-11
DEVELOP NEW CURRICULUM FOR 2014-15

- Projects for community service (IEEE,NGOs)
- Introduction of courses during Fast Track Semester.
- Setting up of departmental advisory board (DAB) for advising in academic matters.
- Defining rubrics for assessment of academic instruments to enhance the attainment of POs.

Numerous brainstorming sessions on Curriculum Design and Development have been conducted. The feedback obtained from students, alumni, employer, community, and industry is given due weightage in framing the curriculum. The draft curriculum is being placed before the ensuing Academic council meeting scheduled to be held on 26.06.2015

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LTG-1
TO CREATE CENTERS OF EXCELLENCE IN SELECTED AREAS PREFERABLY ONE IN EACH CLUSTER

- Water jet Machining facility has been established (ME).
- Procurements of XRD, SEM are in progress (ME).
- EE faculty are actively involved in setting up Propel Lab-5 (Embedded System Lab) and Propel Lab-6 (Energy) (EE)

Proposal: To create centre of excellence in OBE to facilitate NBA accreditation (Washington Accord) for autonomous institutions, Universities, Affiliated institutes

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LTG-2
TO PROVIDE MODERN INFRASTRUCTURE FACILITY

The status of procuring equipment/Learning Resources for various departments (under TEQIP) is as follows:

- Procured – 87%; Order placed-11%
- Procurement in processes – 2%
- Centre of Excellence
- 51% - Purchase Completed
- 35% - Order placed
- 14% - of procurement is in processes

BMS COLLEGE OF ENGINEERING BANGALORE
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LTG-2
TO PROVIDE MODERN INFRASTRUCTURE FACILITY

- The Laboratories are further augmented with Equipment/Learning Resources worth Rs.412.00 Lakhs
- Procured 30 high-end Workstations, Digital Repository, Digital Library is further augmented
- PG lab with 20 workstations is established (CSE)

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LTG-3
HAVE ALL THE FACULTY WITH Ph.D QUALIFICATION AT ALL LEVELS (70%)

- Two Faculties awarded Ph.D Degree
- Five Faculties submitted Ph.D Thesis
- Shri.H K Rangavittal, Faculty ME-Thesis Defence (May 2015)
- Two faculty with PhD Degree appointed [ML/ME]

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LTG-4
ENHANCE THE INTAKE
OF UG PROGRAMMES

The Management has decided not to seek any new variations for the Academic Year 2015-16. Accordingly no new variation of intake is being sought.

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LTG-5
OBTAIN
ACCREDITATION FOR
ALL THE
LABORATORIES FROM
THE CONCERNED
AUTHORIZED
AGENCIES

Department of Civil Engineering initiated the process of accrediting the following labs in their departments:

- Building Materials testing laboratory
- Highway/pavement materials
- Environmental engineering lab

Proposals from other departments are awaited.

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LTG-6
FACILITATE STUDENTS
TO BECOME
ENTREPRENEURS
[INCUBATION CENTRE]

The following activities have been conducted by Entrepreneur Development Cell:

- Conducted workshop for aspiring Women entrepreneurs on 7th March 2015
- Conducted a certification course on "Entrepreneurship Empowerment Programme" certified by NIESBUD, GOI on June 17th 2015

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LTG-7
USE OF
TECHNOLOGIES FOR
PROVIDING SKILL
SETS & ADDITIONAL
SELF-LEARNING,
BRING IN RESEARCH
CULTURE ACROSS THE
DEPARTMENTS

- The Institution is currently in the process of reviewing the curriculum for higher semesters
- With specific reference to Self Learning Components, enhance research activities.
- Ninth Brain Storm sessions on CDD (Curriculum Design and Development) were held so far.

In the Ninth Brain Storm session held on 23.05.2015 the following points were stressed upon.

- To digitize pre-requisites for all the courses.
- To introduce online books, digital resources, MOOCs (NPTEL, EDX, COURSERA, and UDACITY etc.)

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LTG-7
USE OF
TECHNOLOGIES FOR
PROVIDING SKILL
SETS & ADDITIONAL
SELF-LEARNING,
BRING IN RESEARCH
CULTURE ACROSS THE
DEPARTMENTS

contd.....

- As per the VTU guidelines, 24 credits shall be assigned for self-study component in higher semesters.
- To encourage faculty to take up MOOC courses in their respective domain during the semester breaks.
- The Curriculum Design shall consist of all the academic requirements, relevance, global standards, industrial needs and aspirations of the students.

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LTG-7
USE OF
TECHNOLOGIES FOR
PROVIDING SKILL
SETS & ADDITIONAL
SELF-LEARNING,
BRING IN RESEARCH
CULTURE ACROSS THE
DEPARTMENTS

- The introduction of self-study component enables student's interaction with the faculty which promotes and strengthens the learning.
- It was opined that, while designing the curricula, more emphasis may be given to the requirements, of competitive examinations/ model syllabus like UPSE, IES, IAS, GATE, GRE, AICTE digital courses and MOOCs.

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LTG-8

COLLABORATE WITH
INSTITUTIONS OF
HIGHER LEARNING,
RESEARCH
ORGANIZATION FOR
EXCHANGE OF
RESOURCES

- Department of CV along with IIT-Chennai organized a national level workshop on "Emerging Trends in Transportation Engineering" sponsored by Ministry of Urban Development ,Govt. of India (further details are also provided at LTG-9)
- BMSCE-R&D centre organized an expert talk by Dr. S K Prasad Senior Scientist CNSMS, CSIR Laboratory.

BMS COLLEGE OF ENGINEERING BANGALORE
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LTG-9

COLLABORATE WITH
FOREIGN
UNIVERSITIES FOR
EXCHANGE
PROGRAMMES

- A cooperation agreement between BMSCE & Ghent University Belgium as been reached for the purpose of cooperation in educational and academic exchanges. Exchange of academic staff and research assistants form the main purpose of the agreement
- Dr.Gowrishankar-ISE BMSCE has been appointed as a visiting professor to take up one semester in Computer Science at University of Alabama in Huntsville(UAH), USA, commencing from 12.08.2015 to 22.12.2015
- Prof. Komitov of Gutenberg University-Sweden visited the campus on 18.06.2015 to explore the possibility of having collaborative research projects with basic science departments

BMS COLLEGE OF ENGINEERING BANGALORE
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LTG-11

ESTABLISH
COLLABORATIVE
LABORATORIES WITH
THE SUPPORT OF
INDUSTRY TO SERVE AS
LIVE CENTRES OF
LEARNING

- Established BMSCE- Robert Bosch automotive electronics laboratory to facilitate teaching of integrated course – Automotive Embedded System Design

BMS COLLEGE OF ENGINEERING BANGALORE
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LTG-12

OBTAIN THE STATUS OF
A PRIVATE UNIVERSITY

- The Council of Trustees in their meeting held on 07.11.2014, nominated Principal, BMSCE assisted by Director (Projects), Director (Admn.) BMSET and CFO, BMSET to prepare and submit necessary documents to concerned authorities for approval to setup BMS University
- The Trust also noted formation of Advisory Committee under the chairmanship of Dr.B.S.Sonde, Former Vice-Chancellor, Goa University
- Submitted a draft proposal to the Government authorities towards land requirement for the University.

BMS COLLEGE OF ENGINEERING BANGALORE
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Thank You



BMS COLLEGE OF ENGINEERING, BANGALORE

BOARD OF GOVERNORS (BOG) MEETING

LIST OF CANDIDATES SELECTED & APPOINTED - TEACHING

DEPARTMENT OF MECHANICAL ENGINEERING

SNo	Name	Post	Remarks
1	Dr Manu K V	Asst. Prof	Reported
2	Sri. Kiran Kumar K U	Asst. Prof	Reported

DEPARTMENT OF ELECTRICAL ENGINEERING

SNo	Name	Post	Remarks
1	Pramada P	Asst. Prof	Reported

DEPARTMENT OF ELECTRONICS ENGINEERING

SNo	Name	Post	Remarks
1	Ms. Pushpa K	Academic Intern	Reported
2	Ms. Manjula R	Academic Intern	Reported

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

SNo	Name	Post	Remarks
1	Dr. B G Prasad	Prof & Dean (IS/CS)	Reported

DEPARTMENT OF MEDICAL ELECTRONICS

SNo	Name	Post	Remarks
1	Dr. M Suheshkumar Singh	Asso Prof	Reported
2	Ms. Aparna Prabhakar	Academic Intern	Reported

DEPARTMENT OF CHEMICAL ENGINEERING

SNo	Name	Post	Remarks
1	Dr. Keertiga	Asst. Prof	Reported

DEPARTMENT OF BIOTECHNOLOGY

SNo	Name	Post	Remarks
1	Dr. Divijendra Natha Reddy	Asso Prof	Reported

DEPARTMENT OF ARCHITECTURE

SNo	Name	Post	Remarks
1	Laxmi Nagaraj	Asso Prof	AT
2	Mithila Kumar	Asst. Prof	AT
3	Neelakshi Joshi	Asst. Prof	AT



BMS COLLEGE OF ENGINEERING, BANGALORE

BOARD OF GOVERNORS (BOG) MEETING

DEPARTMENT OF MATHEMATICS

SNo	Name	Post	Remarks
1	Ms. Jyoti Shaktawat	Asst. Prof	Reported

DEPARTMENT OF CHEMISTRY

SNo	Name	Post	Remarks
1	Dr. Ananthnag G S	Asst. Prof	Reported

DEPARTMENT OF HSS

SNo	Name	Post	Remarks
1	Archana Bhat K	Asst. Prof	Reported

DEPARTMENT OF R & D

SNo	Name	Post	Remarks
1	Dr Gurumurthy Hegde	Asso Prof	Reported



BMS COLLEGE OF ENGINEERING, BANGALORE

BOARD OF GOVERNORS (BOG) MEETING

LIST OF CANDIDATES SELECTED & APPOINTED – NON-TEACHING

SNo	Name	Post	Dept.	Remarks
1	Dr.Y.Chandrashekara Reddy	Deputy COE	COE	Reported
2	Sri.Yellappa Shiralgi	Research Scholar	R&D	Reported
3	Sri.Ashok Kumar N	System Tech Asst	COE	Reported
4	Smt.Pallavi K.S.	Office Asst	MCA	Reported
5	Sri.Naveen Kumar V	Asst. Instructor	ME	Reported
6	Sri.Dandapani S	Asst. Instructor	ME	Reported
7	Sri.Praveen N	Asst. Instructor	ME	Reported
8	Sri.Vinod Kumar A.R.	Mechanic	ME	Reported
9	Sri.Mallikarjun Ramapur	Mechanic	ME	Reported
10	Sri.Devaraju C.M.	Driver Cum Attender	Dean (Mechanical)	Reported
11	Sri.Hemanth Kumar	Driver Cum Attender	Dean (Architecture)	Reported

B.M.S.COLLEGE OF ENGINEERING, BENGALURU-560 019
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-II
FIFTEENTH MEETING OF SUB-COMMITTEE OF BOG



MINUTES

DATE: 11-07-2015
VENUE: BOARD ROOM

MEMBERS PRESENT:

1. Prof. D. Thukaram, Chairman
2. Sri. M. Krishnaswamy, Member
3. Dr. K. Mallikharjuna Babu, Principal & Convenor

NODAL OFFICERS/ CO-ORDINATORS PRESENT:

1. Dr. G.N. Sekhar, TEQIP Co-ordinator-I
2. Dr. L. Ravi Kumar, TEQIP Co-ordinator-II
3. Dr. S. Gowrishankar, Nodal Officer – Academic Activities
4. Dr. H.S. Guruprasad, Nodal Officer – Academic Activities
5. Dr. M.S. Dharmaprakash, Nodal Officer – Procurement
6. Dr. K. Guruprasad, Nodal Officer – Equity Assurance Plan
7. Dr. M. Indiramma, Co-ordinator – IIIC
8. Dr. S. Srinivas, Principal Investigator, CoE
9. Dr. Chandashree Das, Principal Investigator, CoE
10. Dr. M.V. Murugendrappa, Principal Investigator, CoE

MEMBER PRESENT ON INVITATION:

1. Dr. Martin Jebraj, Director – R&D

The Principal and the convenor extended a cordial welcome to the members for the meeting.

1. Minutes of the fourteenth meeting of the BOG sub-committee held on 19th March 2015.

The minutes of the fourteenth meeting of the BOG sub-committee held on 19.3.2015 [Annexure – 1] were read and recorded.

2. Research proposals for consideration under TEQIP II

The members noted that the BOG in its 58th meeting accorded approval for submission of the proposal seeking additional funds of Rs.800 lakhs under TEQIP II. Further, the BOG subcommittee in its 14th meeting authorised the Principal to constitute expert committees to scrutinize the proposals received (i) for upgrading existing equipment / laboratory, (ii) R&D proposals. The TEQIP Coordinator-I informed the members that the TEQIP office received proposals worth Rs.588 lakhs from various departments. The members perused the recommendations of the six expert committees that have recommended 44 proposals worth Rs.310 lakhs approximately, for inclusion in the revised IDP being prepared for seeking additional funds under TEQIP.



B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-II

FIFTEENTH MEETING | 11.07.2015|SUB-COMMITTEE OF BOG | MINUTES

The Chairman of the subcommittee opined that the college shall consider high value research proposals under such projects leading to superior outcomes. The committee considered the IDP submitted to the SPFU/NPIU seeking additional funds, after detailed deliberations, the committee approved the proposal [Annexure-2].

3. Staff in the TEQIP Office

The committee noted that Smt. H. Roopa working as Office Assistant at TEQIP-II had resigned for the job quoting personal reasons and also she was relieved from her duties on 05-06-2015 and approved the same.

4. Audit of accounts for the year 2014-15

4.1 The committee noted that M/s B. N. Jayaram and Associates have completed the audit of accounts for the period 1st April 2014 to 31st March 2015. The committee perused the financial statements and utilisation certificates prepared by M/s B. N. Jayaram and Associates and accepted the audit report[Annexure-2a]

4.2 The committee noted that the internal auditors appointed by the SPFU, M/s GRSM & Associates have conducted audit of TEQIP II accounts during June 1-2, 2015 for the year 2014-15.

4.3 The committee noted that Sri Sarang Kumar and Sri Arvind Kumar of M/s Agarwal A. Kumar & Associates, Chandigarh, Chartered Accountants appointed by the SPFU have conducted the internal audit on 1-7-2015 for the period from 1st October 2014 to 31st March 2015 of TEQIP-II and COE.

The committee further noted that the auditors appointed by the SPFU will be submitting their reports to SPFU and the SPFU in turn communicates the same to the college in due course of time.

5. Performance Assessment Indicators:

The committee noted that the BMSCE has met all the nine performance indicators as per the NPIU website [Annexure-3] and expressed its satisfaction over the accomplishment made by the college.

6. Approval to the faculty, staff & students attending programs and conduction of in-house programs.

- 6.1** The committee perused the consolidated list of the approvals given by circulation with the details of faculty and students to attend programs outside the college under TEQIP-II/COE and ratified the same [**Annexure-4**].
- 6.2** The committee approved the proposals of the faculty who have proposed to attend programs outside the college under TEQIP-II/COE [**Annexure-5**].
- 6.3** The committee ratified the deputation of Dr. Suresh Ramaswamyreddy, Nodal Officer (Finance) and Smt. A. N. Shubha (SDA) to a training programme on e-FMR/ Financial Management organised by the NPIU at Mumbai on June 10th, 2015.
- 6.4** The committee approved the nomination of Professor K. Guruprasad, Nodal Officer (EAP) and Professor D. Seshachalam, HOD-ECE to attend the 'Management capacity enhancement program' organised at IIM, Indore from July 16-22, 2015.
- 6.5** The committee approved the deputation of Dr. Saakey Shamu, Professor of Civil Engg, Dr. M Ramachandra, Prof of Mechanical Engineering and Coordinator-COE to attend the 'Management capacity enhancement program' organised at IIM, Bangalore during July 20-24, 2015.
- 6.6** The committee approved the deputation of Dr. K. J. Rathanraj, HOD-IM and Dr. S. Girish, Professor-CV to attend the 'Management capacity enhancement program' organised at IIM, Lucknow from 27th to 31st July, 2015.

The committee directed the Academic Nodal Officer to organize presentations by the faculty deputed for Management Capacity Enhancement Program, highlighting the outcomes and action plan in its next meeting.

7. Post Procurement Review of files by NPIU Auditors and Statement of Review Actions submitted

The committee noted that a post procurement review of selected files was conducted by the World Bank Auditors on 26 November 2014 at NPIU, New Delhi. The committee also perused the Review Reports generated w.r.t. BMSCE and the reply provided by the institution thereon.

The Committee noted that the World Bank auditors in their general observations opined that most of the issues are related to the managements and needs to be tackled by Institutions themselves. The committee also noted that the auditors advised the Institutes to chalk out a Standard Operating Procedure (SOP)/Action plan/Check list while

B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-II
FIFTEENTH MEETING | 11.07.2015|SUB-COMMITTEE OF BOG | MINUTES

initiating procurement process, so that the common issues, observed by them can be avoided in future [Annexure - 6].

8. Post Procurement Review by SPFU and reply provided by the college

The committee perused the observations of the SPFU based on the post procurement review conducted by them on 20th January 2014, 27th March 2014, 3rd & 4th March 2015 and 31st January 2015. The committee also noted that the SPFU sought justification from the college stating that the procurement of the three packages namely: (a) TEQIP-II/KA/KA2G04/98-FPGA Kits (b) TEQIP-II/KA/KA2G04/152 – WARP Radio Board and (c) TEQIP-II/KA/KA2G04/134 – Power Lab Tutor System are not in compliance with the World Bank Guidelines quoting the reasons:

- Uniqueness of the proprietary product procured is not substantially justified;
- Quantity variation – ordered quantity is 1 No. against enquired quantity of 4 Nos;
- Enquiry was sent to M/s. Comtek whereas the OEM authorised M/s. Marutek and order was placed on M/s. Marutek.

The committee also perused the justification provided by the college and hoped that the SPFU may consider the same favourably in its next steering committee meeting and drop the observations [Annexure -7].

9. Status of Expenditure incurred under TEQIP II as on 30.6. 2015

The committee perused the details of expenditure incurred till 30.06.2015 and forecast for the next four months, submitted to the SPFU. The committee also noted that the new PIP (June 2015) permits flexibility in the allocations under the heads of accounts serially numbered from 2 to 8 below treating them as a combined head of account.

Sl. No	Head of expenditure	PROJECT ALLOCA - TION (Amt. in Lakhs)	Expenditure incurred up to 30-06-2015 (Amt. in Lakhs)	Forecast for next 4 months. (Amt. in Lakhs)				
				July	Aug	Sep	Oct	TOTAL
1	Procurement	562.50	487.40	20.65	54.45			562.50
2	Assistant ship	250.00	253.91	8.59				262.50
3	Research & Development	62.50	39.18	5.50	7.82	5.00	5.00	62.50
4	FSD	125.00	127.50	2.50				130.00
5	III Cell	62.50	48.82	3.75	4.00	5.93		62.50
6	Capacity Development	25.00	19.28	3.72	2.00			25.00
7	Reforms	12.50	7.51	2.50	2.49			12.50
8	Student Support	25.00	5.63	10.40	8.97			25.00
9	IOC	125.00	81.24	7.50	7.50	7.50	3.76	107.50
	TOTAL	1250.00	1070.47	65.11	87.23	18.43	8.76	1250.00

B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-II
FIFTEENTH MEETING | 11.07.2015|SUB-COMMITTEE OF BOG | MINUTES

10. Status of Expenditure incurred under COE as on 30.06.2015

The committee noted the following status of expenditure under the COE and noted that the progress under the heads namely: R & D, FSD and IIIC needs some more attention to augment the progress and asked the PIs to initiate necessary steps in this regard.

Sl. No.	Head of expenditure	Allocation (Rs. In lakhs)	Amount spent as on 30.06.2015 (Rs. In lakhs)
1	Procurement	275.00	141.23
2	Assistantships	50.00	10.88
3	R&D	50.00	4.39
4	Faculty & Staff Development	50.00	2.19
5	III Cells	25.00	0.94
6	IOC	50.00	14.23
	TOTAL	500.00	173.86

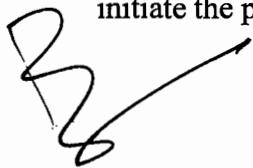
11. Seeking approval to place purchase order for X-Ray Diffractometer (XRD) System/ Equipment under the component 1.2.1 [COE in Advanced Materials Research]

The BOG subcommittee perused the following details with regard to procuring the XRD for the COE.

- 11.1** The BOG subcommittee in its seventh meeting held on 11.9.2013 accorded approval to initiate the process of procurement of X-Ray Diffractometer (XRD) System through NCB. Procurement of X-Ray Diffractometer (XRD) System was initiated through NCB on 10-10-2013 and the bids were opened on 12.11.13. Two firms have submitted their bids. (i) M/s.IR Technology Services Pvt Ltd had quoted for Rigaku Model Ultima IV at a price of Rs.92,85,200/- and (ii) M/s. Spectris Technologies Pvt Ltd quoted for PANalytical Model X'pert³ at price of Rs.1,00,88,710/-.
- 11.2** The minutes of the 6th, 7th and 8th meetings of the BOG subcommittee were approved & ratified by the BOG in its 54th meeting held on 13.1.14. The BOG in the said meeting noted that the bids received towards the procurement of Scanning Electron Microscope [SEM] and X-Ray diffraction analyser [XRD] have resulted in escalation in price to the extent of 150% of the estimated price and ordered for cancelling the previously called NCBs. The BOG also observed that the equipment SEM and XRD are technologically complex, only few manufacturers are available and all the manufacturers are outside India and hence there is limited scope for receiving bids from indigenous sources. In the said meeting, the BOG accorded approval to re-initiate the procurement process through

ICB/LIBs for these two items and the two earlier NCBs were cancelled on 10.2.14. **The BOG has also agreed to sanction additional grant of Rs.30 lakhs from the management funds, in the event of any shortage of funds for procurement of equipment.**

- 11.3** The BMSCE through PMSS, sought permission of the NPIU on 28.2.14 for initiating fresh procurement process through International Competitive Bid (ICB). In response the NPIU advised the college on 03.03.2014 to opt for LIB if it is feasible to justify its use in the cases under consideration, failing which the college shall proceed with NCB only.
- 11.4** The BOG subcommittee in its 10th meeting held on 26.5.14 perused the report of procurement committee for the COE dated 19.5.14 and directed the concerned to re-initiate the process for SEM & XRD through LIB. Subsequently, the college received a communication from the NPIU dated 15.5.14 resetting the thresholds for different modes of procurement that was silent on the mode of procurement through LIB and hence the process through LIB could not be continued for want of further directions from the BOG.
- 11.5** The BOG subcommittee in its 11th meeting held on 10.09.14 noted that the NPIU has issued a circular dated 15.05.14 by resetting the thresholds for various modes of procurement and thereby the items costing below Rs.150 lakhs have to be procured only through NCB. The subcommittee of the BOG accorded approval to initiate the NCBs for SEM & XRD. The decision was ratified & approved by the BOG in its 56th meeting held on 22.09.14.
- 11.6** The college could re-initiate procurement process for SEM through NCB on 22.09.14. But could not complete the same for XRD, as the PMSS did not permit re-initiation of procurement process for XRD, citing the reason that the total cost of items for which procurement was initiated, exceeds the total allocated budget for procurement under the TEQIP (Components 1.2 and 1.2.1 together), based on the estimates made.
- 11.7** The procurement nodal officer has taken up the issue with the officials of NPIU and requested them to intervene in the matter and remove the technical hurdle of PMSS and permit the college to re-initiate the process for XRD. Meanwhile, the Coordinator & Principal investigator of the COE opined to complete the process for SEM first and then initiate the process of XRD after getting clarity on the availability of funds under COE.



- 11.8** However, the NPIU cleared the technical constraints for including XRD in PMSS. The SPFU and NPIU approved the item in PMSS as NCB package on 18.02.2015 to proceed further. After receiving the clearance in PMSS from the NPIU, the process of NCB was re-initiated on 10.03.2015
- 11.9** The bids were opened on 08.04.2015 as per the schedule and it's noted that the same two bidders M/s.IR Technology Services Pvt Ltd and M/s. Spectris Technologies Pvt Ltd have submitted the bids. M/s.IR Technology Services Pvt Ltd had quoted for Rigaku Model Ultima IV at a price of Rs.63,64,250/- and M/s. Spectris Technologies Pvt Ltd quoted for PANalytical Model X'pert³ at a price of Rs.70,79,424/-. The bid of M/s.IR Technology Services Pvt Ltd was considered commercially and technically non-responsive and M/s. Spectris Technologies Pvt Ltd was considered responsive.
- 11.10** At this stage of Bid Evaluation, the matter was referred to NPIU & SPFU seeking pre-order approval on 09 May 2015. On 5th June 2015, the NPIU asked the SPFU to verify the procurement procedure carried out by the institution and to communicate the detailed information/action/suggestion on the issue. In this regard, on 8th June 2015, the SPFU visited the college and verified the documents pertaining to the procurement procedure followed till date. Further the SPFU on 16th June 2015, sought justification on their observations: (i) the proposed equipment has been included in the Institutional Development Plan (IDP) of COE at an estimated cost of 35 lakhs. (ii) The specification intended in the IDP have been enhanced to higher specification at a cost of 70 Lakhs.

The SPFU in its communication stated the following:

"After going through the documents produced by the institution, it is obvious that the procurement initiated first time in November 2013 is not yet complete till date with two procurement calls being cancelled and the 3rd in progress; and almost one and a half year valuable time has been lost. It is obvious that market survey and finalisation of specification were not properly leading to undue delay in procurement.

Further, delay in procurement of the proposed equipment is likely to affect the final outcomes expected from COE. Therefore, the institution is advised to go ahead with the procurement provided the coordinator of COE submits through the Principal the detailed justification in terms of advantages and outcomes likely to be achieved at the end of the project with enhanced specifications costing approximately Seventy Lakhs compared to the originally proposed lower specifications costing about Thirty Five Lakhs."



- 11.11** The Coordinator of the COE, Dr. M. Ramachandra has submitted the justification on 17th June 2015 that the enhancement in specification to Floor mounted High resolution XRD was to promote the research work on all kinds of materials (including ceramics, thin films, and biomaterials and so on) based on the oral suggestions received from the experts of IISc.
- 11.12** The SPFU on 20th June 2015 forwarded its observations and justification provided by the Coordinator of the COE, BMSCE to the NPIU seeking the advice of the NPIU for proceeding further with the procurement of XRD system. The SPFU on 26.06.2015, requested the NPIU to permit the institution to issue the purchase order to L1 for procurement of XRD.
- 11.13** The NPIU vide email dated 27th June 2015 expressed that it is in conformity with the decision of SPFU Karnataka that the institution may go ahead with the procurement with proper BOG approval within the framework of World Bank procurement guidelines. Further, the NPIU suggested the college to adhere to the instructions (Conclusion Report) given by SPFU vide e-mail dated 16th June 2015. The institution is also informed to maintain all the relevant procurement documents pertaining to above procurement at the time of post review [Annexure-8].

The committee reviewed the entire procedure followed till date including the change of specifications from desktop model to Floor Mounted Model with an escalated budget of Rs.70 Lakhs. Dr. Martin Jebaraj, Director R&D, BMSCE informed the members that the coordinator implemented the changes in specifications for procuring a Floor Mounted Model considering its advantages over the desktop version. He further reiterated that a Floor Mounted Model is very much necessary to conduct advanced materials research for which the COE is intended and Benchtop model has limited applications on advanced materials. Further, he also pointed out that the Floor Mounted Model has the advantage of up-gradation of the system whereas the Benchtop model is not suitable for the up gradation. Considering these aspects, the BOG subcommittee in its earlier meetings approved the procurement of the Floor Mounted Model of the XRD.

After detailed perusal of the records and deliberations which the BOG subcommittee further noted that right from beginning the process was initiated only for procurement of Floor Mounted model of XRD and there were no changes in the specifications once the process is initiated. The committee further noted that in the process of encouraging more competitive bids, efforts are made to initiate the process of procurement through different modes and this caused the delay in completing the process. The committee also noted that the variation in the pricing is largely due to variation in EURO-Rupee exchange rates.

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Considering the above aspects, the BOG Sub-Committee accorded approval to place purchase order with the eligible bidder M/s. Spectris Technologies Pvt Ltd for procurement of XRD (PANalytical Model X'pert³) at a price of Rs.70,79,424/-.

12. Procurement of Scanning Electron Microscope (SEM):

The Nodal Officer, Procurement informed the members that the BOG subcommittee in its 13th meeting held on 20.11.14 has accorded approval to place Purchase Order for the procurement of Scanning Electron Microscope (NCB Package Ref: TEQIP-II/KA/KA204/216) and accordingly the Purchase Order has been issued on 15/12/2014 to the eligible bidder M/s. Advance Scientific Equipment Pvt. Ltd., at the total price of Rs.95,92,153/-. He further informed that the Customs Duty Exemption Certificate (CDEC) dated 28.04.2015 has also been issued and opening of Letter of Credit (LC) is in process. The bidder needs to complete the supply within 120 days from the date of providing CDEC and the supplier is expected to complete the delivery and installation of SEM before 28.8.2015. The committee noted the status of procurement of SEM and informed the Principal Investigators to see that the Lab space is kept ready for the installation without any further delay.

13. Unauthorised absence of Mr. Madhusudhan J, Research Assistant under COE

The Committee noted that one of the research assistants appointed at the COE, Sri Madhusudhan J, assisting Prof. Ramachandra M, is absent to his duties since 10th June 2015 without any intimation, causing hindrance to the work. The attempts made by the office of the TEQIP to contact him over phone went in vain, as his phone was out of coverage area throughout. A memo dated 18.06.15 was sent to his residential address giving him an opportunity to report to his duties immediately by submitting an explanation to his un-authorized absence, for which there was no response. His father informed Dr. Ramachandra over phone that Mr. Madhusudhan has no interest to come and rejoin the work.

The committee opined that it is difficult to retain Research Assistants in the projects unless they are in pursuit of doctorate degree. Further, it is understandable that new opportunities attract them to explore their respective domains. The committee accorded approval to terminate his services with immediate effect and arrange for inducting a new person in his place [Annexure-9].

14. Consultancy and IRG Proposals

The committee discussed the proposal on fixing the charges to be levied for extending the equipment procured under COE/TEQIP-II to other academic institutions/industry for the

purpose of conduction of tests or analysis of the materials etc., the committee suggested for re-submission of the proposal considering the following:

- 14.1** The breakup of the charges should indicate the details of the consumption of other materials in the process, the matrix of hours/day/job based charges.
- 14.2** Available time slots during which the equipment can be utilised either for testing or for consultancy activities without hindering the R & D work & practical classes.
- 14.3** Clear time slots for utilisation of resources by academic/industry personnel with preference to R&D. The mode of handling the revenue generated if any, in such activities.
- 14.4** The committee opined that till a detailed discussion happens and permission is accorded for an action plan for taking up consultancy activities, the committee authorised the Principal to permit the execution of students level (Graduate, Post-graduate & Doctoral) projects at minimal charges.

15. Brief report on the conferences held at the college:

15.1 The 3rd International Conference on Micro Perspectives for Decentralized Energy Supply (MES – 2015):

The committee perused the report submitted by Dr. Suresh Ramaswamyreddy on conduction of the 3rd International Conference on Micro Perspective for Decentralized Energy Supply (MES - 2015) by the college in association with TU Berlin and UC Berkeley. The committee noted that about 121 delegates including 21 student buddies & 40 foreign nationals have participated in the conference. 36 papers were presented orally and five papers were presented through posters, in addition to the 4 panel discussions held. The committee noted that a mini-grid workshop in cooperation with The Energy Resource Institute [TERI] and UNEP, the business plan competition in cooperation with ADB-Energy for All, were held on the side-lines of the MES-2015. The committee also noted Hans-Bockler Foundation and Micro Energy International, ADA Microfinance, Schneider Electric, Karnataka Renewable Energy Department Limited (KREDL), ME SOLshare, New Ventures India, energypedia and Emerge Alliance in addition to TEQIP II have supported the conduction of the said conference. A detailed report is enclosed at **Annexure-10**.

15.2 The 5th IEEE International Advance Computing Conference - 2015 (IACC-2015):

Dr. Gowrishankar, the steering committee chair for IACC-2105 has submitted a brief report on conduction of the 5th edition of IEEE International Advance Computing Conference at BMSCE on 12th and 13th June 2015 that attracted more than 700 delegates from across the globe including eminent personalities from the world of computing and technology. The committee noted that the conference is held in association with the IT


industries namely Extreme Networks, Ruckus Wireless, VMware, Lenovo, Accenture, Binary Systems & Maheshwari Electronics and Dr. K. R. Radhika, Professor of ISE was the general chair of the conference. Dr. Gowrishankar further informed the members that about 345 research papers were presented orally & 25 papers were presented through posters and the papers presented orally are accepted for publication through IEEE Explore.

The conference had a mix of invited expert talks, high-level panel discussions, poster session, and peer reviewed papers with a truly distinguished array of personalities from industry, academia and government from across the world with the theme that focused on cloud based innovations in Social Network Analysis, Artificial Intelligence and Image Processing, High Performance Computing, Advance Computer Networks and Advanced Algorithms. A detailed report is enclosed at **Annexure-11**.

The BOG sub-committee congratulated the co-ordinators, faculty and the staff involved for organising such value based conferences on the thrust areas of research. The committee opined that college shall succeed in achieving the pre-determined outcomes while conducting such workshops/conferences to meet the targets of the TEQIP II.

The meeting concluded with a vote of thanks to the Chair.


Dr. K. MALLIKHARJUNA BABU
PRINCIPAL and CONVENOR


Prof. D. THUKARAM
CHAIRMAN



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MEMBERS PRESENT:

1. Prof. D. Thukaram, Chairman
2. Sri. M. Krishnaswamy, Member
3. Dr. K. Mallikharjuna Babu, Principal & Convenor

NODAL OFFICERS/CO-ORDINATORS PRESENT:

1. Dr. G. N. Sekhar, TEQIP Co-ordinator I
2. Dr. L. Ravi Kumar, TEQIP Co-ordinator-II
3. Dr. S. Gowrishankar, Nodal Officer - Academic Activities
4. Dr. H. S. Guruprasad, Nodal Officer - Academic Activities
5. Dr.M.S.Dharmaprakash, Nodal Officer-Procurement
6. Dr. K. Guruprasad , Nodal Officer - Equity Assurance Plan Implementation
7. Dr. C. Lakshminarayana, Nodal Officer - Equity Assurance Plan Implementation
8. Dr. M. Indiramma, Co-ordinator-IIIC
9. Dr.M.C.Sampath Kumar, Nodal Officer- CV & EM
10. Dr. M. Ramachandra, Principal Investigator & Co-ordinator, CoE
11. Dr.S.Srinivas, Principal Investigator, CoE
12. Dr.Chandashree Das, Principal Investigator, CoE
13. Dr.M.Murugendrappa, Principal Investigator, CoE

MEMBER PRESENT ON INVITATION:

1. Dr. Martin Jebaraj, Director-R&D

The Principal and the convenor extended a cordial welcome to the members for the meeting.

1. Minutes of the thirteenth meeting of the BOG sub-committee held on 11.11.14.

The minutes of the thirteenth meeting of the BOG sub-committee held on 11.11.14 were read and recorded.



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2. Review of Procurement activities under TEQIP II [1.2]

The committee took a note of the current status of procurement under TEQIP II as mentioned below:

Description	Value
Total Allotment under Procurement	Rs. 562.5 Lakhs
Procurement completed	Rs. 455.0 Lakhs
Purchase orders released & waiting for delivery	Rs. 77.0 Lakhs
Initiated and In process	Rs. 27.0 Lakhs
Balance funds available	Rs. 3.5 Lakhs

3. Post Procurement Audit by NPIU & SPFU officials

The committee noted that Dr. M. S. Dharmaprakash & Sri. R. Balaji attended the post-procurement audit held on 26.11.14 at New Delhi along with the following files identified by NPIU for audit:

- a) Contract/Ref. No. TEQIP-II/KA/KA2G04/178 - Rotavap
- b) Contract/Ref. No. TEQIP-II/KA/KA2G04/183 - Net Books
- c) Contract/Ref. No. TEQIP-II/KA/KA2G04/194 - (COE)Water Jet Cutting Machine
- d) Contract/Ref. No. TEQIP-II/KA/KA2G04/198 - Oscilloscope
- e) Contract/Ref. No. TEQIP-II/KA/KA2G04/93 - Servo Controlled Flexure Machine

The committee also noted that Sri. Raghunath, Project Officer-Procurement, SPFU & Sri. Veeranna, Registrar-SPFU visited the college and conducted a post-procurement audit on 3rd & 4th March 2015 and their report is awaited.

4. Award of Teaching & Research Assistantships:

4.1 The committee noted that altogether 214 students of M.Tech./M.Sc [Engg] by research i.e., 49 students admitted during the academic year 2012-13, 80 students admitted during the academic year 2013-14 and 85 students admitted during the academic year 2014-15 were sanctioned the teaching assistantships, permitting withdrawal requests of three students who got internship from the industry in their final year.

4.2 The committee considered the representation of Ms. Indira S., student of M.Sc. (Engg) by research, working as full time scholar since December 2011, has been awarded teaching assistantship from November 2012 to November 2014. The committee observed that her request seeking extension of the assistantship till the end of April 2015 is duly recommended by the concerned guide and HOD. After detailed deliberations, the committee approved the release of teaching assistantship to the said student till the end of February 2015.



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4.3 The committee took a note of the memo informing the concerned that the award of teaching assistantship will not be continued from 1.3.15 onwards due to the exhaust of funds under the head "Assistantship" and also noted that the students were informed to continue to register their attendance in the departments regularly.

4.4 The committee took a note that the research assistantships have been awarded to 15 research scholars and the funds allocated for disbursement of research assistantship after 1.3.2015 are not sufficient. The committee perused the mail sent by the SPFU on 19.2.2015 informing the TEQIP institutions to follow the guidelines of the communication issued by the NPIU on 18.1.2013 for revision/updation of action plan in IDP & re-appropriation of fund allocation which states that, "For academic activities, institutions can revise the action plan provided in their IDP with the approval of their BOGs as and when deemed necessary provided the planned activities are in accordance with the PIP, further the fund from procurement and IOC head of expenditure can also be re-appropriated to head of expenditure for academic activities but not vice-versa".

In view of the above, the committee approved for a transfer of Rs.12.5 lakhs from "IOC" head of expenditure to "Assistantships" head for continuation of disbursement of Research assistantship for a further period of four months till June 2015.

5. Staff in the TEQIP Office

5.1 The committee noted that the services of Smt. R. Roopashri & Smt. S. Rekha, office assistants at the TEQIP Office were terminated on the afternoon of 28.2.2015 owing to their deficient services and ratified the same.

5.2 The committee also noted that Smt. S. S. Meenakshi and Smt. N. Anitha Sreenath who were shortlisted during the interviews conducted for the positions of Office Manager in the college, were called for interview and are found to be suitable for appointing them as office assistants at TEQIP office. The committee also took a note of the recommendations of the committee to appoint Smt. S. S. Meenakshi and Smt. N. Anitha Sreenath as office assistants with consolidated pay of Rs. 16,000/-PM and Rs.12,000/- PM respectively with applicable PF & ESI as per norms. The committee accorded approval for appointing Smt. S. S. Meenakshi and Smt. N. Anitha Sreenath as office assistants as per the recommendations of the committee.



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6. Approval to the faculty, staff & students for attending programs and conduction of in-house programs.

6.1 Nomination for attending programme abroad:

The TEQIP Co-ordinator-I informed the members that in response to the SPFU's mail seeking nomination of faculty members for 'Management Capacity Development Programme' at Nanyang Technological University, Singapore and subsequent discussion regarding the same in the HODs' meeting held on 3.2.15, a mail seeking the nomination from departments was sent to all HODs on 3.2.15. Further, he informed that the nominations of (i) Dr.C.Lakshminarayana, Professor, EEE (ii) Dr.K.Guruprasad, Professor & HOD-ME and (iii) Dr.K.Ramesh Nayak, Associate Professor, IEM were received from the departments.

The committee noted that the expenditure per nomination is expected to be Rs.2,69,960/- and funds available under 'Capacity Development' are around Rs.5 lakhs. Further, it is noted that based on the financial constraint, the nomination of Dr. C. Lakshminarayana was forwarded to the SPFU with due approval from the Chairman-BOG [Annexure-1]. The committee accorded approval for the same.

6.2 The committee perused the consolidated list of the approvals of the sub-committee obtained by circulation for deputing faculty/staff members and students to attend various programs and to conduct in-house program under TEQIP II/COE [Annexure- 2]

6.3 The committee also perused the details of faculty/staff members seeking approval for attending various programs under TEQIP II/COE [Annexure- 3] and approved the same.

7. Performance & Data Audit:

The committee noted that the performance audit by Prof. Subash Babu, IIT-B and data audit by Sri. B. M. Rudresh, Faculty, GEC, K. R. Pet were conducted during 25-27, November 2014 and after perusing the reports expressed satisfaction[Annexure-4].

8. Audit of accounts by the internal auditors:

The committee noted that Agarwal A. Kumar & Associates nominated as internal auditor for TEQIP II by the SPFU, visited the college on 9th December 2014 and audited the accounts for the period April to September 2014. The committee noted the observations of the said audit [Annexure-5] and opined that the staff handling accounts at TEQIP office shall be more vigilant and responsive to the queries of the auditors. The TEQIP Co-ordinator-I informed the members that necessary steps are initiated regarding the same.



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9. 4th edition of AICTE-CII survey on Industry – Academia collaboration in Technical institutes:

The committee noted that the 4th edition of the Web based survey mandated for TEQIP institutions is open till 30th April 2015 and the Coordinator for the IIC, Dr. Indiramma has initiated steps towards completion of the same.

10. Institutional Performance Assessment

The committee noted that the BMSCE has met all the 12 performance indicators as on 31st October 2014 as per the review held at the 4th JRM during December 8-19, 2014, [Annexure-6]. The committee also noted that the NPIU has informed the institutions to meet 9 more indicators in addition to meeting the previously set 12 indicators, latest by 30th April 2015 [Annexure-7]. The committee also noted that submission of revised IDP for 2016 with updated target indicators is one among the nine additional indicators for compliance. The committee also took a note of SPFU's mail dated 19.2.2015 informing all the institutions to prepare an IDP with an estimated cost of Rs.6 to Rs.8 Crores [Annexure-8] and BMSCE proposed to submit the revised IDP seeking additional grant of Rs.8 Crores.

The TEQIP Coordinator-I informed the committee that steps are initiated for preparation of the revised IDP by calling (i) proposals for upgrading existing equipment/laboratory from the HODs (ii) proposals for R&D projects from the faculty members and (iii) Plan of action for conduction of Workshops/training programs/seminars/symposia etc. from all the departments. The committee authorised the Principal to convene the meeting of experts for scrutiny of the R & D proposals received.

11. Meeting of the Principals & co-ordinators at SPFU:

The Principal informed the committee that meetings of the Principals and co-ordinators were held at SPFU in the presence of the Principal Secretary, Higher Education, GoK on 3rd December 2014 and 16th March 2015, wherein the Principals made presentation on the status of activities and achievements under TEQIP II & CoE [Annexure-9].

12. Release of funds and status of Expenditure incurred under TEQIP II as on 16.3.2015 out of 9 crores of grants received.

The TEQIP Coordinator-I informed the committee that the NPIU has communicated about the release of 4th instalment of TEQIP II funds vide letter dated 7.1.15 and the college is expecting release of Rs.2 crores from the SPFU-Karnataka by 31.3.2015 and the BMSET has sanctioned an advance of Rs. One Crore to TEQIP to keep the pace of activities. The committee noted the following details of expenditure incurred as on 16.3.15 and the plan of action on utilisation of balance funds put forth by the nodal officers present.



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Head of Expenditure	Allocation (Rs. In lakhs)	Amount spent As on 16.3.15 (Rs. In lakhs)	Committed expenditure as on 16.3.15 (Rs. In lakhs)	BALANCE
a)Procurement	562.5	447.74	77.00	37.76
b)Assistantships	250	248.51	0	1.49
c)R&D	62.5	27.76	2.5	32.24
d)Faculty & Staff Development	125	121.87	3.02	0.11
e)III Cells	62.5	46.75	0.20	15.55
f) Capacity Development	25	19.23	0.05	5.72
g)Reforms	12.5	6.2	0.18	6.12
h)Student Support [EAP]	25	5.39	0.24	19.37
i)Incremental Operating Cost	125	73.45	2.3	49.25
TOTAL	1250	996.90	85.49	167.61

Plan of action for utilisation of balance of funds:

12.1 Procurement: The Procurement nodal officer Dr. M. S. Dharmaprakash informed the committee that procurement to the extent of about Rs.559 lakhs has been completed/committed/initiated and there is a need to draw procurement plan for the balance fund of Rs. 3.5 to Rs. 4 lakhs. The Academic nodal officers proposed the annual subscription of Anti-Plagiarism software namely "Turnitin", a proprietary item of M/s iParadigms Europe Limited from their exclusive distributors in India i.e., M/s iGroup Infotech India Pvt. Ltd., Noida at an estimated cost of about Rs. 4,00,000/-. The committee after detailed discussion, accorded approval for subscribing the same, considering the importance and need to check the originality of the content of the research papers/reports being produced and published by the members of BMSCE, with the financial assistance of TEQIP funds.

12.2 Assistantships: The TEQIP Co-ordinator-I informed the members that the teaching assistantship due till February 2015 to the students of M.Sc [Engg] by research, teaching assistantship to the nine final year students belonging to the SC/ST category till the end of May 2015 and the research assistantship to 14 research scholars till the end of June 2015 would be met out of the balance fund of Rs. 13.99 lakhs, i.e, after transferring Rs.12.5 lakhs to the head of Assistantships from the head of IOC.



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12.3 R&D: The TEQIP Co-ordinator-I informed the members that the committee has already accorded approval for a financial assistance upto Rs. 5 lakhs for each of the national conferences namely (i) 3rd International Conference on Micro Perspectives for Decentralised Energy Supply-MES 2015", to be held during 23rd to 25th April 2015 in association with Technical University of BERLIN, Germany and University of California, Berkeley, USA and (ii) IACC 2015-IEEE International Advance Computing Conference" during June 12-13, 2015.

The committee accorded approval for the proposal of TEQIP Coordinator-I to utilise the balance fund of about Rs. 20 lakhs towards the project work of students of M.Tech/MSc [Eng.] by research, the fiscal incentive upto a maximum of Rs.20,000/- per a batch of 3 to 4 students of final year for their final semester Project work, [current academic year ends by June 2015], the expenditure for chemicals, consumables/lab tests etc., by the research scholars registered in the college, the honorarium & travel expenses in respect of experts' services approved for the Mechanical and Electrical cluster departments, for supporting the faculty for their journal publications if any and for the conduction of programs on R&D topics. The committee noted that with the above proposed utilisation of fund, the fund under the head of R & D will exhaust by the end of June 2015.

12.4 Faculty & Staff Development : The committee accorded approval to the proposal of Academic Nodal Officer [TNA] Dr. Gowrishankar for meeting the expenditure up to Rs.5 lakhs from the head of IOC towards Faculty & Staff Development and noted that this re-appropriation will keep the pace of the activities under the head 'faculty & staff development'.

12.5 III Cell: Dr. Indiramma, Coordinator for IIIC, informed the members that an amount of Rs.4 lakhs would be spent on activities related to UG & PG students' placement, an amount of Rs.5 lakhs towards the conduction of the PHASE SHIFT 2015 – an event of the annual interaction with the industries on the side lines of exhibition of final year students' projects and ongoing R & D work of the VTU research centres at BMSCE. Further, she informed the members that the remaining Rs.6.5 lakhs would be utilised towards industrial visits, conduction of industry related workshops, seminars and other related expenditure under the 22 MOUs that the college made with various industries.

12.6 Capacity Development: The TEQIP Co-ordinator-I informed the members that the expenses of management capacity development program to be attended by Dr. Lakshminarayana at Singapore [if the travel is approved by SPFU/NPIU] would be met out, under this head of account and the remaining amount would be spent on the 'management capacity development program' for HODs and senior professors proposed to be conducted in collaboration with the premier institutions of the country.

12.7 Reforms: The TEQIP Co-ordinator-I informed the members that it is proposed to meet the accreditation fee for NBA and to meet the expenditure on the meetings to be



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conducted on curriculum revision/restructuring and guest lectures by experts etc., from the balance amount of Rs.6.12 lakhs, under this head.

12.8 Student Support [EAP]: The coordinators of the EAP, Dr. Guruprasad & Dr. Lakshminarayana informed the members that printed workbook/study material designed and developed by the faculty of English, Prof. Rajalakshmi, is made available for the UG students who have failed in the online diagnostic test conducted and special classes in Mathematics have been conducted to the slow learners. They have also informed the members that it is proposed to conduct training on soft skills to the M.Tech. Students by utilising the balance fund of this head of account and they have completed conduction & evaluation of the diagnostic tests.

12.9 Incremental Operating Cost: The TEQIP Co-ordinator-I informed the members that after the transfer of Rs.17.5 lakhs as per the approved re-appropriation, the remaining amount of about Rs.32 lakhs will be utilised to meet the salary expenses of TEQIP office staff, remuneration to staff and other permissible expenditure under this head of account till the end of the project period.

The committee accorded approval for the re-appropriation of funds from the head of account of IOC to the head of accounts namely, Assistantships and Faculty & Staff development as noted above while noting the proposed plan of action for utilisation of balance of fund under various head of accounts.

The committee sought a brief report on the impact of TEQIP activities on the students in terms of their semester results, placement, publication etc., from the Academic Nodal officers. Dr. H. S. Guruprasad & Dr. S. Gowrishankar and they have agreed to present the details in the next BOG subcommittee meeting.

13 R&D Proposals by BE students:

13.1 Design & Development of Quad copter:

The committee perused the proposal submitted by the 6th semester students of BE [TC] for building 'QUADCOPTER', in-house with a financial assistance of Rs.52,000/- towards parts & consumables and accorded approval for same.

13.2 Prototype experiment:

The committee took a note of the proposal submitted by Sri. Gyanendra Kumar Sah, 1 year student of BE [EEE] for conducting prototype experiment and ratified the release of financial assistance of Rs.10,000/- for the said proposal.

13.3 Integrated Nano-Grid:

The committee perused the proposal submitted by Dr.P.Meena & HOD-EEE consisting of 12 students of BE [EEE] for an in-house project, 'Integrated Nano-Grid' seeking a financial assistance of Rs.1.26 lakhs towards parts & consumables and accorded approval for same.



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14 CENTER OF EXCELLENCE IN ADVANCED MATERIALS RESEARCH

14.1 Status of Expenditure incurred under COE as on 16.3.2015

The committee noted the following financial status/expenditure incurred under the COE as on 16.3.2015:

Head of Expenditure	Allocation	Amount spent	Committed expenditure
	(Rs. In lakhs)	(Rs. In lakhs)	(Rs. In lakhs)
Procurement	275	114.39	122.15
Assistantships	50	6.8	1.36
R&D	50	3.94	-
Faculty & Staff Development	50	0.77	-
Ill Cells	25	0.20	-
Incremental Operating Cost	50	9.86	1.35
TOTAL	500	135.96	124.86

14.2 Progress of procurement made as on date:

The committee also noted the status of procurement as on date as mentioned below:

Description	Value
Total Allotment under Procurement	Rs. 275 Lakhs
Procurement completed	Rs.123 Lakhs
Purchase orders released & waiting for delivery	Rs. 96 Lakhs
Initiated and In process (estimated cost)	Rs. 70 Lakhs

14.3 Appointment of Research Assistants, operators under COE:

(i) The committee noted that applications were invited for appointment of (i) Research Assistants, (ii) operator for multi axis abrasive waterjet cutting machine (iii) operator for the Scanning Electronic Microscope [SEM] and X-RAY DIFFRACTOMETER SYSTEM [XRD] during February 2015 and interview was conducted for the eligible candidates on 18.3.15. The committee perused the recommendations of the selection committee and accorded approval to appoint (i) Sri. Niranjana C.A. (ii) Sri. Madhu Sudan J. and (iii) Smt. Rani Sutar as research assistants under the COE at a consolidated monthly remuneration of Rs. 18,000/-.

(ii) The committee also accorded approval for appointment of (i) Sri.K.Rajesh as operator for SEM & XRD at a consolidated salary of Rs.22,000/-per month with applicable PF and (ii) Sri. G. Shivanna as operator for waterjet cutting machine at a consolidated salary of Rs.18,000/- per month with applicable PF.



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14.4 Activities initiated:

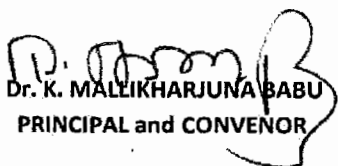
Dr. M. Ramachandra, Coordinator, COE informed the members that the following activities have been initiated under the COE:

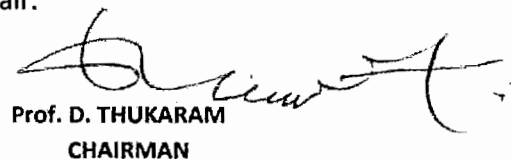
- (i) A tender notification was publicised in the national/regional daily News Papers for procurement of XRD through NCB on 10 March 2015.
- (ii) Under Collaborative research efforts, Sri. Madhav Murthy and Sri. Ram Rohit have availed support from COE to carry on their projects.
- (iii) The equipment namely Dual Sputtering Equipment, Precision Impedance Analyser and Water Jet cutting machine are installed and put to use.
- (iv) The village namely, 'Kethuhalli' near Bidadi has been identified for adoption by the college under COE as per the directions of NPIU/SPFU for implementing Technology transfer as desired by the MHRD.
- (v) 17 students of the first batch of M.Tech. (Manufacturing Engineering) are awarded teaching assistantship for the year 2014-15.

15 Any other items with the permission of the Chair

The committee noted that Sri.Nemiraj Kanti, Registrar, placed as in-charge AAO, in place of Sri.B.R.Mahadevaiah has been paid the honorarium/ remuneration from TEQIP II and ratified the same.

The meeting concluded with a vote of thanks to the chair.


Dr. K. MALLIKHARJUNA BABU
PRINCIPAL and CONVENOR


Prof. D. THUKARAM
CHAIRMAN

ANNEXURE-2

The Expert Committees were constituted and the meetings were held as below:

a) The Expert Committee meeting held on 26th March 2015 at TEQIP seminar hall:

Name of Committee Members		Departments
<ul style="list-style-type: none">Prof. Sudheer, Dept. of Electronics Engg, UVCE Bangalore	Chairman	<ul style="list-style-type: none">Electrical & Electronics EngineeringElectronics & Communication EngineeringInstrumentation & Technology (E&I)Telecommunication EngineeringMedical Electronics
<ul style="list-style-type: none">Prof. Lawrence Jenkins, Electrical & Electronics Engineering, IISc, Bangalore	Member	
<ul style="list-style-type: none">Prof. Martin Jebraj, R&D Director, BMSCE Bangalore	Member	

b) The Expert Committee meeting held on 27th March 2015 at Board Room:

Name of Committee Members		Departments
<ul style="list-style-type: none">Prof. Jayanth M.Modak, Department of Chemical Engineering, IISc, Bangalore	Chairman	<ul style="list-style-type: none">Bio-TechnologyChemical EngineeringChemistryPhysics
<ul style="list-style-type: none">Prof. Giridhar.M, Department of Chemical Engineering, IISc, Bangalore	Member	
<ul style="list-style-type: none">Prof. Martin Jebraj, R&D Director, BMSCE Bangalore	Member	

c) The Expert Committee meeting held on 27th March 2015 at TEQIP seminar hall:

Name of Committee Members		Departments
<ul style="list-style-type: none">Prof. V.Arunkumar Former Scientist, NAL & Prof.Dr.AIT Bangalore	Chairman	<ul style="list-style-type: none">Industrial Engineering & Management
<ul style="list-style-type: none">Prof.N.V.R.Naidu Department of Industrial Engineering & Management, MSRIT Bangalore	Member	
<ul style="list-style-type: none">Prof. Martin Jebraj, R&D Director, BMSCE Bangalore	Member	

d) The Expert Committee meeting held on 27th March 2015 at TEQIP seminar hall:

Name of Committee Members		Departments
<ul style="list-style-type: none"> Prof.Rajanikanth Former Principal, MSRIT Bangalore 	Chairman	<ul style="list-style-type: none"> Computer Science & Engineering
<ul style="list-style-type: none"> Deepak D Souza Assoc Professor Department of CSE, IISc Bangalore 	Member	

e) The Expert Committee meeting held on 27th March 2015 at TEQIP seminar hall:

Name of Committee Members		Departments
<ul style="list-style-type: none"> Prof.A.Sridharan Department of Civil Engineering, IISc, Bangalore 	Chairman	<ul style="list-style-type: none"> Civil Engineering
<ul style="list-style-type: none"> Prof. Martin Jebraj, R&D Director, BMSCE Bangalore 	Member	

f) The Expert Committee meeting held on 24th March 2015 at TEQIP seminar hall:

Name of Committee Members		Departments
<ul style="list-style-type: none"> Dr. S.Seshan Prof, Mechanical Engineering, IISc, Bangalore 	Chairman	<ul style="list-style-type: none"> Mechanical Engineering
<ul style="list-style-type: none"> Prof. V.Arun Kumar, Former Scientist, NAL & Prof., Dr.AIT Bangalore 	Member	
<ul style="list-style-type: none"> Prof Martin Jebaraj, R&D Director, BMSCE 		

BMS COLLEGE OF ENGINEERING, BANGALORE 560 019

Technical Education Quality Improvement Programme – Phase II (TEQIP-II)

MINUTES OF THE EXPERT COMMITTEE MEETING HELD ON 26.03.2015 AT 11:30 AM IN THE TEQIP SEMINAR HALL OF THE COLLEGE TO REVIEW THE PROPOSALS FOR TEQIP PHASE II SUBMITTED BY DEPARTMENTS OF ELECTRICAL & ELECTRONICS ENGINEERING (EEE), ELECTRONICS & COMMUNICATION ENGINEERING (ECE), INSTRUMENTATION & TECHNOLOGY (E&I), TELECOMMUNICATION ENGINEERING (TCE) AND MEDICAL ELECTRONICS (ML)

Members Present:

- | | |
|---|----------|
| 1. Prof. Lawrence Jenkins | Chairman |
| Professor,
Department of Electrical & Electronics Engineering
IISc, Bangalore | |
| 2. Dr.M.L.Sudheer | Member |
| Professor
Department of Electronics Engineering,
UVCE, Bangalore | |
| 3. Dr.G.N.Sekhar-Vice-Principal & Programme Coordinator-I | |
| 4. Dr.L.Ravikumar- Programme Coordinator-II | |

At the outset, Vice-Principal, BMSCE extended a cordial welcome to the distinguished members of the Committee. The Vice-Principal then gave a brief overview of the TEQIP [Phase II] project and efforts to get additional funds to the Institution and events leading to the present meeting.

Pursuant to this, the HoDs and faculty members of the concerned Departments who submitted Research proposals made brief presentations in the following streams:

- | | |
|--|---------------|
| 1. ELECTRICAL & ELECTRONICS ENGINEERING (EEE) | - 4 Proposals |
| 2. ELECTRONICS & COMMUNICATION ENGINEERING (ECE) | - 6 Proposals |
| 3. INSTRUMENTATION & TECHNOLOGY (E&I) | - 1 Proposal |
| 4. TELECOMMUNICATION ENGINEERING (TCE) | - 3 Proposals |
| 5. MEDICAL ELECTRONICS | - 3 Proposals |

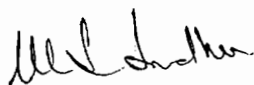
The Committee met and discussed the proposals prepared by the Departments in respect of the proposed Research activities at the College to be financed under TEQIP II. Each investigator made a brief presentation of the proposal before the Committee indicating the main activities of the research. Each of them also gave highlights of the proposals submitted listing the equipment

requirements for augmenting the facilities including the estimated cost for the same. The investigators were requested to include all the suggestions made by the Committee members and reconsider the budget requirement and submit the proposals with the revised budget details without compromising the objective of the project. All the proposers submitted their revised proposal to the expert committee for consideration. The committee advised the proposers to explore possibilities of getting additional funds from other sources.

Dr. Ravishankar Deekshit, HOD- EEE and Shri. Harish. V. Mekali, Assistant Professor - ECE withdrew one proposal each as per the directions of the committee. After the revised proposals were received, the Committee considered all the revised proposals to be meritorious and recommended 15 proposals to encourage the R & D activities.

The finalized list indicated by the Departments are given in Annexure-I.

It is recommended that the proposals may be given due consideration for further process of getting additional funds under TEQIP-II.



Dr. M.L. Sudheer
Professor - Electronics Engineering,
UVCE, Bangalore



Prof. Lawrence Jenkins
Professor - Electrical & Electronics
Engineering, IISc, Bangalore

Technical Education Quality Improvement Programme Phase II (TEQIP II)

**Research Proposals recommended by Experts for consideration from additional grants under
TEQIP-II Grants (31 03 2015)**

SI No	Title of the Proposal	Dept	Name of the Investigator	Designation	Estimated Cost		
					Non-Recurring-Lakhs	Recurring-Lakhs	Total Budget in Lakhs
1	Design and Implementation of Wind Turbine based Intelligent and Efficient Enrgy Harvesting Control System	Electrical & Electronics Engineering	Dr. Lakshminarayana.C	Professor	6.09	0.65	6.74
2	Switched Reluctance Machine (SRM) Drive (Equipment Proposed)		Dr. L. Venkatesha	Professor	9.00		9.00
3	A novel method to demonstrate the effective utilization of renewables on an integrated grid		Dr. P.Meena	Associate Professor	2.50	4.00	6.50
Total					17	5	22

1	Development of it driven agronomy for rural india	Electronics & Communication Engineering	Dr. Veena M.B	Associate Professor	5.27	0.75	6.02
2	Equipment Proposed- Wireless Digital Communication Traning platform, RF power Measurement meter, GSM/ GPRS Module, Laptops		Suma M N	Associate Professor	13.31	0.00	13.31
3	Design and development of IoT device for smart irrigation		Harish V Mekali	Assistant Professor	5.00	2.00	7.00
4	Ubiquitous lab assistant system		Harish V Mekali	Assistant Professor	2.20	1.20	3.40
5	Real Time Health monitoring of flyovers		Dr K P Lakshmi	Associate Professor	4.00	1.00	5.00
Total					30	5	35

Technical Education Quality Improvement Programme Phase II (TEQIP II)

**Research Proposals recommended by Experts for consideration from additional grants under
TEQIP-II Grants (31 03 2015)**

Sl No	Title of the Proposal	Dept	Name of the Investigator	Designation	Estimated Cost		
					Non- Recurring- Lakhs	Recurring- Lakhs	Total Budget in Lakhs

1	Neuroprosthesis implant of Bio MEMs to enhance visual ability	Instrumentation	Dr Mamatha M N	Associate Professor	2.50	0.50	3.00
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Total

3	1	3
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1	Internet of Things(IOT) Measurement and Control Lab	Telecommunication Engineering	T.Anushalalitha	Assistant Professor	1.00	1.00	2.00
2	Computer Network with Data Communication Laboratory		Shreenivas B	Assistant Professor	4.28	1.73	6.01
3	Software Defined Radio(SDR) Design Laboratory		Pushpavathi.K.P	Assistant Professor	7.09		7.09

Total

12	3	15
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1	IOT based e-Health Enabled Biosignal Monitoring Platform and its Analytics	Medical Electronics	Dr H N Suma	Professor & Head	7.50		7.50
2	Fabrication of Nano films Tin Oxide (Sno2) Humidity Sensor using physical Vapour Deposition technique for humidity sensor applications		Appaji M Abhishek	Assistant Professor	8.00		8.00
3	24 Channel EEG USB Powered portable EEG System for upgradation of PG Lab		Mrs.Vijalakshmi	Assistant Professor	3.50		3.50

Total

19	0	19
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BMS COLLEGE OF ENGINEERING, BANGALORE 560 019

Technical Education Quality Improvement Programme – Phase II (TEQIP-II)

**MINUTES OF THE EXPERT COMMITTEE MEETING HELD ON 31-03-2015
AT 10:30 AM IN THE TEQIP SEMINAR HALL OF THE COLLEGE TO REVIEW
THE PROPOSALS FOR TEQIP PHASE II SUBMITTED BY DEPARTMENTS OF
BIOTECHNOLOGY, CHEMICAL ENGINEERING, CHEMISTRY AND PHYSICS.**

Members Present:

- | | |
|--|--|
| 1. Prof.Jayant.M.Modak | Chairman |
| Department of Chemical Engineering,
IISc, Bangalore | |
| 2. Prof Giridhar.M | Member |
| Department of Chemical Engineering,
IISc, Bangalore | |
| 3. Dr.Martin Jebaraj | Member |
| R & Director, BMSCE, Bangalore | |
| 4. Dr.K.Mallikharjuna Babu, | Principal, BMSCE |
| 5. Dr.G.N.Sekhar | Vice-Principal & Programme Coordinator-I |
| 6. Dr.L.Ravikumar, | Prof Mechanical Engg. & Prog. Coordinator-II |

At the outset, Principal, BMSCE extended a cordial welcome to the distinguished members of the Committee. The Principal then gave a brief overview of the TEQIP [Phase II] project, Institutional allocation and events leading to the present meeting.

Pursuant to this, the HoDs and faculty members of the concerned Departments who submitted Research proposals made brief presentations in the following streams:

- | | |
|-------------------------|-------------|
| 1. BIOTECHNOLOGY | 2 Proposals |
| 2. CHEMICAL ENGINEERING | 3 Proposals |
| 3. CHEMISTRY | 4 Proposals |
| 4. PHYSICS | 1 Proposal |

The Committee met and discussed the proposals prepared by the Departments in respect of the proposed Research activities at the College to be financed under TEQIP II. Each proposer made a brief presentation of the proposal before the Committee indicating the main activities of the research. Each of them also gave highlights of the proposals submitted listing the equipment requirements for augmenting the facilities including the estimated cost for the same. The committee directed Dr.G.N.Rameshaiah, Associate Professor, Department of Chemical Engineering to resubmit the proposal with clear objectives for consideration during the next call for proposals.

The investigators were requested to include all the suggestions made by the Committee members and relook into the budget requirement and submit the proposals with the revised budget details.

All the proposers except Dr.G.N.Rameshaiah submitted their revised proposal to the expert committee for consideration. The committee advised the proposers to explore possibilities of getting additional funds from other sources.

The Committee considered all the nine revised proposals to be meritorious and recommended all the proposals of the Departments to encourage the R & D activities.

The finalized list indicated by the Department is given in Annexure-I.

It is recommended that the proposals may be given due consideration for further process of getting additional funds under TEQIP-II.



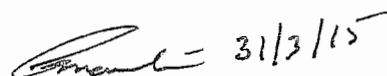
Prof. Jayant. M. Modak
Department of Chemical
Engineering,
IISc, Bangalore

Chairman



Prof Giridhar M
Department of Chemical
Engineering,
IISc, Bangalore

Member



Dr Martin Jebaraj
R & D Director,
BMSCE

Member

Technical Education Quality Improvement Programme Phase II (TEQIP II)

**Research Proposals recommended by Experts for consideration from additional grants under
TEQIP-II Grants (31 03 2015)**

Sl No	Title of the Proposal	Dept	Name of the Investigator	Designation	Estimated Cost		
					Non-Recurring-Lakhs	Recurring-Lakhs	Total Budget in Lakhs
1	Cloning,overexpression purification anf Biochemical and Biophysical Studies on Human Phospholid Scramblase 1(hpLSCR1) upon metal ion binding	Biotechnology	Ashok Kumar S	Assistant Professor	9.00	1.00	10.00
2	Studies on the in-vitro propagation of <i>Exacum bicolor roxb.</i> and evaluation of its bio active compounds for treatment of cancer.		Dr. V. Saisha	Assistant Professor	5.50	1.50	7.00
Biotechnology - Total					15	3	17

1	Experimental investigation of burning behavior of biomass blends in oxy-fuel environment	Chemical Engineering	Shivakumar R	Assistant Professor	4.40	1.60	6.00
2	Equipment Proposed-a) High Quality water purification system for biochemical analysis b) Brookfield Viscometer c) Ultra-sonicator d) Siphon Pump with auto sampler for existing UV Visible System		Dr. Chetan A Nayak	Assistant Professor	10.00	0.00	10.00
Chemical Engineering - Total					14	2	16

Technical Education Quality Improvement Programme Phase II (TEQIP II)

**Research Proposals recommended by Experts for consideration from additional grants under
TEQIP-II Grants (31 03 2015)**

SI No	Title of the Proposal	Dept	Name of the Investigator	Designation	Estimated Cost		
					Non-Recurring-Lakhs	Recurring-Lakhs	Total Budget in Lakhs
1	Synthesis and Applications of some Novel Derivatives of Isatin and other Indole Alkaloids	Chemistry	Dr. Madhu G	Assistant Professor	8.00	2.00	10.00
2	Ethanol production from prehydrolysis liquor of pulp and papert industries		Dr.Dharamaprakash M S	Professor	0.00	1.00	1.00
3	Liquid Crystals carbon nanospheres incorporated composite mixture for enhancing phase transition		Dr.Gurumurthy Hegde	Associate Professor	10.00	0.00	10.00
4	Development of ceria/titania doped Zirconia-graphene composites for photocatalysis and energy applications		Dr. K L Nagashree	Assistant Professor	2.30	0.70	3.00
Chemistry - Total					20	4	24

1	Optical Storage Material	Physics	B L Suresha	Assistant Professor	9.00	1.00	10.00
Physics - Total					9	1	10

COLLEGE OF ENGINEERING, BANGALORE 560 019

Technical Education Quality Improvement Programme – Phase II (TEQIP-II)

MINUTES OF THE EXPERT COMMITTEE MEETING HELD ON 27.03.2015 AT 12.00 PM IN THE TEQIP SEMINAR HALL OF THE COLLEGE TO REVIEW THE PROPOSALS FOR TEQIP PHASE II SUBMITTED BY DEPARTMENT OF INDUSTRIAL ENGINEERING & MANAGEMENT

Members Present:

- | | |
|---|----------|
| 1. Prof. V.Arunkumar
Former Scientist,NAL & Prof.Dr.AIT Bangalore | Chairman |
| 2. Prof. N.V.R.Naidu
Dept. of Industrial Engineering & Management
MSRIT Bangalore | Member |
| 3. Prof.Martin Jebaraj
R & D Director, BMSCE | Member |
| 4. Dr.K.Mallikharjuna Babu-Principal, BMSCE | |
| 5. Dr.G.N.Sekhar-Vice-Principal & Programme Coordinator-I | |
| 6. Dr.L.Ravikumar, Professor Mechanical Engg. & Programme Coordinator-II | |

At the outset, Principal, BMSCE extended a cordial welcome to the distinguished members of the Committee. The Principal then gave a brief overview of the TEQIP [Phase II] project, Institutional allocation and events leading to the present meeting.

Pursuant to this, the HoDs and faculty members of the Department of Industrial Engineering & Management who submitted Research proposals made brief presentations in the following streams:

1. INDUSTRIAL ENGINEERING & MANAGEMENT – 3 Proposals

The Committee met and discussed the proposals prepared by the Departments in respect of the proposed Research activities at the College to be financed under TEQIP II. Each proposer made a brief presentation of the proposal before the Committee indicating the main activities of the research. Each of them also gave highlights of the proposals submitted listing the equipment requirements for augmenting the facilities including the estimated cost for the same. The investigators were requested to include all the suggestions made by the Committee members and relook into the budget requirement and submit the proposals with the revised budget details. All the proposers submitted their revised proposal to the expert committee for consideration. The committee advised the proposers to explore possibilities of getting additional funds from other sources.

After the revised proposals were received, the Committee considered all the revised proposals to be meritorious and recommended all the proposals of the Department Industrial Engineering & Management to encourage the R & D activities.

The finalized list indicated by the Department is given in Annexure-I and Annexure II.

It is recommended that the proposals may be given due consideration for further process of getting additional funds under TEQIP-II.



Prof.V.Arun kumar
Former Scientist,NAL &
Prof.Dr.AIT Bangalore


27/3/15
Prof. N.V.R.Naidu
Dept. of Industrial Engineering &
Management. MSRIT Bangalore
27/3/15

Prof.Martin Jebaraj
R & D Director,
BMSCE, Bangalore

Technical Education Quality Improvement Programme Phase II (TEQIP II)

**Research Proposals recommended by Experts for consideration from additional grants under
TEQIP-II Grants (31 03 2015)**

SI No	Title of the Proposal	Dept	Name of the Investigator	Designation	Estimated Cost		
					Non-Recurring-Lakhs	Recurring-Lakhs	Total Budget in Lakhs
1	Development of bumpfoil radial air bearing testing for application in typical in small gas turbine and testing air foil thrust bearing	Industrial Engineering & Management	Dr. Rathanraj K.J	Professor and Head	9.80	0.20	10.00
2	"Establishing Fundamental Data For Human Engineering Research"		Dr.B. Ravishankar	Professor & Associate Dean (Placements)	7.73		7.73
3	Design and Develop Business Intelligence tool to automatically detect and collect the information to perform logical OR operation		Dr. B R Ramji	Assistant Professor	6.16		6.16
Total in Lakhs					24	0	24

BMS COLLEGE OF ENGINEERING, BANGALORE 560 019

Technical Education Quality Improvement Programme – Phase II (TEQIP-II)

**MINUTES OF THE EXPERT COMMITTEE MEETING HELD ON 27.03.2015
AT 10:30 AM IN THE TEQIP SEMINAR HALL OF THE COLLEGE TO REVIEW
THE PROPOSALS FOR TEQIP PHASE II SUBMITTED BY DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING**

Members Present:

- | | |
|--|----------|
| 1. Prof. Rajanikanth | Chairman |
| Former Principal, MSRIT, Bangalore | |
| 2. Prof Deepak D Souza | |
| Professor, | |
| Department of Computer Science and Engineering | Member |
| IISc Bangalore | |
| 3. Dr.K.Mallikharjuna Babu-Principal, BMSCE | |
| 4. Dr.G.N.Sekhar-Vice-Principal & Programme Coordinator-I | |
| 5. Dr.L.Ravikumar, Professor Mechanical Engg. & Programme Coordinator-II | |

At the outset, Principal, BMSCE extended a cordial welcome to the distinguished members of the Committee. The Principal then gave a brief overview of the TEQIP [Phase II] project, Institutional allocation and events leading to the present meeting.

Pursuant to this, the HoDs and faculty members of the Department Computer Science & Engineering who submitted Research proposals made brief presentations in the following streams:

COMPUTER SCIENCE & ENGINEERING (CSE) – 3 Proposals

The Committee met and discussed the proposals prepared by the Departments in respect of the proposed Research activities at the College to be financed under TEQIP II. Each proposer made a brief presentation of the proposal before the Committee indicating the main activities of the research. Each of them also gave highlights of the proposals submitted listing the equipment requirements for augmenting the facilities including the estimated cost for the same. The investigators were requested to include all the suggestions made by the Committee members and relook into the budget requirement and submit the proposals with the revised budget details. All the proposers submitted their revised proposal to the expert committee for consideration. The committee advised the proposers to explore possibilities of getting additional funds from other sources.

After the revised proposals were received, the Committee considered all the revised proposals to be meritorious and recommended all the proposals of the Department of Computer Science & Engineering to encourage the R & D activities.

The finalized list indicated by the Department is given in Annexure-I and Annexure II.

It is recommended that the proposals may be given due consideration for further process of getting additional funds under TEQIP-II.



Prof Deepak D Souza
Assoc. Professor,
Department of CSE
IISc Bangalore

K. Rajan 27/3/2015
Prof. Rajanikanth
Former Principal,
MSRIT, Bangalore

Technical Education Quality Improvement Programme Phase II (TEQIP II)

**Research Proposals recommended by Experts for consideration from additional grants under
TEQIP-II Grants (31 03 2015)**

SI No	Title of the Proposal	Dept	Name of the Investigator	Designation	Estimated Cost		
					Non- Recurring- Lakhs	Recurring- Lakhs	Total Budget in Lakhs

1	Osteoarthritis Disease Diagnosis by Thermal Image Analysis	Computer Science & Engineering	Dr. Umadevi V	Associate Professor	2.50	1.50	4.00
2	Wearable Smart Locator Band for People with Dementia, and Alzheimer		Dr M Indiramma	Professor		4.10	4.10
3	Wireless Sensor based Wearable Emotion Detection Device and Analytics for Autism Disorders		Dr M Indiramma	Professor		4.75	4.75

Total in Lakhs

2.5	10.35	12.85
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BMS COLLEGE OF ENGINEERING, BANGALORE 560 019

Technical Education Quality Improvement Programme – Phase II (TEQIP-II)

MINUTES OF THE EXPERT COMMITTEE MEETING HELD ON 27.03.2015 AT 4:30 PM IN THE BOARD ROOM OF THE COLLEGE TO REVIEW THE PROPOSALS FOR TEQIP PHASE II SUBMITTED BY DEPARTMENT OF CIVIL ENGINEERING.

Members Present:

- | | |
|--|----------|
| 1. Prof. A. Sridharan
Department of Civil Engineering
IISc Bangalore | Chairman |
| 2 Prof.Martin Jebaraj
R & D Director, BMSCE | Member |
| 3 Dr.K.Mallikharjuna Babu-Principal, BMSCE | |
| 4 Dr.G.N.Sekhar-Vice-Principal & Programme Coordinator-I | |
| 5 Dr.L.Ravikumar, Professor Mechanical Engg. & Programme Coordinator-II | |

At the outset, Principal, BMSCE extended a cordial welcome to the distinguished members of the Committee. The Principal then gave a brief overview of the TEQIP [Phase II] project, Institutional allocation and events leading to the present meeting.

Pursuant to this, the HoDs and faculty members of the Department Civil Engineering who submitted Research proposals made brief presentations in the following streams:

CIVIL ENGINEERING – 2 Proposals

The Committee met and discussed the proposals prepared by the Departments in respect of the proposed Research activities at the College to be financed under TEQIP II. Each proposer made a brief presentation of the proposal before the Committee indicating the main activities of the research. Each of them also gave highlights of the proposals submitted listing the equipment requirements for augmenting the facilities including the estimated cost for the same. The investigators were requested to include all the suggestions made by the Committee members and relook into the budget requirement and submit the proposals with the revised budget details. All the proposers submitted their revised proposal to the expert committee for consideration. The committee advised the proposers to explore possibilities of getting additional funds from other sources.


After the revised proposals were received, the Committee considered all the revised proposals to be meritorious and recommended all the proposals of the Department of Civil Engineering to encourage the R & D activities.

The finalized list indicated by the Department is given in Annexure.

It is recommended that the proposals may be given due consideration for further process of getting additional funds under TEQIP-II.



Prof. A. Sridharan
Department of Civil Engineering
IISc Bangalore



Prof. Martin Jebaraj
R & D Director, BMSCE, Bangalore

Technical Education Quality Improvement Programme Phase II (TEQIP II)

**Research Proposals recommended by Experts for consideration from additional grants under
TEQIP-II Grants (31 03 2015)**

SI No	Title of the Proposal	Dept	Name of the Investigator	Designation	Estimated Cost		
					Non- Recurring- Lakhs	Recurring- Lakhs	Total Budget in Lakhs
1	Acoustic Emission (AE) Data Acquisition Equipment with 8 sensors (Equipment Proposed)	Civil Engineering	Dr S Muralidhara	Professor	15	0	15.05
2	Assess and mapping the desertification risk areas using remote sensing & qis		Dr. Sampath Kumar	Associate P	0	4	4.00

Total in Lakhs

15	4	19
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BMS COLLEGE OF ENGINEERING, BANGALORE 560 019

Technical Education Quality Improvement Programme – Phase II (TEQIP-II)

MINUTES OF THE EXPERT COMMITTEE MEETING HELD ON 24.03.2015 IN THE TEQIP SEMINAR HALL OF THE COLLEGE TO REVIEW THE PROPOSALS FOR TEQIP PHASE II SUBMITTED BY DEPARTMENT OF MECHANICAL ENGINEERING.

Members Present

- | | |
|---|----------|
| 1. Dr.S.Seshan | Chairman |
| Professor, Mechanical Engineering,
IISc, Bangalore | |
| 2. Prof. V.Arun Kumar | Member |
| Former Scientist, NAL & Prof., Dr.AIT, Bangalore | |
| 3. Prof.Martin Jebaraj | Member |
| R & D Director, BMSCE | |
| 4. Dr.K.Mallikharjuna Babu-Principal, BMSCE | |
| 5. Dr.G.N.Sekhar-Vice-Principal & Programme Coordinator-I | |
| 6. Dr.L.Ravikumar- Programme Coordinator-II | |

At the outset, Principal, BMSCE extended a cordial welcome to the distinguished members of the Committee. The Principal then gave a brief overview of the TEQIP [Phase II] project, Institutional allocation and events leading to the present meeting.

Pursuant to this, the HoD and faculty members of the Department of Mechanical Engineering who submitted Research proposals made brief presentations in the following streams:

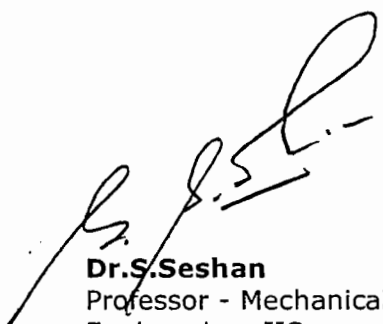
- | | | |
|---------------|---|-------------|
| 1. Design | - | 4 proposals |
| 2. Thermal | - | 3 proposals |
| 3. Production | - | 6 proposals |

The Committee met and discussed the proposals prepared by the Department in respect of the proposed Research activities at the College to be financed under TEQIP II. Each proposer made a brief presentation of the proposal before the Committee indicating the main activities of the research. Each of them also gave highlights of the proposals submitted listing the equipment requirements for augmenting the facilities including the estimated cost for the same. The investigators were requested to include all the suggestions made by the Committee members and relook into the budget requirement and submit the proposals with the revised budget details. All the proposers submitted their revised proposal to the expert committee for consideration. The committee advised the proposers to explore possibilities of getting additional funds from other sources.

After the revised proposals were received, the Committee considered all the revised proposals to be meritorious and recommended all the proposals of the Department of Mechanical Engineering to encourage the R & D activities.

The finalized list indicated by the Department is given in Annexure-I.

It is recommended that the proposals may be given due consideration for further process of getting additional funds under TEQIP-II.



Dr.S.Seshan
Professor - Mechanical
Engineering, IISc,
Bangalore



Prof V.Arun Kumar
Former Scientist, NAL & Prof.,
Dr.AIT, Bangalore



Prof.Martin Jebaraj
R & D Director,
BMSCE, Bangalore

Technical Education Quality Improvement Programme Phase II (TEQIP II)

**Research Proposals recommended by Experts for consideration from additional grants under
TEQIP-II Grants (31 03 2015)**

Sl No	Title of the Proposal	Dept	Name of the Investigator	Designation	Estimated Cost		
					Non-Recurring-Lakhs	Recurring-Lakhs	Total Budget in Lakhs
1	Studies on Newly conceptualized Padded seal fabrication and Testing under static and Dynamic condition	Mechanical Engineering	Dr.J Sharana Basavaraja	Associate Professor	4.00	2.50	6.50
2	Design, Analysis and Testing of Flexible Composite Hollow Shaft for Axial and Lateral Misalignments		H.K.Rangavittal	Associate Professor	4.50	1.20	5.70
3	Studies on partial slip contacts.		Dr. Rammohan Y.S.	Associate Professor	3.75	4.75	8.50
4	Studies on Fretting corrosion on MMCs.		Dr. M G Patil	Associate Professor	4.50	4.25	8.75
5	Experimental investigation of Microstructural characteristics and Tribological properties of modified Al-Si alloys solidified under the influence of mechanical vibration		Tataram K Chavan	Assistant Professor	7.00	0.50	7.50
6	Recycling of Plastics form Urban Waster Management		Sreekanth N V	Assistant Professor	5.80	0.35	6.15
7	Machining Studies of Advanced Materials using wire cut Electric discharge machine (WEDM)		Mr G Ugrasen	Assistant Professor	13.00		13.00
8	Develop coatings to enhance corrosion resistance of metals used in underwater applications		Dr G Giridhar	Professor	8.50	1.00	9.50
9	High temperature Wear studies of Thermal Barrier Coatings on Babbit material		R Suresh Kumar	Assistant Professor	7.00	1.00	8.00
10	Design, Development, Testing & Analysis of Transparent mold for studying flow pattern of Resin inside an Advanced RTM facility		Madhav Murthy	Assistant Professor	3.80	2.63	6.43

Technical Education Quality Improvement Programme Phase II (TEQIP II)**Research Proposals recommended by Experts for consideration from additional grants under
TEQIP-II Grants (31 03 2015)**

Sl No	Title of the Proposal	Dept	Name of the Investigator	Designation	Estimated Cost		
					Non-Recurring-Lakhs	Recurring-Lakhs	Total Budget in Lakhs
11	Thermal Management of Space Electronics using Pulsating Heat Pipes	Mechanical Engg	Dr. Rudra Naik	Associate Professor	5.90	0.60	6.50
12	Optimization of Solar Thermal Storage System		Devaraj K	Assistant Professor	6.00	0.50	6.50
Total					74	19	93

ANNEXURE – 2A



B.N. JAYARAM, B.Sc., F.C.A.
CHARTERED ACCOUNTANT

308, 1st Floor,
10th Cross, Wilson Garden,
Bangalore - 560 027
Phone (O) : 080-22277420
(M) : 9341227875
Email : bnjayaram@gmail.com

AUDITOR'S REPORT

I have audited the accompanying financial statements of **B.M.S COLLEGE OF ENGINEERING, TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAM : PHASE –II(TEQIP-II)** which comprises of the Balance Sheet as at 31st March 2015, and the Income and Expenditure Account for the year ended on that date.

Management of the Organisation is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

My responsibility is to express an opinion on these financial statements based on my audit. I conducted the audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

In my opinion and to the best of my information and according to the explanations given to me, the said Balance Sheet and Income & Expenditure Account, give the information in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India.

- a. In the case of the Balance Sheet of the state of affairs of the Organisation as at March 31, 2015.
- b. In the case of Income & Expenditure Account, of the Excess of expenditure over income for the year ended on that date.

Place : Bangalore
Date : 15-06-2015

B. N. Jayaram
B N Jayaram
Chartered Accountant
M.No.200262



B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME: PHASE-II(TEQIP-II)

BALANCE SHEET AS AT 31st MARCH 2015

(Amount in Rupees)

AS ON 31.03.2014 (Rs)	LIABILITIES	(Rs)	AS ON 31.03.2015 (Rs)	AS ON 31.03.2014 (Rs)	ASSETS	AS ON 31.03.2015 (Rs)
46,225,841.00	Op.balance of Grants received from SPFU	46,225,841.00		21,089,871.00	Fixed Assets[Schedule-I]	45,264,462.00
	Add: Grants received from SPFU during the	20,000,000.00				
	TOTAL	66,225,841.00		13,020,181.00	Funds as Fixed Deposit[Schedule-III]	14,232,141.00
	Less: Excess of Expenditure over Income	30,384,227.00	35,841,614.00	706,643.00	Funds as Savings Bank A/c[Schedule IV]	973,103.00
13,726,824.00	Funds[Schedule-II]		15,205,244.00		Current Assets:	
2,715.00	Current Liabilities		11,253.00	20,000,000.00	Fixed Deposit	
4,795.00	Tax Deducted at Source		10,086,856.00	1,603,503.00	BMSCE TEQIP-COE	1,000.00
120,274.00	BMS Educational Trust		123,562.00	1,329,059.00	General Advances	
	BMSCE			2,331,192.00	Allahabad Bank SB A/c No .50092591605	797,823.00
60,080,449.00	TOTAL		61,268,529.00	60,080,449.00	TOTAL	61,268,529.00

AAO

NODAL OFFICER[FINANCE ASPECTS]

G. N. Sekh
PRINCIPAL

B. V. Jayaram
As per my report of even date



Place: Bangalore
Date: 15.6.2015

B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME-PHASE-II(TEQIP-II)

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31st MARCH 2015

(Amount in Rupees)

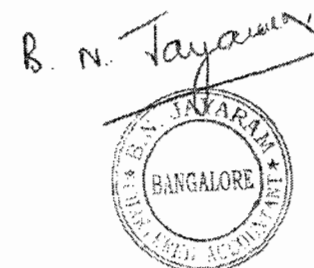
PREVIOUS YEAR (Rs)	EXPENDITURE	(Rs)	CURRENT YEAR (Rs)	PREVIOUS YEAR (Rs)	INCOME	CURRENT YEAR (Rs)
8,542,596.00	Assistantship		15,276,000.00	388,137.00	Interest	449,706.00
6,466,045.00	Faculty & Staff Development		5,031,311.00	36,000.00	Bid Application fee	22,500.00
501,786.00	R & D		2,550,149.00	22,131,147.00	Excess of	30,384,227.00
1,762,334.00	Capacity Development		237,794.00		Expenditure over	
2,734,031.00	IIIC		1,996,165.00		Income for the year	
12,000.00	Reforms		686,479.00		transferred to	
276,474.00	Student Support		220,729.00		Balance Sheet	
2,257,150.00	Incremental Operating Cost:					
	Consumables	331,439.00				
	Operation & Maintenance	2,766,757.00				
	Salaries	643,255.00				
	Workshop etc	1,112,025.00	4,853,476.00			
2,868.00	Bank Charges		4,330.00			
22,555,284.00	TOTAL		30,856,433.00	22,555,284.00	TOTAL	30,856,433.00

Place: Bangalore
Date :15.6.2015

NODAL OFFICER[FINANCE ASPECTS]

J. N. Sekh
~ PRINCIPAL

P
As per my report of even date



B.M.S.COLLEGE OF ENGINEERING,BANGALORE-560 019

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME :Phase-II(TEQIP-II)

RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDING 31st MARCH 2015

(Amount in Rupees)

PREVIOUS YEAR (Rs)	RECEIPTS	CURRENT YEAR (Rs)	PREVIOUS YEAR (Rs)	PAYMENTS	(Rs)	CURRENT YEAR (Rs)
1,361,783.00	Opening Bank Balance	2,331,192.00	8,938,240.00	Procurement-Equipment		21,525,617.00
	BMS Educational Trust	10,082,061.00	12,151,631.00	Procurement- Books & LRs		2,648,974.00
50,000,000.00	Grants received from SPFU	20,000,000.00	8,542,596.00	Assistantship		15,276,000.00
388,137.00	Interest	449,706.00	6,466,045.00	Faculty & Staff Development		5,031,311.00
36,000.00	Bid application fee	22,500.00	501,786.00	R & D		2,550,149.00
120,274.00	BMSCE	3,288.00	276,474.00	Student Support		220,729.00
2,715.00	Tax Deducted at Source	11,253.00	2,734,031.00	IIIC		1,996,165.00
17,000,000.00	Fixed Deposit	20,000,000.00	1,762,334.00	Capacity Development		237,794.00
	BMSCE TEQIP COE	1,602,503.00		Incremental Operating Cost:		
	General Advances	1,329,059.00		Consumables	331,439.00	
			2,257,150.00	Operation & Maintenance	2,766,757.00	
			20,000,000.00	Salaries	643,255.00	
			12,000.00	Workshop etc	1,112,025.00	4,853,476.00
			2,868.00	Fixed deposits		686,479.00
			1,329,059.00	Reforms		4,330.00
			1,603,503.00	Bank Charges		
				General Advances		
				BMSCE TEQIP COE		
				Tax Deducted at Source		2,715.00
				By Closing Bank Balance SB A/c No.50092591605		797,823.00
68,908,909.00	TOTAL	55,831,562.00	68,908,909.00	TOTAL		55,831,562.00

AAO

NODAL OFFICER(FINANCE ASPECT)

PRINCIPAL

Place: Bangalore
Date :15.6.2014



B.M.S.COLLEGE OF ENGINEERING, BANGALORE-19

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME: Phase -II(TEQIP-II)

SCHEDULE-I

Fixed Assets

(Amount in Rupees)

Particulars	Gross Block as on 01.04.2014	Additions	Deletions	Gross Block as on 31.03.2015
Books & LRS	12,151,631.00	21,525,617.00	0	33,677,248.00
Equipment	8,938,240.00	2,648,974.00	0	11,587,214.00
TOTAL	21,089,871.00	24,174,591.00	0	45,264,462.00

SCHEDULE-II

FUNDS

Particulars	As on 31.3.2015
Corpus Fund	3,671,096.00
Depreciation Renewal Fund	1,132.00
Equipment Replacement Fund	3,558,034.00
Faculty Development Fund	3,558,036.00
Maintenance Fund	3,559,168.00
Staff Development Fund	857,778.00
TOTAL	15,205,244.00

SCHEDULE-III

FUNDS- FIXED DEPOSITS

Particulars	As on 31.3.2015
Corpus Fund	3,558,035.00
Equipment Replacement Fund	3,558,034.00
Faculty Development Fund	3,558,036.00
Maintenance Fund	3,558,036.00
TOTAL	14,232,141.00

SCHEDULE-IV

FUNDS-SB accounts

Particulars	SB a/c No. at Allahabad Bank	Balance as on 31.3.15
Staff Development Fund	50092591117	857,778.00
Corpus Fund	50092589368	113,061.00
Maintenance Fund	50092573175	1,132.00
Depreciation Renewal Fund	50092587338	1,132.00
TOTAL		973,103.00

B.N. Jayaram



G.N. Sekh
PRINCIPAL

AAO
Date: 15.6.2015

NODAL OFFICER [FINANCE ASPECTS]

B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME II

UTILIZATION CERTIFICATE

Sl.	Particulars	Amount in Rupees
a)	Opening Balance as on 1 st April 2014	2,51,38,838.00
b)	Funds Received from SPFU letter No.DTE/TEQIP/FIN/CR-88/ 2014-15,VOL-II dated 17.11.2014	2,00,00,000.00
c)	Interest earned on grant available for teqip-II during the year	4,49,706.00
d)	Other Income (Bid application fee)	22,500.00
	Total	4,56,11,044.00
e)	Expenditure during the year	5,50,26,694.00
f)	Excess Spent as on 31st March 2015	(94,15,650.00)

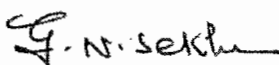
Certified that out of Rs.2,00,00,000/- of Grants-in aid sanctioned during the year 2014-15 in favour of the Principal, BMS College of Engineering, Bangalore-19 under the Department letter No. SPFU letter No.DTE/TEQIP/FIN/CR-88/ 2014-15,VOL-II dated 17.11.2014.

It is also certified that out of the above mentioned funds of Rs.4,56,11,044/- (Rupees Four Crores Fifty Six Lakhs Eleven Thousand and Forty Four Only) a sum of Rs.5,50,26,694/- (Rupees Five Crores Fifty Lakhs Twenty Six Thousand Six Hundred and Ninety Four Only) has been Spent during 2014-15 for the purpose of expenditure on TEQIP II activities for which it was sanctioned and that the Excess spent amount of Rs. 94,15,650/- (Rupees Ninety Four Lakhs Fifteen Thousand Six Hundred Fifty Only) is Carried forward for next financial year.

Certified that I have satisfied myself that the conditions on which the grants was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: Detailed accounts checked with reference to accounts books, payments, vouchers, cash book, journal, ledger.

Date:15.06.2015


PRINCIPAL
B.M.S. College of Engineering
Bangalore - 560 019.



B.N. JAYARAM, B.Sc., F.C.A.
CHARTERED ACCOUNTANT

308, 1st Floor,
10th Cross, Wilson Garden,
Bangalore - 560 027
Phone (O) : 080-22277420
(M) : 9341227875
Email : bnjayaram@gmail.com

AUDITOR'S REPORT

I have audited the accompanying financial statements of **B.M.S COLLEGE OF ENGINEERING, TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAM : PHASE -II CENTRE OF EXCELLENCE - ADVANCED MATERIALS RESEARCH** which comprises of the Balance Sheet as at 31st March 2015, and the Income and Expenditure Account for the year ended on that date.

Management of the Organisation is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

My responsibility is to express an opinion on these financial statements based on my audit. I conducted the audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

In my opinion and to the best of my information and according to the explanations given to me, the said Balance Sheet and Income & Expenditure Account, give the information in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India.

- a. In the case of the Balance Sheet of the state of affairs of the Organisation as at March 31, 2015.
- b. In the case of Income & Expenditure Account, of the Excess of Income over expenditure for the year ended on that date.

Place : Bangalore
Date : 15-06-2015

B. N. Jayaram
B N Jayaram
Chartered Accountant
M.No.200262



B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME: PHASE-II
CENTRE OF EXCELLENCE - ADVANCED MATERIALS RESEARCH**

BALANCE SHEET AS AT 31st MARCH 2015

(Amount in Rupees)

AS ON 31.03.2014	LIABILITIES	(Rs)	AS ON 31.03.2015 (Rs)	AS ON 31.03.2014	ASSETS	AS ON 31.03.2015 (Rs)
	Grants received from SPFU during the year	33,333,000.00			Fixed Assets	
	Less: Excess of expenditure over income during previous year	616,082.00		616,082.00	Equipments	13,218,278.00
	Add: Excess of income over expenditure during the current year	32,716,918.00		12,000.00	Excess of expenditure over income	-
	Tax Deducted at Source	20,600.00	32,737,518.00		Current Assets	
	Professional tax		3,400.00		General Advances(Schedule-I)	105,000.00
	Current Liabilities		200.00		Fixed deposit	18,500,000.00
1,603,503.00	BMSCE TEQIP II		1,000.00	975,421.00	Allahabad Bank SB A/c No . 50166755417	918,840.00
1,603,503.00	TOTAL		32,742,118.00	1,603,503.00	TOTAL	32,742,118.00

AAO

Dr.M.RAMACHANDRA
Co-ordinator-COE

NODAL OFFICER
[FINANCE ASPECTS]

PRINCIPAL

As per my report of even date

Place: Bangalore
Date: 15-06-2015



B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME: PHASE-II
CENTRE OF EXCELLENCE - ADVANCED MATERIALS RESEARCH**

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDING 31st MARCH 2015

(Amount in Rupees)

PREVIOUS YEAR (Rs)	EXPENDITURE	AMOUNT (Rs)	CURRENT YEAR (Rs)	PREVIOUS YEAR (Rs)	INCOME	CURRENT YEAR (Rs)
394,421.00	R & D		-	195.00	Interest	1,903,486.00
-	faculty & Staff Development		198,038.00	-	Bid application fee	30,000.00
-	IIIC		22,475.00			
-	Teaching Assistantship		680,000.00	616,082.00	Excess of Expenditure over Income transferred to Balance Sheet	-
-	Incremental Operating Cost:					
-	Consumables	192,820.00				
221,577.00	Operation & Maintenance	534,213.00				
-	salaries	<u>284,920.00</u>	1,011,953.00			
280.00	Bank Charges		420.00			
	Excess of Income over Expenditure transferred to Balance Sheet		20,600.00			
616,278.00	TOTAL		1,933,486.00	616,278.00	TOTAL	1,933,486.00

8 AAO

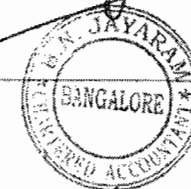
Place: Bangalore
Date : 15-06-2015

Dr.M.RAMACHANDRA
Co-ordinator, COE

NODAL OFFICER
[FINANCE ASPECTS]

G.N. Sekh
PRINCIPAL

B.N. Jayaram
As per my report of even date



B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME: PHASE-II
CENTRE OF EXCELLENCE - ADVANCED MATERIALS RESEARCH**

RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDING 31st MARCH 2015

(Amount In Rupees)					
PREVIOUS YEAR (Rs)	RECEIPTS	CURRENT YEAR (Rs)	PREVIOUS YEAR (Rs)	PAYMENTS	CURRENT YEAR (Rs)
	Opening Bank Balance Allahabad Bank SB A/c No . 50166755417	975,421.00		Procurement	13,218,278.00
	Grants received from SPFU	33,333,000.00	394,421.00	R & D	-
1,603,503.00	BMSCE TEQIP II			faculty & Staff Development	198,038.00
196.00	Interest	1,903,486.00		IIIC	22,475.00
	Bid application fee	30,000.00		Teaching Assistantship	680,000.00
	Tax Deducted at Source	3,400.00		Incremental Operating Cost:	
	Professional tax	200.00		Consumables	192,820.00
			221,577.00	Operation & Maintenance	534,213.00
				salaries	284,920.00
			280.00	Bank Charges	420.00
			12,000.00	General Advances	93,000.00
				BMSCE TEQIP II	1,602,503.00
				Fixed deposits	18,500,000.00
			975,421.00	Allahabad Bank SB A/c No . 50166755417	918,840.00
1,603,699.00	TOTAL	36,245,507.00	1,603,699.00	TOTAL	36,245,507.00

AAO

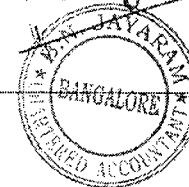
Dr.M.RAMACHANDRA
Co-ordinator-COE

NODAL OFFICER
[FINANCE ASPECTS]

PRINCIPAL

As per my report of even date

Place: Bangalore
Date : 15-06-2015



B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME:PHASE II
CENTRE OF EXCELLENCE - ADVANCED MATERIALS RESEARCH**

SCHEDULE-I

GENERAL ADVANCE

Particulars	Amount as on 31.3.2015
	(Rs)
Sri. Madhav Murthy	45,000.00
Dr.S.Srinivas	48,000.00
Secretary, KSCST	12,000.00
TOTAL	105,000.00

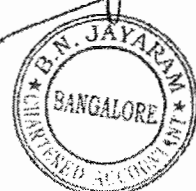
AAO

M. Ramachandra
Dr.M.RAMACHANDRA
Co-ordinator-COE

[Signature]
NODAL OFFICER
[FINANCE ASPECTS]

G. N. Sekh
PRINCIPAL

Place: Bangalore
Date : 15-06-2015

B. N. Jayaram


B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME II

UTILIZATION CERTIFICATE

Sl.	Particulars	Amount in Rupees
a)	Opening Balance as on 1 st April 2014	NIL
b)	Funds Received from SPFU letter No.DTE/01/TEQIP/FIN/2014-15,VOL-II dated 07.05.2014	3,33,33,000.00
c)	Interest earned on grant available for COE-Teqip-II during the year	19,03,486.00
d)	Other Income (Bid application fee)	30,000.00
	Total	3,52,66,486.00
e)	Expenditure during the year	1,51,30,744.00
f)	Unutilized amount as on 31st March 2015	2,01,35,742.00

Certified that out of Rs.3,33,33,000/- of Grants-in aid sanctioned during the year 2014-15 in favour of the Principal, BMS College of Engineering, Bangalore-19 under the Department letter No. SPFU letter No.DTE/TEQIP/FIN/ 2014-15 dated 07.05.2014.

It is also certified that out of the above mentioned funds of Rs.3,52,66,486/- (Rupees Three Crores Fifty Two Lakhs Sixty Six Thousand and Four Hundred Eighty Six Only) a sum of Rs.1,51,30,744/- (Rupees One Crore Fifty One Lakhs Thirty Thousand Seven Hundred and Forty Four Only) has been Spent during 2014-15 for the purpose of expenditure on COE-TEQIP II activities for which it was sanctioned and that the Unutilized amount of Rs. 2,01,35,742/- (Rupees Two Crore One Lakh Thirty Five Thousand Seven Hundred Forty Two Only) is Carried forward at the end of the year will be adjusted towards the grants-in-aid payable during the next financial year 2015-16.

Certified that I have satisfied myself that the conditions on which the grants was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised: Detailed accounts checked with reference to accounts books, payments, vouchers, cash book, journal, ledger.

Date:15.06.2015

B. N. Jayaram


G. N. Selvaraj
PRINCIPAL
B.M.S. College of Engineering
Bangalore - 560 019.



TeqipII - <teqipII@bmsce.ac.in>

Fwd: TEQIP-II: Performance Assessment Indicators of 5th JRM....reg.

Viceprincipal - <viceprincipal@bmsce.ac.in>

Mon, Jun 29, 2015 at 5:55 PM

To: TeqipII - <teqipII@bmsce.ac.in>, Ravi Kumar <lrkmech@gmail.com>

With best wishes...

Dr. G. N. SEKHAR, PhD

Vice Principal and TEQIP Coordinator-I

BMS College of Engineering,

Bangalore - 560 019.

Phone/Fax: +91 080 26603963

Mobile: +91 98451 84215

To,

All the Principals

TEQIP Institutions

Sub: TEQIP-II: Performance Assessment Indicators of 5th JRM....reg.

The 5th JRM is scheduled to be held from 6th to 17th July 2015 for assessing the Institutions performance. The Institutions were required to meet a set of 9 Performance indicators to benchmark themselves.

The details of Performance assessment indicators status of Institutions is put on NPIU website www.npiu.nic.in

(copy attached)

.If there are any clarifications / updations regarding the status of indicators of your institution, you are requested to communicate to SPFU/NPIU with supportive documents immediately.

With regards,

Manohar G Nayak

Officer on Special Duty,

State Project Coordinator,

SPFU Karnataka,

Technical Education Quality Improvement Programme (TEQIP),

(A World Bank Assisted Project)

Directorate of Technical Education,

Bangalore 560 001

5th JRM: Performance Assessment Indicators

				1	2	3	4	5	6	7	8	9		
S.N.	Name of State/UT	Category	Name of Institution	Autonomy (obtained or applied to UGC with no objection from university and state government)	MoM of BoG (last 4 Months) published on institution's website (Yes/No)	NBA accreditation at least 55% programmes accredited+applied-for	Statutory Audit FY: 2013-14: Yes/No	Timeline for completion of governance development plan and/or institutional governance guidelines, approved by governing body and published on Institutional website	Revised IDP published on the institution's website	Completion of all data input into the MIS	Procurement Plan to cover 100% procurement expenditure (Yes/No)	Actual expenditure 50% of funds received (Apr 2015) : Yes/No	100% Actual expenditure+committed expenditure against funds received (Apr, 2015) = Yes/No	No. of Indicators Met
51	Haryana	Govt. aided	Faculty of Engineering & Technology, Guru Jambheshwar University of Science & Technology	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	8
52	Haryana	Govt.	Faculty of Science, Kurukshetra University, Kurukshetra	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
53	Haryana	Govt.	University Institute of Engineering & Technology (UIET), Kurukshetra	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	6
54	Haryana	Govt.	Faculty of Engineering & Technology, Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Sonapat	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
55	Himachal Pradesh	Govt.	Jawaharlal Nehru Government Engineering College, Sundernagar	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	7
56	Jharkhand	Govt. aided	BIT, Mesra Ranchi	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
57	Jharkhand	Private unaided	Cambridge Institute of Technology, Ranchi	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
58	Karnataka	Private unaided	Siddhaganga Institute of Technology, Tumkur, Karnataka	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
59	Karnataka	Govt. aided	Dr. Ambedkar Institute of Technology, Bangalore	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
60	Karnataka	Private unaided	Nitte Meenakshi Institute of Technology (NMIT)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
61	Karnataka	Govt.	University Visveswaraya College of Engg., Bangalore	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	8
62	Karnataka	Govt. aided	BVS College of Engineering & Technology	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
63	Karnataka	Govt. aided	National Institute of Engineering, Mysore	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9
64	Karnataka	Govt. aided	Mahad College of Engineering, Hassan, Karnataka	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	7
65	Karnataka	Govt. aided	BMS College of Engineering, Bangalore, Karnataka	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	9

ANNEXURE 4

THE DETAILS OF FACULTY/STAFF MEMBERS WHO HAVE ATTENDED PROGRAMS OUTSIDE THE COLLEGE THAT WERE APPROVED BY THE SUBCOMITEE BY CIRCULATION UNDER TEQIP- II

Sl. No.	Name of the faculty, Designation & Dept.	Details of Program	Place	Workshop/Conf. Dates	Approx. Expenditure
01.	Sri. Narayan T Deshpande Associate Professor Electronics & Communication Engineering	International Conference on Knowledge Collaboration in Engineering 2015	Kathir College of Engineering, Coimbatore	March 27-28, 2015	13,500/-
02.	Dr. M. Rajeshwari Hegde Associate Professor Telecommunication Engineering	IEEE International Conference on Communication & Signal Processing (IEEE-ICCSP) 2015	Adiparashakti College of Engineering, Melmaruvathur	April 02-04, 2015	10,900/-
03.	Sri. R.N. Ravi Kumar Asst Professor Mechanical Engineering	International Conference on Mechanical and Manufacturing Engineering (ICMME-2015)	Sri Chandrasekhar endra Sarasawathi Viswa Mahavidyala , Enanthur, Kanchipuram	April 02-03, 2015	10,881/-
04.	Dr. B.R. Shambhavi Assoc Professor Information Science & Engineering	QEEE Feedback Meeting	IIT, Madras	April 11, 2015	4,400/-
05.	Smt. B.N. Beena Ullala Mata Assoc Professor Medical Electronics	3 rd National Conference on Computational Control Systems and Optimization:CCSO -2015	Dr AIT, Bengaluru	April 23-24, 2015	3,300/-
06.	Dr .N. Chowdappa Chief Librarian Library	11 th Annual Meet & Workshop	IISER, Punjab	April 29-30, 2015	30,000/-
07.	Sri. Manjunath P.S Asst Professor Telecommunication Engineering	IEEE International Conference on Advances in Computing and Communication Engineering (ICACCE- 2015)	Tula's Institute, The Engineering & Management College, Dehradun , Uttarkhand	April 30 th to May 02, 2015	33,000/-

08.	Dr. L. Ravi Kumar Professor & HOD Mechanical Engineering	International Conference on "Semi-Active Journal Bearing",	College of Engineering, Pune	May 14-15, 2015	16,000/-
09.	Sri. G. Saravana Kumar Asst Professor Mechanical Engineering	International Conference on "Semi-Active Journal Bearing",	College of Engineering, Pune	May 14-15, 2015	13,000/-
10.	Sri. Harish V Mekali Asst Professor Electronics & Communication Engineering	Workshop on DSP Faculty workshop on Teaching DSP Hands-on	IIT, Hyderabad	May 20-21, 2015	12,000/-
11.	Dr. B. Kanmani (IEEE-member) Professor & HOD Telecommunication Engineering	Workshop on 5G Technology"	Bengaluru	May 22-23, 2015	5,000/-
12.	Smt. K.P. Pushpavathi (IEEE-member) Asst Professor Telecommunication Engineering				4,950/-
13.	Smt. M .Vasanth Lakshmi Asst Professor Telecommunication Engineering				4,950/-
14.	Dr. Arathi .R. Shankar (IEEE-member) Assoc. Professor Electronics & Communication Engineering				7,300/-
15.	Smt. M.N. Suma (IEEE-member) Assoc. Professor Electronics & Communication Engineering				6,300/-
16.	Dr. Prerana Poddar (IEEE Non-member) Assoc Professor Electronics & Communication Engineering				7,850/-

17.	Dr. K.R. Sudhindra Electronics & Communication Engineering	Short term course on "Design & analysis of efficient antennas"	IIT, Kharagapur	May 25-30, 2015	8,000/-
18.	Sri. K.N. Madhusudhan Asst Professor Electronics & Communication Engineering	Short term course on "Design & analysis of efficient antennas"	IIT, Kharagapur	May 25-30, 2015	8,000/-
19.	Dr G. Giridhar, Professor (Principal Investigator) Mechanical Engineering	Propulsion panel meeting	IITM, Chennai	May 26, 2015	6,000/-
20.	Sri. E. Suresh Asst Professor Mechanical Engineering	International Conference & Exhibition on Fatigue, Durability and Fracture Mechanics	IISC, Bengaluru	May 28-30, 2015	3,370/-
21.	Sri. K.N. Madhusudhan Asst Professor Electronics & Communication Engineering	One week workshop on Trends in RF, Microwave and Sensor Network Technologies	MSRIT, Bengaluru	June 01-06 , 2015	2,152/-
22.	Smt. Nandhini. Vineeth Asst Professor Computer Science & Engineering	Network Simulation using NS3	NMIT , Bengaluru	June 01-05, 2015	5,500/-
23.	Sri. J.J. Lohith Asst Professor Computer Science & Engineering	workshop on "Simulation of wired and wireless networks"	NITK, Suratkal	June 08-10, 2015	7,500/-
24.	Smt. S.N Namratha Asst Professor Instrumentation	International Conferences on Current Advances in Electronics, Electrical and Computer Science (ICEECS-15)	Panjim, Goa	June 21, 2015	8,650/-
25.	Smt. R Yamunaa. Instructor Electronics & Instrumentation Engineering	Signal Image processing & SDR using Lab View	JSS College of Engineering, Bengaluru	June 22-24, 2015	800/-
26.	Smt. N. Geetha Foreman Electronics & Instrumentation Engineering				800/-

27.	Sri. R. Shiva Kumar Asst. Professor Chemical Engineering	National Conference on Advanced Computational Methods for Simulation of Transport Processes in Engineering	SVCE, Sriperumbudur Tamil Nadu	June 24-26, 2015	8,150/-
28.	Sri. T.S. Suresh Mechanic Industrial Engineering & Management	Short term course on Total quality management"	Advanced training institute, Mumbai	June 22-26, 2015	6,500/-
29.	Dr. B. Mallikarjuna Asst Professor Mathematics	International Conference on Mathematical Sciences-2015 (ICMS-2015)	Sri Venkateswara University, Tirupati	July 13-15, 2015	4,940/-
30.	Sri. C .Gururaj Asst Professor Telecommunication Engineering	3 rd International Conference on Emerging Research in Computing, Information, Communication & Applications (ERCICA-2015)	NMIT, Bengaluru	July 31 st to August 01, 2015	10,000/-

**THE DETAILS OF STUDENTS WHO HAVE ATTENDED THE PROGRAMS OUTSIDE THE
COLLEGE UNDER TEQIP- II THAT WERE APPROVED BY THE SUB-COMMITTEE BY
CIRCULATION**

Sl. No.	Name of the Student Designation & Dept.	Details of Program	Place	Workshop/Conf. Dates	Approx. Expenditure
01.	Smt. H.N. Lakshmi BE student Electronics & Instrumentation Technology	Indo Canadian International Conference of Business and Behavioural Sciences (ICICBBS-2015)	Panaji, Goa	July 03, 2015	4,456/-
02.	Sri. Rahul Sharma BE Student Electronics & Instrumentation Technology	International Conference on smart Technologies and Management for Computing, Communications , Controls , Energy & Materials (ICSTM- 2015)	Vel Tech Dr. RR & Dr. SR Technical University, Avadi, Chennai	May 06-08, 2015	4,800/-
03.	Smt. Keerthi Galagali BE Student Mechanical Engineering	National Conference on Recent Advances in Science& Engineering & Technology (NCRASET-2015)	Sri Venkateshwara College of Engineering, Bangalore	May 08, 2015	1,760/-

DETAILS OF INHOUSE PROGRAMS CONDUCTED/PROPOSED FOR CONDUCTION IN THE COLLEGE UNDER TEQIP- II THAT WERE APPROVED BY THE SUB-COMMITTEE BY CIRCULATION

Sl. No.	Name of the Department	Title of the Program	Program Dates	Approx. Expenditure
01.	Civil Engineering	National Level Workshop on "Emerging Trends in Transportation Engineering and Management- NETTEM-2015	April 17, 2015	1, 00,000/-
02.	Civil Engineering	3 rd International Conference on Micro Perspectives for Decentralized Energy Supply MES- 2015	April 21-25, 2015	5,00,00/-
03.	Electrical & Electronics Engineering	One day interactive training on "Sustainability & Social Innovation	May 29, 2015	27,000/-
04.	Mechanical Engineering	Skill improvement for Non-teaching staff	June 01-12, 2015	71,000/-
05.	Mechanical Engineering	Curriculum Development	June 05-06 , 2015	44,000/-
06.	Information Science & Computer Science Engineering	5 th IEEE International Advance Computing Conference- 2015 (IACC-2015)	June 12-13, 2015	5,00,000/-
07.	Medical Electronics	Curriculum Development	June 24 ,2015	15,000/-
08.	Electrical & Electronics Engineering	One week FDP on "Design, Analysis and Implementation of Power-Electronic Circuits	July 20-24, 2015	88,000/-
09.	Electronics & Communication Engineering, Tele Communication Engineering, Electrical & Electronics Engineering Instrumentation Technology and Medical Electronics	Embedded Systems	October 08, 2015	50,000/-

THE DETAILS OF FACULTY MEMBER WHO HAVE ATTENDED THE PROGRAMS OUTSIDE THE COLLEGE UNDER TEQIP-II CENTER OF EXCELLENCE IN ADVANCE MATERIALS RESEARCH (COE) THAT WERE APPROVED BY THE SUB-COMITTEE BY CIRCULATION

Sl. No	Name of the Faculty, Designation & Dept.	Details of Program	Place	Workshop/ Conf. Dates	Approx. Expendi ture
01.	Sri. G.Dilip Maruthi Asst Professor Mechanical Engineering	International Conference on Mechanical and Manufacturing Engineering (ICMME-2015)	Sri Chandrasekharendra Sarasawathi Viswa Mahavidyala , Enanthur, Kanchipuram	April 02-03, 2015	17,400/-

DETAILS OF INHOUSE PROGRAMS CONDUCTED IN THE COLLEGE UNDER TEQIP- II CENTRE OF EXCELLENCE IN ADVANCED MATERIALS RESEARCH (COE) THAT WERE APPROVED BY THE SUB-COMMITTEE BY CIRCULATION

Sl. No.	Name of the Department	Title of the Program	Program Dates	Approx. Expenditure Rs.
01.	Mechanical Engineering	Hands on workshop on "Polymer Composites	April 16-18, 2015	79,000/-

ANNEXURE 5

THE DETAILS OF FACULTY/STAFF MEMBERS WHO HAVE PROPOSED TO ATTEND WORKSHOP OUTSIDE THE COLLEGE UNDER TEQIP- II

Sl. No.	Name of the Faculty , Designation & Dept.	Details of Program	Place	Workshop Dates	Approximate Expenditure
01.	Dr. K.J. Rathan Raj Professor & HOD Industrial Engineering & Management	Five days Certificate Course on Six Sigma Green Belt Programme	MSME Development Institute, Bengaluru	July 13-17, 2015	16,500/-
02.	Smt .N. Kavitha Rani Asst Professor Industrial Engineering & Management				9,000/-
03.	Dr. S. Jayanthi Professor & HOD Mathematics	Workshop on Applied Mathematical Modelling	MSRIT, Bengaluru	July 13-17, 2015	920/-
04.	Smt. Preethu Devaiah Com. Technical Staff Electronics & Communication Engineering	TEQIP-II Initiative workshop on Embedded Processors & Applications	RVCE, Bengaluru	July 13-17, 2015	1,800/-
05.	Sri. R. Prakash Instructor Electronics & Communication Engineering				1,800/-

DETAILS OF INHOUSE PROGRAMS PROPOSED FOR CONDUCTION IN THE COLLEGE UNDER TEQIP- II

Sl. No.	Name of the Department	Title of the Program	Program Dates	Approx. Expenditure
01.	Medical Electronics	b-eCare-2015 International Conference on Preventive and Preventive and Predictive Healthcare Technologies	July 26-28, 2015	5,65,000/-

THE DETAILS OF STUDENT WHO HAVE PROPOSED TO ATTEND CONFERENCE FOR PAPER PRESENTATION/WORKSHOP OUTSIDE THE COLLEGE UNDER TEQIP- II

Sl. No.	Name of the student , Designation & Dept.	Details of Program	Place	Workshop/Conf. Dates	Approximate Expenditure
01.	Smt. Roopa Gaonkar Research Scholar Biotechnology	Workshop on "Intellectual Property Rights"	VTU Regional Office, Bengaluru	July 10-11, 2015	1,140/-
02.	Sri. Rafeek Alas M. Tech Student Electronics & Communication Engineering	International Conference on Advances in Computing and Communications (ICACC-2015)	Rajagiri School of Engineering and Technology Kochi, Kerala	September 02-04, 2015	11,000/-

THE DETAILS OF FACULTY MEMBERS WHO HAVE PROPOSED TO ATTEND PROGRAMS OUTSIDE THE COLLEGE UNDER TEQIP- II CENTRE OF EXCELLENCE IN ADVANCE MATERIALS RESEARCH (COE)

Sl. No.	Name of the faculty, Designation & Dept.	Details of Program	Place	Workshop Dates	Approximate Expenditure
1.	Sri. V.S. Mudakappanavar Asst Professor Mechanical Engineering	Workshop on Thermal analysis of Materials using DSC,DTA,TG & Dilatometer	IIT, Hyderabad	July 23-25, 2015	9,700/-
2.	Sri. N.R Prabhu Swamy. Asst Professor Mechanical Engineering				9,700/-
3.	Sri. Tataram K Chavan Asst Professor Mechanical Engineering				9,700/-
4.	Sri. Soumen Panda Asst Professor Chemical Engineering				9,700/-

----- Forwarded message -----

From: NPIU <teqip.npiu@gmail.com>

Date: Mon, Jun 29, 2015 at 2:48 PM

Subject: TEQIP - II : Common Observations made during Post Procurement Review..reg

Sir,

As you all are aware that the Post Procurement Review (PPR) for FY-2015 was conducted by M/s GPCL from 24th Nov 2014 to 5 Dec 2014 at NPIU where 300 contracts (selected by the World Bank) were reviewed. The World Bank has forwarded the PPR Reports for FY-2015. The reports contain various procurement observations made by institutes during procurement process. The review report in respect of concerned institutes, were already circulated and forwarded by NPIU for further necessary action.

Out of 300 audit reviews, following are the most commonly observed points which can be sorted out at management level of institutes by keeping a keen vigilant on the procurement proceedings:-

Common Observation :

- Purchase Order/Contract was issued after expiry of bid/quotation validity period: The contract should be awarded within the bid validity period. In exceptional cases, a reasonable extension to the bid validity may be sought from all bidders.
- Delay in Supply/Completion : Realistic delivery period should be stipulated in the RFQ/ Invitation letter on a case to case basis depending on the nature of items to be procured
- Delayed payments(beyond 30 days for Shopping/45 days for NCB) : Payment to the vendors should be within the stipulated time period as per the schedules incorporated in PO.
- In most of the case of direct contracting, institutions failed to provide proper justification for procuring the proprietary items. It is essential to prepare a rational justification note for procurement of a particular brand/item establishing how the item uniquely satisfied the necessary technical requirement and that there was no other manufacturer of similar product.
- RFQ/Invitation letter should be amended appropriately on a case to case basis so as to reflect the provisions in the procurement manual related to quotation/bid evaluation.
- Technical specifications should be prepared to define only the essential functional parameters so as to attract fair competition. Use of brand names should be avoided to define the item to be procured. If it is necessary to quote a brand name or catalogue number of a particular manufacturer to clarify an otherwise incomplete specification, the words "or equivalent" should be added after such reference.
- Procurement not in accordance with the existing guidelines :
 - (a) Non-Adoption of proper method of procurement (NCB/Direct Contracting/Shopping etc),
 - (b) Proper procedure not followed while Submission of bids, Opening of bids and rejecting of bids.
 - (c) Bid evaluation not in order, it needs to be strictly in accordance with the provisions of the bid document irrespective of the prevalent institutional practices.
 - (d) Improper awarding of contract.

As the above points are mostly management issues, needs to be tackled by Institutions themselves.

It is further requested that all Institute may chalk out SOP/ Action plan/Check list while initiating procurement process, so that the common issues, observed above by the auditors, can be avoided in future.

Thanking you,

Yours faithfully,
(Rupali Jha)

Associate Consultant

National Project Implementation Unit (NPIU)
EDCIL House, 4th Floor, Plot No. 18-A, Sector 16-A
NOIDA-201 301, Uttar Pradesh
Phone: 0120-2513928,
EPABX No. 0120-2513921, 2513946
Fax Nos: 0120-2513926, 2512485
Email : npiuwb@hotmail.com Web : www.npiu.nic.in

BMS COLLEGE OF ENGINEERING

Bangalore, Karnataka

Post Review Actions

Procurement Process Risk Rating	Substantial
Contract Administration Risk Rating	Substantial

TO BE COMPLETED BY REVIEWER				TO BE COMPLETED BY BORROWER AGENCY			
No	Reviewer Observation/Finding	Reviewer Recommendation	Category	Action	Responsible Person	Est. Completion Date	Actual Completion Date
1	Procurement staff at certain institutions are still to gain familiarity with the PMSS, particularly in customizing the bidding documents, bid opening, bid evaluation, and Purchase Orders generated through the system	A tailor made training that combines the applicable procurement procedures and more importantly expertise in operating the PMSS including customization of bidding documents, bid opening and evaluation and Purchase Orders needs to be developed and imparted to the concerned staff at the participating institutions	Other	Noted	NPIU/ SPFU	Short term	The BMSCE has encouraged the procurement staff to take up the CPPM & CPCM and the Nodal Officer – Procurement to take up PPDM online courses conducted by the World Bank.
2	It has been noted that various institutions have been revising their procurement plans too frequently at will thereby diluting the purpose of a plan. Instances were noted wherein more than 20 revisions were made in last 18 months. With the implementation of the new business model on procurement by the Bank with higher thresholds for post reviews, the absence of NPIU's supervisory intervention with respect to the procurement plan may subject the project procurement to higher risk	With the substantially higher prior review thresholds and decrease in Bank's supervisory intervention on procurement actions, it is imperative that the NPIU/ SPFU setup play a bigger role in supervising the procurement to mitigate potential risks	Other	Noted	NPIU/ MHRD	Immediate	

BMS COLLEGE OF ENGINEERING

Bangalore, Karnataka

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3	As observed in the previous PPR, the PMSS continues to consider/ classify the procurement based on DGS&D rate contracts (admissible in lieu of Shopping as per applicable procurement provisions) as direct contracts which may lead to a distorted statistic on the methods of procurement adopted in the project	The PMSS needs to be provided with appropriate facility to control anomalies such as mis-categorization of contracts procured based on DGS&D Rate Contracts as Direct Contracts	Other	Noted	NPIU	Immediate
4	In addition to the above, based on the feedback of the staff attending the review, particularly on the PMSS, following limitations were identified: 1) Itemwise evaluation is not possible in case of RFQ containing multiple items. This may compromise economy in procurement 2) PO was generated on L2 bidder without marking L1 as non-responsive 3) Evaluated price cannot be different from the price at bid opening; 4) PO generated but not issued or signed and uploaded is also treated as contract issued	The NPIU needs to keep a track of the difficulties faced by the institutions and bugs in the PMSS, if established, must be resolved. The PMSS must be in accordance with the applicable procedures and not vice versa	Other	Noted and the NPIU has been assisting the concerned institutions through special intervention	NPIU	Immediate
5	It was noted that the model RFQ for goods through Shopping does not explicitly state that evaluation of quotations shall be excluding VAT/ sales and similar taxes but in practice majority of the institutions do conduct the evaluation excluding sales and similar taxes	The model RFQ needs to be amended appropriately to reflect the provisions in the procurement manual related to quotation evaluation	Procurement Process	Noted	NPIU	Immediate

BMS COLLEGE OF ENGINEERING

Bangalore, Karnataka

6	In cases of direct contracting, majority of the institutions fail to prepare an appropriate justification for procuring the proprietary item establishing how the identified item uniquely satisfied their necessary technical requirement and that there was no other manufacturer of similar product	Since every branded item may be construed to be a proprietary item, it is essential to prepare a rational justification note for procurement of a particular brand/ item establishing how the item uniquely satisfied the necessary technical requirement and that there was no other manufacturer of similar product. The NPIU, with the aid of the PMSS, can make available the cost database for similar items to ascertain cost reasonableness	Procurement Process	Noted	NPIU/ Concerned Institutions	Immediate	The BMS College of Engineering has initiated procurement of proprietary items under direct contracting only after ascertaining that no other manufacturer produces similar product and verifying the genuineness of proprietary certificate submitted by the vendors. However, the observation is noted.
7	Instances have been noted wherein the the evaluation of bids was adhoc and not in order leading to rejection of lower bids for inappropriate reasons. This was also observed in the previous PPR	The bid evaluation needs to be strictly in accordance with the provisions of the bid document irrespective of the prevalent institutional practices	Procurement Process	Noted	Concerned Institutions	Next Cycle	The BMS College of Engineering is strictly adhering to the provisions of the Bid document and project guidelines in bid evaluation. Advice of the experts from Industry and research institutions has been sought wherever necessary.
8	Like in the previous PPR, instances were noted of awarding contracts after the expiry of the bid validity period	The contract should be awarded within the bid validity period. In exceptional circumstances, a reasonable extension to the bid validity may be sought from all bidders	Procurement Process	Noted	Concerned Institutions	Next Cycle	The institution has awarded the contracts within the bid/quotation validity period and wherever necessary, validity extensions were sought for a reasonable period. Further the extended validity periods have been updated in the PMSS before placing purchase order as mandated. For example, In case of Package: BM/CH/G/6R Rotavap (TEQIP-II/KA/KA2G04/178), the institution has followed the same procedure of seeking the extended validity period and updated the same in the PMSS before placing the Purchase order.

BMS COLLEGE OF ENGINEERING

Bangalore, Karnataka

9	In certain instances, it was observed that the technical specifications for generic items such as furniture, computer equipment, etc are prepared in great detail thereby making them restrictive in nature and deterring competition. Instances of brand names being mentioned in the RFQ to define the item required were also noted as in the previous PPR	Technical specifications should be prepared to define only the essential functional parameters so as to attract fair competition. Use of brand names should be avoided to define the item to be procured.	Procurement Process	Noted	Concerned Institutions	Next Cycle	The BMS College of Engineering has provided only generic specifications for all its procurement. To facilitate bidding by more number of vendors, the institution implemented the necessary modifications in the generic specifications on the basis of the information received in the pre-bid meeting. The institution encouraged a healthy competition among the bidders.
10	Delay in payments has been noted in several instances which were mainly attributed to non-availability of funds with the institutions. NPIU is of the view that although the center releases the funds in a timely manner, the funds are held up for the state share before they are released to the institutions. Same observation was made in the previous PPR as well.	NPIU/ SPIU need to take up the issue of funds shortage at the appropriate level in the participating state so that payments and in turn the project progress is not hampered	Contract Administration	Noted	NPIU/ SPFU	Immediate	
11	Delay in supply and final acceptance thereafter was noted in several instances. It was observed that the delivery period stipulated in the RFQ/ PO was unrealistic considering certain items to be imported	Realistic delivery period should be stipulated in the RFQ on a case to case basis depending on the nature of items to be procured	Contract Administration	Noted	Concerned Institutions	Next Cycle	The institution had taken note of recommendation to stipulate the realistic delivery period. In case of availing the customs / excise duty exemptions[CDE], considering the time required for obtaining the CDE from the university, the institution implemented the modification while stipulating the delivery period counting from the date of issue of CDE.



GOVERNMENT OF KARNATAKA
Department of Technical Education
STATE PROJECT FACILITATION UNIT (TEQIP)

Tel: 080 -2237 0034

Directorate of Technical Education

4th Floor, Palace Road,

Bangalore - 560 001.

email: spfukarnataka@gmail.com

DTE/TEQIP/PROC/CR-30/2011-12

29th May 2015

To,

The Principal
 BMS College of Engineering,
 Bangalore.

Sir,

Sub: Verification of Procurements completed through PMSS as on January 2015.

Ref: 1. Visit of SPFU Procurement team on 20th January 2014 vide office memo: DTE/TEQIP/CR-07/2012-13 dated: 02nd January 2014.

2. Visit of Institution Procurement team on 27/03/2014 vide Office Memo: DTE/TEQIP/PRO/CR-19/2012-13 dated: 13th March 2014.

3. Visit of SPFU Procurement Officer team on 03rd & 04th March 2015 vide Office memo: DTE/TEQIP/PRO/CR-07/2012-13 dated: 21st February 2015.

With reference to above, SPFU team had visited BMS College of Engineering, Bangalore on 20th January 2014 for verification of procurement related documents and following observations were made in respect of 16 packages completed through PMSS.

1. BOG approved procurement plans without the signature of BOG chairman.
2. Incomplete Inward & Outward registers.
3. Incomplete Fixed Asset Registers and bills.
4. Incomplete Procurement formats PF1 to PF4 & SPFU checklist.

The Principal and TEQIP Officers were advised to attend to the above observations and inform SPFU for final verification. However, as per memo under reference (3) SPFU team re-verified the original procurement related files and documents submitted by the Institution Procurement team of BMS, Bangalore and following observations have been made in respect of 46 packages verified.

1. As per TEQIP-II Procurement manual, all institutional procurements including Goods & Equipment costing less than US\$ 3,00,000/- and Books & Software costing under US\$ 20,000/- come under 'Post Review' and therefore approval through PMSS does not arise. The new thresholds effective from 1st July 2014 do not apply to the procurements completed prior to that vide NPIU Email No. Nil, dated: 1st July 2014.

2. Maintaining lab-wise log book as per prescribed format for each procurement is mandatory for assessing utilization of resources including goods, equipment, Books, software etc. procured under TEQIP-II
3. In case of Direct Contracting, it is the responsibility of the institution to verify and ascertain uniqueness or sole distributorship of goods/equipment or software respectively. PMSS is only a web based monitoring tool and SPFU/NPIU verify the documents only when they are posted for prior review through PMSS. All other procurements are post reviewed as per procurement norms/guidelines of NPIU/World Bank. However, SPFU/NPIU may be contacted through email or by raising query in PMSS for any clarifications at any stage of procurement. Any lapse in complying with the World Bank Procurement Norms/Guidelines is the sole responsibility of the Institutional Project Implementation Authority.
4. Comparative Technical evaluation seems to be not done properly for some of the packages.
5. The following packages seemed to have been procured not in compliance with NPIU/World Bank Procurement Guidelines/Norms as specified in Procurement Manual and clarifications given by NPIU vide email letter No. P/TQ-II/ SPFU/ 2012, Dtd: 3/12/2012 and SPFU email letter no. DTE/TEQIP/PRO/CR-19/2011-12, Dtd: 18/04/2013.

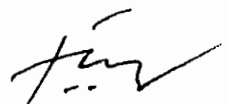
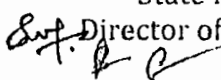
Sl. No	PMSS Package no. & Name	Method of Proc. & Amount	Reasons for disallowance
1.	TEQIP-II/KA/KA2G04/98 FPGA Kits	-Direct Contract - Actual Cost: Rs. 2,46,870/-	Uniqueness needs to be proved as many vendors/ manufacturers are available in the market Vendor has specified for 90 days of warranty instead of 12 months and therefore becomes commercially non-responsive. But, purchase order has been issued as over terms of the vendor.
2.	TEQIP-II/KA/KA2G04/152 WARP Radio Board	-Direct Contract - Actual Cost Rs. 5,20,000/-	-Quotations had been called for total quantity of 4 Nos and purchase order was issued for 1 No of items which is less than 85% of specified quantity in the invitation letter. Quantity variation more than + or - 15% is not allowed as per world bank norms.
3.	TEQIP-II/KA/KA2G04/134 Rapid Prototyping Machine	Direct Contract	Uniqueness needs to be proved as many vendors/ manufacturers are available in the market

		Rs. 7,59,600/-	OEM has authorized M/S Marutek, Bangalore to quote and sell but enquiry letter and purchase order has been given to M/S COMTEK, Bangalore. But, payment has been made to M/S Marutek The specifications in the invitation letter do not match with that in purchase order
	Total Amount of Three Packages	Rs. 15,26,470/-	

Therefore, you are requested to justify the procurement of three packages at an expenditure of Rs. 15,26,470/- (Rupees Fifteen Lakhs Twenty Six Thousand Four Hundred and Seventy only) for placing before the State Steering Committee (SSC) for final decision on or before 15th June 2015.

Thanking you,

Yours faithfully


State Project Advisor /
 Director of Technical Education



BMS

COLLEGE OF ENGINEERING

Autonomous College Under VTU | Aided by GOK | Approved by AICTE | Accredited by NBA

Phone : 91-80-2662-2130-35
Fax : 91-80-2661-4357
e-mail : principal@bmsce.ac.in
URL : www.bmsce.ac.in

ESTD 1946

BMSCE/TEQIP-II/PRM/2015-16/7

12 June 2015

The State Project Advisor &
Director of Technical Education,
Directorate of Technical Education
State Project Facilitation Unit (TEQIP),
Bangalore - 560001

Dear Sir,

Sub: Justification for procurement of (i) FPGA Kits (ii) WARP Radio Board and
(iii) Power lab tutor system under TEQIP-II

Ref: Your letter No. DTE/TEQIP/PROC/CR-30/2011-12 dated 29th May 2015.

With reference to the observations made by the SPFU procurement team in the letter under reference, we would like to put forth the following details for kind information:

1) PROCUREMENT OF FPGA Kits[TEQIP-II/KA/KA2G04/98] :

The FPGA kits have been procured for Rs.2,46,870/- from Core EL Technologies[Sole authorised sales representative of Xilinx in India as per the proprietary letter from Xilinx dated 1.4.12 that met the specifications required by the department [proposer]. Warranty of 12 months was sought while calling quotes, but the vendor submitted the quote with a warranty of 90 days as per their existing norms. However, later, the vendor M/s Core EL technologies agreed to provide warranty for 12 months on the product and issued a letter in this regard [attached herewith for ready reference].

Added to the above, FPGA kits procured with 12 months warranty during 2013 are working satisfactorily even today, without any hindrance or call for service.

2) PROCUREMENT OF WARP RADIO BOARD[TEQIP-II/KA/KA2G04/152]:

WARP radio Board was procured from EdGATE Technologies [sole authorised distributor of Mango Communications as per their letter dated 26.7.13] for Rs.5,48,600/-. The quotations were called for a quantity of 4 numbers of the item based on the previous plan.

.... 2

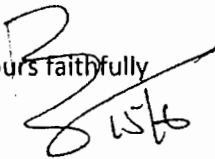
The vendor submitted a quote for one number. The vendor later confirmed that this quote is valid for procurement of any number of said item [clarification by the vendor dated 16.8.13 is enclosed]. Meanwhile, the departmental purchase committee submitted a request to procure only one number and hence, purchase order was released for one item as the vendor was the sole authorised distributor.

3) POWER LAB TUTOR SYSTEM [TEQIP-II/KA/KA2G04/134]:

Power Lab Tutor system, proprietary product of AD Instruments Pvt Ltd, Australia has been procured from its authorised vendor, M/s Marutek for Rs.7,59,600/-. Initially, invitation for quotation was sent to M/s Comtek Scientific Instruments and the said firm submitted a quote and requested to place the purchase order with M/s Marutek, a sister concern [a copy of the certificate endorsed by both M/s Comtek & M/s Marutek enclosed herewith]. As per the certificate, it is noted that M/s Comtek Scientific Instruments and M/s Marutek are sister companies run by the same individual. Further, M/s Comtek Scientific instruments does transactions in foreign exchange whereas M/s Marutek does transactions in Indian rupee. As such, purchase order was released and procurement was completed.

In view of above clarifications, this is to submit that the procurement of the said proprietary items is in accordance with the procurement guidelines of TEQIP -II and further, this is to request the concerned to drop the observations made in this regard.

Thanking you

Yours faithfully

PRINCIPAL

UPT/APRIL 2013/066

Date: May 6th, 2013

To
The Principal
B.M.S.College of Engineering
Bull Temple Road
Bangalore- 560 019

Sir,


Sub: Clarification on the period of warranty for FPGA kits.

Ref: 1. Invitation for Quote vide No.TEQIP-II/2013/KA2G04/98/Direct contract/28,
Dt.16th April 2013
2. Quotation No. UPT/APRIL 2013/066, dated 30.4.13
3. Letter dated 4.5.13

In response to your letter dated 4.5.13, we wish to clarify that we have submitted the quote as per the warranty provided by the OEM. You are welcome to observe the same on the website of M/s Xilinx Inc. Kindly issue the purchase order with 90 days warranty since the same need to be submitted by us to the OEM.

However, M/s Core EL Technologies agrees to provide warranty of 12 months for the FPGA Kits and please find enclosed herewith the revised terms and conditions as agreed by us.

Thanking you,




Parameshwara Naik L
Strategic Manager-University Program
CoreEL Technologies (I) Pvt Ltd
21, 7th Main, 1st Block, Koramangala
Bangalore-560 034
(M):+919945031122

**CoreEL Technologies (I) Pvt. Ltd.**

Read & Head Office : #21 7th Main, 1 Block, Koramangala, Bangalore - 560 034.

Terms & Conditions

- 1) **Price** : The quoted prices are discounted for academic purposes and inclusive of all handling charges including packing & forwarding to the site of installation. However other levies, entry tax etc shall be charged to your account.
- 2) **Validity** : Will be valid for **45 days from the date of offer**, after which it will be subject to our confirmation /revision before accepting any order.
- 3) **Sales Tax** : Shall be charged extra as applicable at the time of delivery, current prevailing rates are 5.5%.
- 4) **Payment Terms** : 100% payment against delivery and installation.
- 5) **Delivery** : Delivery will be completed within 6-8 weeks from the date of receipt of your clear & acceptable Purchase order at our end followed by order acceptance from our end. Delivery will be completed only when there is confirmation from the your/client side for the availability of computer's Lab & System
- 6) **Installation / Demonstration** : One Time free training and installation
- 7) **Warranty** : The hardware to be supplied will be warranted for successful performance for a period of One Year from the date of the installation against any manufacturing defects only.
- 8) **Force Majeure** : Standard force Majeure conditions apply and CoreEL shall not be responsible for any delay on account of this.
- 9) **Disclaimer** : CoreEL reserves the right to accept / reject any Purchase / Work order arising out of this offer without assigning any reason thereof CoreEL also reserves the right to make any technical / commercial changes to the proposal or any part thereof without assigning any reason whatsoever



Place your orders on
CoreEL Technologies (I) Pvt Ltd
#21, 7th Main, 1st Block, Koramangala,
Bangalore - 560034



CoreEL Technologies (I) Pvt. Ltd.

Regd. & Head Office : #21, 7th Main, 1 Block, Koramangala, Bangalore - 560 034.

Ref: EdGate/BMSCE/WARP/letter

16/08/2013

The Principal,
BMS College of Engineering,
Bull Temple Road,
Basavangudi,
Bangalore- 560004

Dear Sir,

Sub: Price Clarification

Invitation Ref: TEQIP-II/2013/KA2G04/Direct Contract/43, dated 25/07/2013

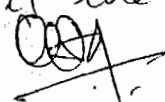
Our Ref: EdGate/BMSCE/WARP/Quote, dated 26/07/2013

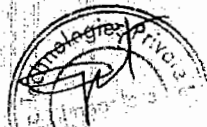
Reference to the above quote, we confirm that the prices and terms quoted are the best and remain same irrespective of the quantity.

For any further clarification feel free to contact us.

Thanking You.

For EdGate Technologies Pvt Ltd.

*Clarification sought is accepted
~~Pls~~ Please put it the file*




(Gurpreet Singh)

Manager-University Relations

Date: 24th September 2013

This is to certify that M/s. Comtek Scientific Instruments and M/s. Marutek are sister companies who authorised by M/s. AD Instruments Pty Ltd. M/s. Comtek Scientific Instruments stands for forex business transactions and M/s. Marutek stands for India rupee transactions. M/s. Comtek Scientific Instruments are authorised for quote on behalf of M/s. Marutek. The VAT Number of M/s. Marutek is 29640219074 and Reg No. of M/s. Comtek Instruments is 927/99-2000

Find below the authorised seal of M/s. Comtek Scientific Instruments and M/s. Marutek respectively.

For Comtek

(Seal of Comtek)



(Seal of Marutek)



Put it the respective file

[Handwritten signature]



FORM VAT 7
[See Rule 9(1)]



(LVO-60)

VALUE ADDED TAX REGISTRATION CERTIFICATE

IN : 29040219074

This is to certify that **JAYAKUMAR, Proprietor, MARUTER**, whose principal place of business is situated at **NO. 204, 2ND FLOOR, STERLING TERRACES, BANASHANKARI 3RD STAGE, BANGALORE - 560085** has been registered as a dealer under Section 22 of the Karnataka Value Added Tax Act, 2003, subject to the provisions of the said Act and Rules made there under.

The dealer has additional place(s) of business as noted below.

The aforementioned dealer is authorized to collect tax on his/her sales as specified in the said Act from **01/04/2005**.

This certificate is valid from **01/04/2005** until cancelled.

Place: **Bangalore**

Date: **15/02/2011**

Asst. Commissioner
Signature
LVO 06C - LVC 06C

(Seal)

CST Act, 1956:

The said dealer is also registered under the provision of CST Act, 1956. He is permitted to purchase the following class of goods availing concessional rate of tax under Section 30(1) of the CST Act, 1956 with effect from **01/04/2005**.

COMMODITIES ARE LISTED IN THE ANNEXURE

Place: **Bangalore**

Date: **15/02/2011**

Asst. Commissioner
Signature
LVO 06C - LVC 06C
(Seal)

The dealer is also registered under KTEG Act, 1979

Place: **Bangalore**

Date: **15/02/2011**

Asst. Commissioner
Signature
LVO 06C - LVC 06C
DVO - 2, Bangalore
(Seal)

ಪ್ರವೃತ್ತಿ ಸ FORM C

[10 (a) ನಿಯಮ ನೋಡಿ (See Rule 10 (a))]

ವ್ಯಾಪಾರಿ ಸಂಸ್ಥೆಯ ನೋಂದಣಿಯ ಸ್ವೀಕೃತಿ ಪತ್ರ
ACKNOWLEDGEMENT OF REGISTRATION OF FIRM

ಕರ್ನಾಟಕ ರಾಜ್ಯದ ವ್ಯಾಪಾರ ಸಂಸ್ಥೆಯ ರಿಜಿಸ್ಟ್ರಾರ್‌ನವರು ಇದುವೇ ಇಲ್ಲಿಯ ಭಾರತದ
ಪಾಲುದಾರರಿಗೆ ಅಧಿನಿಯಮದ ಸಲ (1)ನೇ ಪ್ರಕರಣದಿಂದ ವಿಧಿಸಲ್ಪಟ್ಟ ನಿಯಮಗಳನ್ನು ತಮ್ಮ
ಕ್ರಮಬದ್ಧವಾಗಿ ಈ ಮೂಲಕ ಅನುಮತಿಸಿ, ನಿಯಮಗಳನ್ನು ಪೈಲ್ ಮಾಡಿದೆ. ವ್ಯಾಪಾರ ಸಂಸ್ಥೆಯ
ಹೆಸರನ್ನು ಘೋಷಿಸಿದೆ. ವ್ಯಾಪಾರ ಸಂಸ್ಥೆಯ ಹೆಸರಾದ _____ ನೆಯ

OFF

ಕ್ರಮಾಂಕವಾಗಿ ಬರೆದಿದೆ.

The Registrar of Firms, Karnataka, hereby acknowledges the receipt of the statement prescribed by Section 58 (1) of the Indian Partnership Act, 1932. The statement has been filed and the name of Firm ref. CarTEK has been entered in the Register of firms as No. 927/99-2000



ವ್ಯಾಪಾರ ಸಂಸ್ಥೆಯ ರಿಜಿಸ್ಟ್ರಾರ್‌ನವರು
For Registrar of Firms.

Sea

Bangalore City ಬೆಂಗಳೂರು ನಗರ

Dated the _____

OFF)

day of 18/09/1999

*ವ್ಯಾಪಾರಿ ಸಂಸ್ಥೆಯ ಹೆಸರನ್ನು ಬರೆಯಿರಿ.
Here enter the name of the Firm.

ref. CarTEK
No 135 'B' Ranka Colony
Banerghatta Road
Bangalore-560076

WD 05736-GPB-1000 pads of 100 sheets each-23-10-90

8. Other Places of Business ಬಾಹ್ಯ ಸ್ಥಳಗಳ ವಿವರ				Name of Firm ದಾಖಲೆ ಸಂಸ್ಥೆಯ ಹೆಸರು				Name of Firm ದಾಖಲೆ ಸಂಸ್ಥೆಯ ಹೆಸರು			
Name of Place ಸ್ಥಳದ ಹೆಸರು	Date of ಆರಂಭ		Remarks ಟಿಪ್ಪಣಿ	Sl. No. of the docu- ment ದಾಖಲೆ ಸಂಖ್ಯೆ	Description of document ದಾಖಲೆ ವಿವರ	Date of filing ಆರಂಭ	Signature of Registrar ರಜಿಸ್ಟ್ರಾರರ ಸಹಿ	Sl. No. of the docu- ment ದಾಖಲೆ ಸಂಖ್ಯೆ	Description of document ದಾಖಲೆ ವಿವರ	Date of filing ಆರಂಭ	Signature of Registrar ರಜಿಸ್ಟ್ರಾರರ ಸಹಿ
	Opening ಆರಂಭ	Closing ಮುಕ್ತಿ									
122				1.	From No. 1	19/4					

This Copy Granted to the Applicant:

for H.S. COMTEK

Place Bangalore

Copy Applied on 25/6/99

Copy Ready on 25/6/99

Copy Delivered on

Copy Application No. 25/6/99

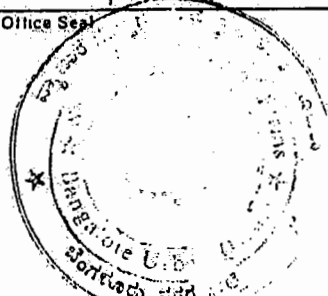
Total Number of Corrections Nil

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Copy Compared by 25/6/99

Office Seal



TRUE COPY

For Registrar of Firms
Bangalore Urban District
25/6/99

FORM A)
Part C)

REGISTER OF FIRMS
Part C)

[See Rule 5]
To be filled in

Maintained under section 59 of the Indian Partnership Act, 1932.

1. Serial No. of Firm:
To be filled in

927/99-800

2. Name of Firm:
To be filled in

M/S. CAMERON

3. Date of Registration:
To be filled in

12/10/99

4. Duration of the firm:
To be filled in

At will

5. Address: No. 135 B. Lanka Colony
Bannurkalla Road
1. B. L. 20-76

Date of Change To be filled in	Remarks To be filled in	6. Partners To be filled in					7. Principal place of business & changes therein To be filled in		
		Name of the Partners To be filled in	Address To be filled in	Date of To be filled in		Remarks To be filled in	Particulars regarding the place To be filled in	Date of Change To be filled in	Remarks To be filled in
	1.	S. Jaya Kumar	No. 135 B Lanka Colony Bannurkalla Road. B.L. - 76	12/10/99			No. 135 B Lanka Colony Bannurkalla Road. B.L. - 76		
	2.	Heravathi J							

B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-II

SEVENTH MEETING | 11.09.2013 | SUB-COMMITTEE OF BOG | MINUTES

MEMBERS PRESENT

1. Prof. D. Thukaram, Chairman
2. Sri. M. Krishnaswamy, Member
3. Dr. K. Mallikharjuna Babu, Principal & Convenor

NODAL OFFICERS/CO-ORDINATORS PRESENT:

1. Dr. G. N. Sekhar, TEQIP Co-ordinator I
2. Dr.L.Ravikumar, TEQIP Co-ordinator-II
3. Dr.K. Guruprasad , Nodal Officer - Equity Assurance Plan Implementation
4. Dr. K.R.Suresh, Nodal Officer – Financial Aspects
5. Dr. H. S. Guruprasad, Nodal Officer - Academic Activities
6. Dr.C.Lakshminarayana, Nodal Officer - Equity Assurance Plan Implementation
7. Dr.M.C.Sampath Kumar, Nodal Officer-CW including EM
8. Dr.M.Indiramma, Coordinator-IIIC
9. Dr.S.Gowrishankar, Nodal Officer - Academic Activities
10. Sri.C.T.Puttaswamy, Nodal Officer-CW including EM
11. Dr.M.Ramachandra, Co-ordinator, CoE

The Principal and the convenor of the sub-committee of BOG welcomed the members for the meeting.

1. **Read and record the minutes of the sixth meeting of the BOG sub-committee held on 16th July 2013.**

The minutes of the sixth meeting of the BOG sub-committee held on 16.7.2013 were read and recorded [Annexure-1].

2. **Review of project's progress by an Internal Review Committee:**

The committee took a note of communication from the SPFU dated 6th June 2013 asking the institution for the conduction of an internal review through a review committee consisting of senior academicians like Institute's Mentor & senior professor of the institution.

(c) Procurement of equipment for the Centre of Excellence:

The committee perused the proposals of procurement under COE and approved the procurement of following equipment for establishing the Centre of Excellence in Advanced Materials Research and directed to initiate the process of procurement for the below mentioned items following the norms of the TEQIP-II

SNo	Description of Works/Goods	Estimated Cost (Rs)	Mode of Procurement
1	Scanning Electron Microscope (SEM)	100,00,000	NCB
2	X-Ray Diffraction analyzer (XRD)	70,00,000	NCB
3	Abrasive Water Jet machine (AWJ)	90,00,000	NCB
4	FTIR Spectroscopy equipment	9,50,000	DC
5	Dual Sputtering Equipment	18,00,000	NCB
6	Magnetic Stirrer	6,000	Shopping
7	Rectangular muffle furnace	23,000	Shopping
8	Heating oven Up to 300° C	25,000	Shopping
9	Heating Mantle	3,000	Shopping
10	Hydraulic press, 15 ton capacity	51,000	Shopping
11	Agate Mortar & pestle	1,500	Shopping
12	Ice Maker	1,50,000	Shopping
13	Dies and Plunger	12,000	Shopping
14	Rotary Vacuum pump	9,000	Shopping
15	ASM hand books on materials	2,50,000	Shopping
16	Additional journals in the thematic area of Advanced Materials through science direct & springer link	8,00,000	Shopping/DC

Note: NCB-National Competitive Bidding; DC-Direct Contract

(d) Collaborations:

(i) Collaboration with Magod Laser Machining Pvt Ltd., Bangalore.

The committee noted that the Coordinators are conducting discussions with M/s Magod Laser Machining Pvt. Ltd., Bangalore for applicable research and product development and to have the collaboration for research in machining of advanced materials using water jet and Laser beam methods.

NATIONAL COMPETITIVE BIDDING FOR
THE SUPPLY OF BM/COE/XRD/5

SECTION I. INVITATION FOR BIDS (IFB)

Date : 10.10.2013

Credit No. : Cr. 4685-0 IN

IFB No. : TEQIP-II/KA/KA2G04/179

1. The Government of India has received a Credit (Cr. 4685-0 IN) from the International Development Association in various currencies towards the cost of project_Technical Education Quality Improvement Programme[TEQIP]-Phase II (TEQIP II) and it is intended that part of the proceeds of this credit will be applied to eligible payments under the contracts for which this Invitation for Bids is issued.
2. The **The Principal, BMS College of Engineering, Bangalore** now invites sealed bids from eligible bidders for supply of **BM/COE/XRD/5** listed below:

<u>Sr. No</u>	<u>Item Name</u>	<u>Quantity</u>
1	XRD Equipment	1

3. Interested eligible Bidders may obtain further information from and inspect the bidding documents at the office of the **TEQIP, BMS College of Engineering, 6th Floor, B S Narayan Block, Bull Temple Road, Bangalore 560019, Karnataka, India.**
4. A complete set of bidding documents may be purchased by any interested eligible bidder on the submission of a written application to the above office and upon payment of a non-refundable fee as indicated below in the form of a Demand Draft in favour of **The Principal BMS College of Engineering**, payable at **Bangalore**.
5. The provisions in the Instructions to Bidders and in the General Conditions of contract (GCC) are based on the provisions of the World Bank Standard Bidding Document - Procurement of Goods.
6. The bidding document may be obtained from the office of **BMS College of Engineering, Bangalore** during office hours namely, from **10:00 hrs to 15:00 hrs**, on all working days either in person or by post.
 - (a) Price of bidding document (non-refundable) : ₹ 2000
 - (b) Postal charges, inland : ₹ 500
 - (c) Postal charges, overseas : ₹
 - (d) Date of commencement of sale of bidding document : 10.10.2013 10:00 Hours
 - (e) Last date for sale of bidding document : 12.11.2013 13:00 Hours
 - (f) Last date and time for receipt of bids : 12.11.2013 13:00 Hours
 - (g) Time and date of opening of bids : 12.11.2013 14:30 Hours
 - (h) Time and date of Prebid meeting : 25.12.2013 10:30 Hours



BMS COLLEGE OF ENGINEERING, BANGALORE
Technical Education Quality Improvement Programme-II (TEQIP-II)

BID OPENING MEETING held on 12-11-2013 at 14.30 Hours

Venue: TEQIP Conference Hall, BMSCE

Ref: BID REFERENCE NO: TEQIP-II/KA/KA2G04/179 XRD Equipment
Centre of Excellence

BID OPENING FORM

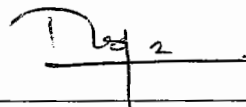

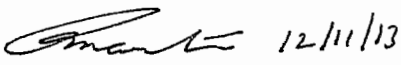
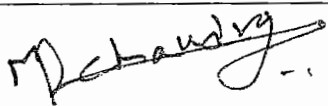
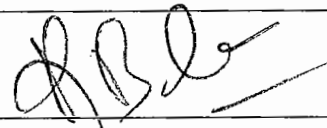
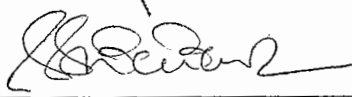
Question	Spectris Technologies Pvt Ltd	IR Technology Services Pvt Ltd
Is Bid received?	Yes	Yes
Is Bid withdrawn?	NO	NO
Is Bid modified?	NO	NO
Is Bid duly signed?	Yes	Yes
Bid Number	IN1311042001-0	BNG/IND/5495
Bid date	11-08-2013	11-11-2013
Validity of Bid	91 days	90 days
Validity of Bid Security	90 days	90 days
Is Bid security as specified?	Yes BG: TEBNDH309178 22-10-2013 HSBC Ltd	Yes BG: 130783IBGB00129 07-11-2013 IDBI Bank Ltd
Is the cost of Bid document attached?	Yes DD: 089979 dt 7-11-2013 State Bank of India	Yes DD: 203139 dt 11-11-2013 Canara Bank
Unconditional Discount, if any (%)	NO	NO
Read out price without taxes	Rs: 100,88,710/- Rs 92,85,200	Rs 92,85,200/-



BMS COLLEGE OF ENGINEERING, BANGALORE
Technical Education Quality Improvement Programme-II (TEQIP-II)
BID OPENING MEETING held on 12-11-2013 at 14.30 Hours

Venue: TEQIP Conference Hall, BMSCE

Ref: TEQIP-II/KA/KA2G04/179 XRD Equipment
Centre of Excellence

Members Present		Signature
1	Dr L Ravikumar Professor – Mechanical Engineering / TEQIP Coordinator II	
2	Dr K R Suresh Professor – Civil Engineering / TEQIP Nodal Officer – Finance	- L O A -
3	Dr M S Dharmaprakash Professor – Chemistry / TEQIP Nodal Officer – Procurement	 12/11/13
4	Dr.Martin Jebraj Director – R & D, BMSCE	 12/11/13
5	Dr M Ramachandra Coordinator – COE for Advanced Materials Research	
6	Shri R Balaji Procurement Manager – TEQIP II	
7	Dr. S. SRINIVATS PZ	



BMS COLLEGE OF ENGINEERING, BANGALORE-19
BOARD OF GOVERNORS (BOG)

Minutes of 54th Meeting

January 13, 2014

2. STATUS REPORT ON THE IMPLEMENTATION OF THE ACTIVITIES OF TEQIP-II PROJECT

The member secretary apprised the Board that the institution is one amongst the 15 Engineering Colleges in the state qualified for funds in the Phase-II of TEQIP under sub-component 1.2. The MOU was signed on 24.06.2011 for implementation of TEQIP Phase-II Project. The total outlay is Rs.1250 lakhs. The following are the objectives of TEQIP-II Project:

Objectives of TEQIP-II Project

- Strengthen institutions to produce high quality engineers for better employability;
- Scale-up post-graduate education and demand-driven Research & Development and innovation;
- Establish centers of excellence for focused applicable research;
- Train faculty for effective teaching;
- Enhance institutional and system management effectiveness.

2.1 STATUS OF FUNDS RECEIVED

The first installment of Rs.200 lakhs has been received on 24.09.2012 from Government of Karnataka facilitated by SPFU. It is learnt that a second installment of Rs.375 lakhs has been sanctioned and also released from the MHRD/NPIU. The said grant is yet to be received. In the meantime, the Management has sanctioned a cash advance of Rs.150 lakhs subject to reimbursement for the continuation of the Project.

2.2 BOG SUB-COMMITTEE FOR TEQIP II

The member secretary informed that the BOG Subcommittee under the Chairmanship of Prof. D. Thukaram has conducted eight meetings so far. It was also informed that all the Coordinators/Nodal Officers were part of



BMS COLLEGE OF ENGINEERING, BANGALORE-19
BOARD OF GOVERNORS (BOG)

Minutes of 54th Meeting

January 13, 2014

these meetings. Further, it was informed that the minutes of first five meetings were approved by the BOG. The minutes of subcommittee (1 to 5) are provided at Annexure-2.

The member secretary also informed that the minutes of the 6th, 7th and 8th meetings are placed for approval. The Board took note of the same. After detailed deliberations, with subcommittee members, the Board approved the minutes of the 6th, 7th & 8th meetings of the BOG subcommittee. The minutes of subcommittee (6 to 8) are provided at Annexure-3.

2.3 MENTORING OF TEQIP II ACTIVITIES

The Board was informed that Professor B. S. Sonde, the mentor for the activities of TEQIP-II has conducted two rounds of mentoring. The Board noted the reports of the mentor.

While expressing thanks to the BOG for inviting him to the meeting, Professor B. S. Sonde has apprised the Board about the implementation of the Project. He has expressed complete satisfaction on implementation of the project by the institution. He further stated that he is much impressed about the TEQIP II activities being conducted in the college in spite of delay in the release of Grants and appreciated Management for their proactive support and participation in the Project. The mentoring reports/compliance are provided at Annexure-4.



BMS COLLEGE OF ENGINEERING, BANGALORE-19
BOARD OF GOVERNORS (BOG)

Minutes of 54th Meeting

January 13, 2014

3.3 PROCUREMENT

- (a) The Board noted the proposal submitted by the coordinators of COF for procurement of equipment at an estimated cost of Rs.3.111 Crores towards establishing the Centre of Excellence [Annexure-10].

While on the subject the Programme Coordinator informed the Board that the permissible limit for procurement is Rs.2.75 Crores. He further explained that due to variation in the dollar price and change in available product specifications, this situation aroused. The Chairman of the subcommittee also opined that there is little that can be done in such circumstances as it is driven by the market trends. And it was requested that the Management shall support by providing the necessary funds.

The Board took note of the proposals in detail. After detailed deliberations, the Board approved the procurement proposals submitted for the Center of Excellence in Advanced Materials Research. The Board noted the procurement process initiated till date.

Taking cognizance of the additional requirement of funds the Board approved to extend additional financial support of about rupees thirty lakhs from the Management Funds. Further, the Board authorized the Chairman of BOG to give necessary approvals, if any in this regard.

- (b) The Board noted that bids were received for the equipment: (i) Scanning Electron Microscope (SEM), (ii) X-Ray diffraction analyzer (XRD), (iii) Abrasive water jet machine (AWJ) and (iv) Dual Sputtering Unit through National Competitive Bidding (NCB). The Board was informed that the technical and financial bids received for Abrasive water jet machine and Dual sputtering Unit are forwarded to



BMS COLLEGE OF ENGINEERING, BANGALORE-19

BOARD OF GOVERNORS (BOG)

Minutes of 54th Meeting

January 13, 2014

NPIU for approval. The Board authorized the Principal to place purchase orders for these items after receiving the consent of NPIU.

The Board further noted that one bid is received towards the procurement of Scanning Electron Microscope (SEM) and two bids are received towards X-Ray diffraction analyzer (XRD). The price quoted for the items is 50% more than the estimated price. It is opined that more bids would have been received if the process is enabled through International Competitive Bidding (ICB) than NCB. After detailed deliberations, the Board suggested to cancel the NCBs and to initiate the procurement process through ICBs.

3.4 R&D COLLABORATIONS

The Board expressed satisfaction over the various R&D collaborations initiated.

3.5 RESEARCH ASSISTANTS

The Board granted permission for appointing research assistants to assist each of the coordinators of COE.

3.6 EXTERNAL SENIOR RESEARCH ADVISOR

The Board granted permission for appointing an external senior research advisor for the COE.

3.7 NEW PG PROGRAM (M.Tech.) IN MANUFACTURING SCIENCE & ENGINEERING

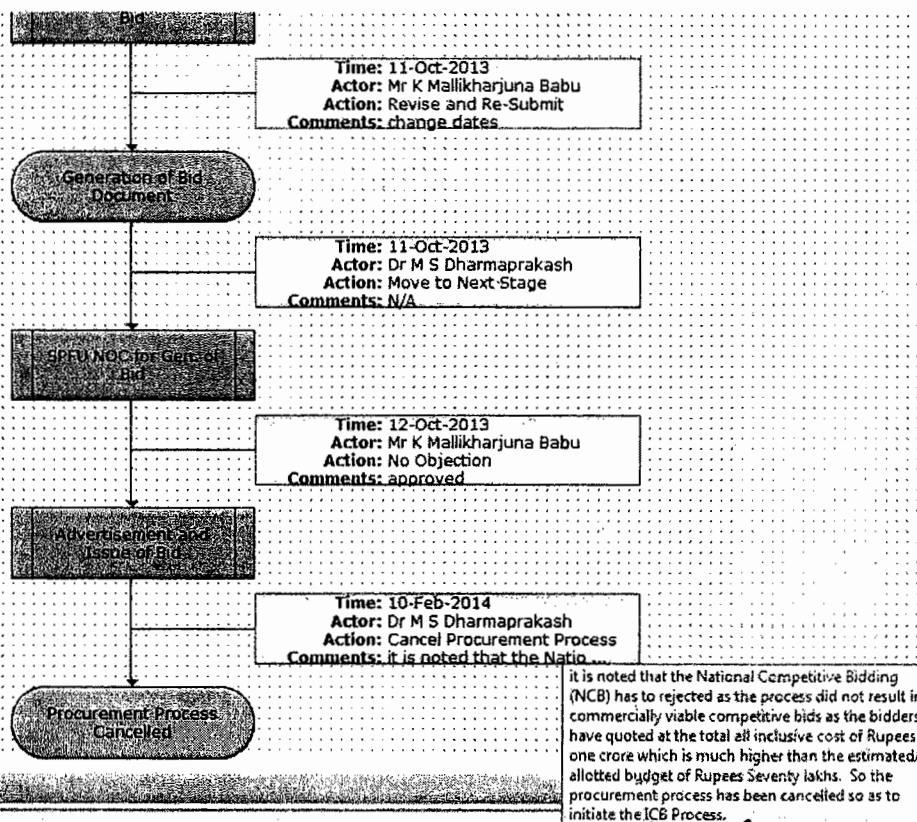
The Board noted that the proposed PG program in Advance Materials could not be started as the same was not a listed program of VTU. The

Status Information

Started: 10-Oct-2013
Originator: Dr M S Dharmaprakash
Current Stage: Procurement Process Cancelled

Last Run: 10-Feb-2014
Last Actor: Dr M S Dharmaprakash
Approvers: N/A

Status Summary



Req. NOC for Gen. of Bid for Packages 195 and 196

Dharmaprakash Mallenahalli <procurementnodalofficer@bmsce.ac.in>
Draft

Wed, Jul 8, 2015 at 10:43 AM

Comments added by 'pcbmsceb' on '28/02/2014 8:43:53 AM'

Dear Sir,

Ref. our query 2916,

QUERY:

Ref. BM/COE/Scanning Electron Microscope/1R [TEQIP-II/KA/KA2G04/195] and BM/COE/XRD/5R [TEQIP-II/KA/KA2G04/196], we understand from our earlier NCBs for the same items that each of these high-value items is to be (1) imported with no indigenous feasibility (2) costs around Rs. 145 lakhs inclusive of all taxes (3) direct import thru ICB could help to be within budget (100 Lakhs) after applicable Customs Duty Exemption. But considering value (>150 lakhs) and our total approved budget, PMSS does not accept the revised package. In the above scenario, please advice how to go ahead and our decision to go for ICB.

Nodal Officer-Procurement BMSCE

We would be thankful to you if you
could send your advice and suggestions today.

With thanks & regards,

Nodal Officer BMSCE

With thanks & regards,

Dr M S Dharmaprakash *Ph.D (IISc)*

Nodal Officer Procurement - TEQIP II

Professor - Department of Chemistry

BMS COLLEGE OF ENGINEERING

[TEQIP-II Office, 6th Floor, B S Narayan Block]

Bull Temple Road, Bangalore 560019

TEQIP II Office: 080 26670909 Office Ph 080 26611636, 26614359 Extn 6062.

Fax: 080 26611564

Mobile: 09731265431

——— Forwarded message ———

From: <npiuqt@yahoo.co.in>

Date: Mon, Mar 3, 2014 at 7:05 PM

Subject: New Comments for Request 'I C B'

To: drkmbabu@bmsce.ac.in, msdharmaprakash@gmail.com, ravi.teqip@gmail.com,
viceprincipal@bmsce.ac.in

Hello,

New Comments has been added for Request 'I C B'

Comments:

Comments added by 'pcnpiu' on '03/03/2014 7:09:11 PM'


Sir,

You may have a look at the option of using LIB for your procurement, if its feasible and if you can justify the its usage for this case.

Else, you may proceed with NCB only. The threshold of ICB is quite high w.r.t. your case.

regards,
Prashant (Consultant NPIU)

2 attachments

 **LIB Bid Doc 7a75b544[1] XRD 17 07 2014.xml**
1485K

 **LIB Bid Doc SEM [PMSS f7b1bbcb 23 06 2014] 17 07 2014.xml**
1525K

ii)Permission to change the mode of procurement:

The committee discussed in detail the minutes of the Procurement Committee for COE held on 19.5.2014[Annexure-9] and noted the observations that (a) the NCB process to procure the following two packages did not result in commercially viable bids (b) the equipment are technologically complex (c) only few manufacturers are available (d) all the manufacturers are out of India and (e) the possibility of the customs duty exemption on imported goods for the institution.

The committee accorded approval to re-initiate the process of procurement for the following equipment through LIB (Limited International Bidding)

Sl.No	Item	Estimated Cost (Rs.)
1	Scanning Electron Microscope	1,00,00,000/-
2	XRD Equipment	80,00,000/-

11. Any other items

- a) The TEQIP Co-ordinator-I submitted the copies of the observations and remarks of Dr.Martin Jebaraj, Director-R&D, while evaluating the sole bid received towards the NCB called for procurement of 3D Printer based on the proposal submitted by Dr.Rathan Raj .

As per the directions of the committee, Dr.K.J.Rathanraj was invited to the meeting and heard his presentation on the justification for seeking such a high end 3D printer. The committee also perused his earlier submission on the remarks of Dr.Martin Jebaraj[Annexure-10]

After detailed deliberations, the BOG sub-committee constituted an expert committee consisting of Dr.U.Chandrashekar, Scientist-G[Former], DRDO & Sri.Krishna Swamy, Member, Sub-committee of BOG and authorised the Principal to act as per the directions of the said committee.

BMS COLLEGE OF ENGINEERING, BANGALORE

Technical Education Quality improvement Programme-II[TEQIP]

Centre of Excellence

Minutes of meeting held on 19th May 2014 at 3:30 PM at TEQIP Seminar Hall, BMSCE

NODAL OFFICERS/CO-ORDINATORS PRESENT:

Sl.	Name of the Member & Role	Designation	Signature
1	Dr.K.Mallikharjuna Babu, Chairman	Principal, BMSCE	
2	Dr Martin jebaraj, Member	Director-R & D, BMSCE	
3	Dr L Ravikumar, Member	TEQIP Coordinator II	
4	Dr.K R Suresh, Member	TEQIP Nodal officer-Finance	
5	Dr.M.S.Dharmaprakash, Member	TEQIP Nodal officer-Procurement	
6	Dr.S Srinivas, Invitee(Proposer)	Principal Investigator-COE	
7	Dr Chandasree Das, Invitee (Proposer)	Principal Investigator-COE	
8	Dr.M Ramachandra, Member Convenor	Coordinator-COE	

NODAL OFFICERS/CO-ORDINATORS ABSENT:

Sl.	Name of the Member & Role	Designation	Signature
1	Dr.Murugendrappa M V, Invitee (Proposer)	Principal Investigator-COE	

Dr.K.Mallikharjuna Babu, Principal, BMSCE & Chairman of the Committee Welcomed the Procurement committee Member of Centre of Excellence. The committee noted the following:

1. Review the status of procurement of the following packages:

S.L no	Package
1	TEQIP II/KA/KA2GO4/194 Water Jet Cutting Machine
2	TEQIP II/KA/KA2GO4/193 Dual Sputtering Equipment
3	TEQIP II/KA/KA2GO4/189 Precision impedance Analyzer
4	TEQIP II/KA/KA2GO4/174 FTIR Spectroscope

The Committee decided to convene along with the external technical experts to review and recommend.

2. To Change the mode of procurement from I C B (International Competitive Bidding) to L I B (Limited International Bidding) in respect of the following packages:

Sl no	Package
1	BM/COE/Scanning Electron Microscope
2	BM/COE/XRD/5-XRD Equipment

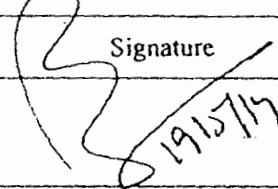
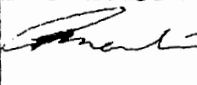

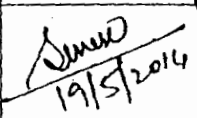



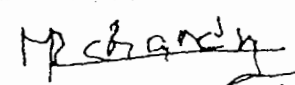
The Committee reviewed the mode and recommended the change in the mode of procurement to be placed for the approval of sub-committee of BOG (Board of Governor).

The same will be placed before the next meeting of B O G which is scheduled on 26th May.

BMS COLLEGE OF ENGINEERING, BANGALORE
Technical Education Quality Improvement Programme-II (TEQIP-II)

Center of Excellence

Meeting of Procurement Committee for Centre of Excellence (COE)
held on 19 May 2014 by 3:30 PM at TEQIP Seminar Hall, BMSCE

Sl.	Name of the Member & Role	Designation	Signature
1	Dr. K. Mallikharjuna Babu, Chairman	Principal, BMSCE	 19/5/14
2	Dr Martin Jebaraj, Member	Director – R & D, BMSCE	 19/5/14
3	Dr L Ravikumar, Member	TEQIP Coordinator II	 19/5/14
4	Dr K R Suresh, Member	TEQIP Nodal Officer – Finance	 19/5/2014
5	Dr.M.S.Dharmaprakash, Member	TEQIP Nodal Officer – Procurement	 19/5/14
6	Dr. S Srinivas, Invitee (Proposer)	Principal Investigator – COE	 19/5/14
7	Dr. Murugendrappa M V Invitee (Proposer)	Principal Investigator – COE	
8	Dr Chandasree Das, Invitee (Proposer)	Principal Investigator – COE	 19/5/14
9	Dr. M Ramachandra, Member Convenor	Coordinator – COE	 19/5/14

May 15, 2014

Prof. A. U. Digraskar
Central Project Advisor
National Project Implementation Unit
Ed.CIL House, 4th Floor
18-A, Sector 16-A
Gautam Budh Nagar
Noida - 201 301 (U.P.)

Dear Prof Digraskar,

Please find attached DEA's approval of the New Procurement Business Model (NBM) coming as a result of Bank's proposal on Ways and Means to Enhance Procurement Management in Bank's funded portfolio. This proposal is now put for implementation to all projects financed by the Bank. As discussed during last Implementation Support Mission, here below are the main updates impacting procurement activities of your project:

1. Revised Thresholds for Procurement Methods: thresholds have been revised as follows:
 - a. Goods up to \$3 million equivalent can be procured using NCB
 - b. Works up to \$10 million equivalent can be procured using NCB
 - c. Goods and Works up to \$50,000 can be procured using shopping
 - d. Direct contracting (goods) up to \$50,000 - Books and proprietary items and up to \$ 1,000 - for minor items
2. Discontinued ex-ante review and no objection by Bank of the following decisions related to post review contracts:
 - a. rebidding
 - b. extensions of bid validity periods
 - c. amendments to Goods/ Works/Cons contracts (unless the resulting contract amount after amendment exceeds agreed Prior Review Threshold)
 - d. very small consulting contracts (below \$10,000); and,
 - e. Individual consultants contracts (below \$10,000) selected on sole source basis with the exception of critical assignments
3. Revised Thresholds for Prior Review by Bank:
 - a. Works \$5 million and above
 - b. Goods \$1.0 million and above
 - c. IT and non-consultancy services \$1.0 million and above
 - d. Consultancy services by firms \$0.20 million and above

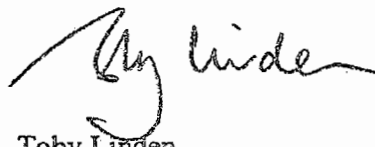
- e. Consultancy services by individuals \$0.10 million and above
- f. Single source selection of consultants \$10,000 and above

You are kindly invited to advise institutes to update their respective procurement plans taking into account the new thresholds indicated above for both procurement methods and also for prior review thresholds. The revised procurement plan agreed for the project will be entered into the system after clearance from the BoG/ MC of respective institutions. Further the PMSS needs to be updated with revised thresholds.

We are available for any support or clarification you might require.

Thanks and best regards,

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Toby Linden', with a stylized flourish at the end.

Toby Linden

Lead Education Specialist and Task Team Leader

Annex 1: NCB Provisions

Existing NCB Condition	Revised NCB Condition (DEA approved modifications)
Only the model bidding documents for NCB agreed with the GOI Task Force (and as amended for time to time), shall be used for bidding	No change
Invitations to bid shall be advertised in at least one widely circulated national daily newspaper, at least 30 days prior to the deadline for the submission of bids	Invitations to bid shall be advertised in at least one widely circulated national daily newspaper (or on a widely used website or electronic portal with free national and international access along with an abridged version of the said advertisement published in a widely circulated national daily inter-alia giving the website/electronic portal details from which the details of the invitation to bid can be downloaded), at least 30 days prior to the deadline for the submission of bids
No special preference will be accorded to any bidder either for price or for other terms and conditions when competing with foreign bidders, state-owned enterprises, small-scale enterprises or enterprises from any given State	No change
Except with the prior concurrence of the Bank, there shall be no negotiation of price with the bidders, even with the lowest evaluated bidder	No change
Extension of bid validity shall not be allowed without the prior concurrence of the Bank (i) for the first request for extension if it is longer than four weeks; and (ii) for all subsequent requests for extension irrespective of the period (such concurrence will be considered by Bank only in cases of Force Majeure and circumstances beyond the control of the Purchaser/ Employer)	Extension of bid validity shall not be allowed with reference to Contracts subject to Bank prior review without the prior concurrence of the Bank (i) for the first request for extension if it is longer than four weeks; and (ii) for all subsequent requests for extension irrespective of the period (such concurrence will be considered by Bank only in cases of Force Majeure and circumstances beyond the control of the Purchaser/ Employer)
Re-bidding shall not be carried out without the prior concurrence of the Bank	Re-bidding shall not be carried out with reference to Contracts subject to Bank prior review without the prior concurrence of the Bank
The system of rejecting bids outside a pre-determined margin or "bracket" of prices shall not be used in the project	No change
Rate contracts entered into by Directorate General of Supplies and Disposals will not be acceptable as a substitute for NCB procedures. Such contracts will be acceptable however for any procurement under the Shopping procedures	Rate contracts entered into by Directorate General of Supplies and Disposals will not be acceptable as a substitute for NCB procedures unless agreed with the Bank on case to case basis. Such contracts will be acceptable however for any procurement under the Shopping procedures
Two or three envelope system will not be used	Two or three envelope system will not be used (except when using e-Procurement system assessed and agreed by the Bank)

Nilaya Mitash
Joint Secretary
Tel: 23000387
Fax: 23004453
E-mail: jsm@dea.gov.in



भारत सरकार
वित्त मंत्रालय
आर्थिक कार्य विभाग
पश्चिम ब्लाक, नई दिल्ली 110001
Government of India
Ministry of Finance
Department of Economic Affairs
North Block, New Delhi - 110001
No.01/03/2010-FB.II
42nd April, 2013
03rd May,

Dear Sirs,

With regards to the Track C changes in procurement procedure relating to World Bank Projects, DEA has concurred with the changes as listed in the Annexure. The changes in NCB conditions have been approved for experimentation for a period of one year to see their impact and evolve future course of action.

2. In addition to these changes, DEA requests the following:

- a) That all Bank procurements should move to e-procurement platforms by March 2014. Also, e-procurement should become the preferred method for procurement for all new projects.
- b) Bank should also actively consider the following:-
 - (i) Revising thresholds for various procurement methods (shopping and NCB)
 - (ii) Revising thresholds for prior review based on assessment of procurement capacities of each project authority (as per a well thought out framework).
 - (iii) Capacity building of all implementing agencies to go hand in hand with these changes (based on a well designed capacity building plan).

With regards,

Yours sincerely,

(Nilaya Mitash)

Mr. Omno Ruhl
Country Director
World Bank (India)
70, Lodhi Estate
New Delhi-110003



Procurementmanager - <procurementmanager@bmsce.ac.in>

Fwd: Amendment to the procurement guidelines regarding the Value Thresholds and Review Arrangements - reg.

Viceprincipal - <viceprincipal@bmsce.ac.in>

Wed, Jul 2, 2014 at 10:07 AM

To: tg10@bmsce.ac.in

Cc: Teqipii <teqipii@bmsce.ac.in>

With best wishes...

Dr. G. N. SEKHAR, PhD

Vice Principal

BMS College of Engineering,
Bangalore - 560 019.

Phone/Fax: +91 080 26603963

Mobile: +91 98451 84215

----- Forwarded message -----

From: **spfu karnataka** <spfukarnataka@gmail.com>

Date: Tue, Jul 1, 2014 at 4:59 PM

Subject: Fwd: Amendment to the procurement guidelines regarding the Value Thresholds and Review Arrangements - reg.

To: "UVCE, Bangalore" <venugopalkr@gmail.com>, bmrucce@yahoo.co.in, thrivenijgowda@yahoo.co.in, raja_kb@yahoo.com, BMS Bangalore <drkmbabu@gmail.com>, drkmbabu@bmsce.ac.in, BMS Bangalore <viceprincipal@bmsce.ac.in>, BMS Bangalore <ravi.mech@bmsce.ac.in>, BMS Bangalore <ravibmsce@yahoo.com>, "Dharmaprakash M.S" <msdharmaprakash@gmail.com>, msd.chem@bmsce.ac.in, MCE Hassan <ksj@mcehassan.ac.in>, MCE Hassan <kguru.hsn@gmail.com>, nsj@mcehassan.ac.in, NIE Mysore <principal@nie.ac.in>, NIE Mysore <principalnie@yahoo.com>, NIE Mysore <hdphanee@yahoo.com>, The National Institute of Engineering Mysore <nie.teqip.mysore@gmail.com>, kumar_nie@yahoo.co.in, principal <principal@sjce.ac.in>, ssr_sjce@yahoo.co.in, Prasad Sundarraj <prasad_s_k@hotmail.com>, manoj_kumar_b@hotmail.com, SIT Tumkur <director@sit.ac.in>, SIT Tumkur <mnc_sit@hotmail.com>, dineshsv2004@yahoo.com, principal@sit.ac.in, SIT Tumkur <sksittum@yahoo.com>, SSIT Tumkur <kak10746@rediffmail.com>, SSIT Tumkur <a.mehatha@gmail.com>, crtmtk@gmail.com, NMAMIT nitte <principal_nmamit@nitte.edu.in>, NMAMIT nitte <mith9999@yahoo.com>, yogeeshhegde@yahoo.com, SDM Dharwad <principal@sdmcet.ac.in>, SDM Dharwad <dr.s.m.kumar@gmail.com>, SDM Dharwad <maahesh.patil@gmail.com>, rajashekar patil <eashan123@gmail.com>, principal@pes.edu, Shreekanth Prabhu <shreekanthprabhu@pes.edu>, sspatil@pes.edu, RVCE Bangalore <principal@rvce.edu.in>, RVCE Bangalore <satya@rvce.edu.in>, "Prof. KNR" <rajaraokn@rvce.edu.in>, satya.s@rvce.edu.in, PDA Gulbarga <principal@pdaengg.com>, PDA Gulbarga <mgadge_100@rediffmail.com>, geeke_purohit@rediffmail.com, principal@msrit.edu, sy_kul@yahoo.com, viceprincipal@msrit.edu, "MSRIT, Bangalore" <hod_im@msrit.edu>, "MSRIT, Bangalore" <nvrnaidu@gmail.com>, yagprash@hotmail.com, becprincipal@yahoo.com, BEC Bagalkot <becteqipco@gmail.com>, vinod526@yahoo.co.in, "Dr.AIT, Bangalore" <swamy_vtu@yahoo.com>, CHANDRASAGAR LC <lcsteqipait@gmail.com>, siddaraju_b@yahoo.co.in, "Dr.AIT, Bangalore" <jramgv@yahoo.com>, Shashidhar Ramatal <principalgsksjti@gmail.com>, Basavaraju T G <tg.braju@gmail.com>, thirumalai ananthakrishnan <ankrithi@gmail.com>, BVB Hubli <ashokshettar@bvb.edu>, BVB Hubli <tqcoord@bvb.edu>, bldesai@bvb.edu, tqnodproc@bvb.edu, PES Mandya <venusridhar@yahoo.com>, Ravindra HV <mailhoвера@yahoo.com>, slap_pesce@yahoo.com, NMIT Bangalore <principal@nmit.ac.in>, Ranganatha setty <karsetty@hotmail.com>, hmrgama@india.com
Cc: "raghu.spfu" <raghu.spfu@hotmail.com>, Talwar <hutamawar@yahoo.co.in>

----- Forwarded message -----

From: **NPIU** <teqip.npiu@gmail.com>

Date: Tue, Jul 1, 2014 at 3:08 PM

Subject: Amendment to the procurement guidelines regarding the Value Thresholds and Review

Sir,

As you are aware, the project entities (i.e. Project Institutions (PIs), State Project Facilitation Units (SPFUs) & National Project Implementation Unit (NPIU)) are required to process all the procurement activities of TEQIP-II through Procurement Management Support System (PMSS).

2. Recently, NPIU had received a communication from the World Bank regarding the applicable New Procurement Business Model (NBM) for the project (attached as Annex A).

3. Under the NBM, all the thresholds for various selection methods applicable for the project stands revised as under:

Category	Value per contract (Earlier)*	Value per contract (New)*	Procurement Method	Review
Goods				
	Nil	>= Rs 50,000,000 <= Rs 150,000,000	National Competitive Bidding (NCB)	Prior
	> Rs 1,000,000 <= Rs 15,000,000	< Rs 50,000,000	National Competitive Bidding (NCB)	Post
	<= Rs 1,000,000	<= Rs 2,500,000	Shopping	Post
	Proprietary Equipment > Rs 1,000,000	Proprietary Equipment > Rs 2,500,000	Direct Contracting	Prior
	Proprietary Equipment <= Rs 1,000,000	Proprietary Equipment <= Rs 2,500,000	Direct Contracting	Post
Furniture	<= Rs 1,000,000	<= Rs 2,500,000	Shopping	Post
Books & Learning Resources	> Rs 1,000,000	> Rs 2,500,000	Direct Contracting / Shopping	Prior
	<= Rs 1,000,000	<= Rs 2,500,000	Direct Contracting / Shopping	Post

Minor Items	<= Rs 25,000	<= Rs 50,000	Direct Contracting	Post
Works	> Rs 1,500,000	>= Rs 250,000,000 <= Rs 500,000,000	National Competitive Bidding (NCB)	Prior
	> Rs 1,500,000	< Rs 250,000,000	National Competitive Bidding (NCB)	Post
	<= Rs 1,500,000	<= Rs 2,500,000	Shopping	Post
	<= Rs 50,000	<= Rs 50,000	Direct Contracting	Post
Services	> Rs 1,000,000	> Rs 50,000,000	Quality and Cost Based Selection (QCBS)/ Fixed Budget Selection (FBS)/ Least Cost Selection	Prior
	> Rs 5,000,000 <= Rs 1,000,000	> Rs 5,000,000 <= Rs 50,000,000	Quality and Cost Based Selection (QCBS)/ Fixed Budget Selection (FBS)/ Least Cost Selection	Post
	<= Rs 5,000,000	<= Rs 10,000,000	Least Cost Selection (LCS)/ Consultant's Qualification Based Selection (CQS)/ Fixed Budget Selection (FBS)	Post
	> Rs 100,000	> Rs 500,000	Single Source Selection (SSS)	Prior
	<= Rs 100,000	<= Rs 500,000	Single Source Selection (SSS)	Post
	Nil	> Rs 5,000,000	Individual Consultant Selection (ICC)	Prior
	Nil	<= Rs 5,000,000	Individual Consultant Selection (ICC)	Post

4. Additionally, the Bank also discontinued ex-ante review and no objection by the World Bank of the following related to post review contracts:

- a. rebidding
- b. extensions of bid validity periods
- c. amendments to Goods/ Works/ Consultancy Contracts (unless the resulting contract amounts after amendment exceeds agreed Prior Review Threshold)
- d. very small contracts (below USD 10,000)
- e. Individual consultants contracts (below USD 10,000) selected on sole source basis with the exception of critical assignments

5. Accordingly, the PMSS software would be updated soon as per these new thresholds. All the above changes are now applicable in the project.

6. All the project institutions are requested to make necessary changes in their procurement plans, if required.

With regards,

Yours faithfully,

Prof A U Digraskar

Central Project Advisor

National Project Implementation Unit (NPIU)

EDCIL House, 4th Floor, Plot No. 18-A , Sector 16-A

NOIDA-201 301, Uttar Pradesh

Phone: 0120-2513928, Mobile: 9910493290

EPABX No. 0120-2513921, 2513946

Fax Nos. 0120-2513926, 2512485

Email : npiuwb@hotmail.com

Web : www.npiu.nic.in

Encl: As above

—
Sharan .C. Padashetty

Officer on Special Duty,
State Project Coordinator,
SPFU Karnataka,
Technical Education Quality Improvement Programme (TEQIP),

(A World Bank Assisted Project)

Directorate of Technical Education,
Bangalore 560 001



NBM.pdf
1459K

o/s *Nilaya*

Annexure to D.O letter No. 01/03/2010-FB II dated 17th April 2013

Following are Specific Changes in NCB Conditions approved by DEA as an experiment for one year: -

1. Discontinuing ex-ante review of a number of transactions as follows:
 - Discontinue prior review of rebidding decisions with respect to post review contracts (presently required by NCB conditions for India).
 - Discontinue prior review of extensions of bid validity periods with respect to post review contracts (presently Required by NCB conditions for India)
 - Discontinue prior review of amendments to Goods/ Works/Consultancy contracts that are subject to post review (unless the resulting contract amount exceeds agreed prior review threshold)
 - Discontinue prior review of very small consulting contracts and individual consultants contracts selected on sole source basis with the exception of critical assignments (to be identified in Procurement Plan)
2. Changes in bidding conditions of NCB:

Current Condition	DEA approved Modification
(i) Invitations to bid shall be advertised in at least one widely circulated national daily newspaper, at least 30 days prior to the deadline for the submission of bids;	Invitations to bid shall be advertised in at least one widely circulated national daily newspaper or on a widely used website or electronic portal with free national and international access along with an abridged version of the said advertisement being published in a widely circulated national daily newspaper inter-alia giving the website/electronic portal details from which the details of the invitations to bid can be downloaded, at least 30 days prior to the deadline for the submission of bids;
(ii) Extension of bid validity shall not be allowed without the prior concurrence of the Bank (i) for the first request for extension if it is longer than 3 weeks; and (ii) for all subsequent requests for extension irrespective of the period (such concurrence will be considered by Bank only in cases of Force Majeure and circumstances beyond the control of the Purchaser / Employer);	Extension of bid validity shall not be allowed with respect to Contracts subject to Bank Prior Review, without the prior concurrence of the Bank (i) for the first request for extension if it is longer than 4 weeks; and (ii) for all subsequent requests for extension irrespective of the period (such concurrence will be considered by Bank only in cases of Force Majeure and circumstances beyond the control of the Purchaser/Employer);
(iii) Re-bidding shall not be carried out without the prior concurrence of the Bank. The system of rejecting bids outside a pre-determined margin or "bracket" of prices shall not be used in the project;	Re-bidding shall not be carried out with respect to contracts subject to Bank Prior review, without the prior concurrence of the Bank. The system of rejecting bids outside a pre-determined margin or "bracket" of prices shall not be used in any contract under the project;

Nilaya Mitash
(Nilaya Mitash)

Joint Secretary (MI)

20. Fiscal incentive to UG Projects

The TEQIP Co-ordinator-I brought to the notice of the members that a few faculty members are seeking for increasing the maximum limit for fiscal incentive being awarded to UG students for their research project from Rs.10,000/- per team to Rs.20,000/-. The committee accorded approval for the award of Rs.20,000/-[maximum] as fiscal incentive to UG students for their Research project for each batch with due recommendation of the committee & HOD for the students starting from the academic year 2013-14.

21. Review of activities of Centre of Excellence on Advanced Materials

(a) New M.Tech. Program entitled 'Manufacturing Science & Engineering'

Dr. M. Ramachandra, Principal Coordinator of the COE, informed the committee that admissions to the said program for the academic year 2014-15 are in progress.

(b) Review of the activities of the COE organised by NPIU

The committee took a note about the presentation made by the members of the COE on 'progress in the activities of COE' before the Review Committee as per the NPIU instructions. The committee also took a note of the NPIU's communication on the observations of the review committee and the action plan submitted by the college in this regard [Annexure-16].

(c) Status of procurement under the COE in Advanced Materials Research

The committee took a note of the following status of procurement under COE and also noted the change in the mode of procurement from LIB to NCB in case of XRD Equipment and Scanning Electron Microscope as per the instructions of SPFU & NPIU and approved the same.

Item	Estimated Cost (Rs.)	Approved Mode of Procurement	Status
Abrasive Water Jet Cutting Machine	89,51,570/-	NCB	Purchase Orders issued and VTU Customs Duty Exemption Certificates have been secured. Delivery and Installation of equipment is expected to complete during September.
Dual Sputtering Equipment	17,87,345/-	NCB	
FTIR Spectroscopy Equipment	9,75,000/-	NCB	
Precision Impedance Analyser	12,42,637/-	NCB	
XRD Equipment	70,00,000/-	NCB	SPFU and NPIU have advised to process the procurement through NCB and NCB process has been initiated
Scanning Electron Microscope	1,00,00,000/-	NCB	



BMS COLLEGE OF ENGINEERING, BENGALURU-19

(Autonomous College under VTU)

EXTRACT OF THE MINUTES OF THE 56TH MEETING OF THE BOARD OF GOVERNORS HELD ON 22ND SEPTEMBER 2014

8.1 MINUTES OF THE MEETING OF THE SUB-COMMITTEE OF BOG OF TEQIP PHASE-II AND THE REPORT ON THE ACTIVITIES OF TEQIP PHASE II

The Vice-Principal presented a brief report on various activities of TEQIP Phase II and component wise details of expenditure incurred under the Project. Prof. D.Thukaram, Chairman of the BOG Sub Committee for TEQIP Phase II informed that in addition to the above said meetings, a good number of meetings have been conducted for the period from the previous BOG meeting and appreciable progress has been achieved by the Institution under TEQIP Phase II (minutes enclosed at *Annexure-X*).

After deliberations, the BOG ratified the minutes of the tenth & eleventh meetings of the subcommittee of BOG of TEQIP Phase-II held on 26.05.2014 and 10.09.2014.

Sd/-
MEMBER-SECRETARY

PMSS Procurement Management Support System

Dashboard | Procurement | PMSS - MIS | Request/Queries

User: pcbmsceb(Institution Procurement Coordinator - BMS College)

Procurement

- Plan
 - Prepare/Revise
 - Old Plans
- Process
 - Initiate
 - In Progress
 - Completed
 - Cancelled

Package : BM/COE/XRD/5RR(TEQIP-II)

Package Code : TEC
Package Name : BM
Category :
Estimated Cost :
Initiation Date : 03

Status Information - Windows Internet Explorer

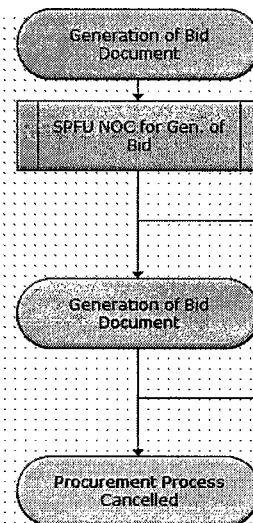
http://www.teqip-pmss.com/PMSSLIVE/Source/Workflow/WorkflowInfo.aspx?MasterTagID=1887&ParentTagID=0&WebFormID=6067&PrimaryK...

Status Information

Started: 17-Jul-2014
Originator: Dr M S Dharmaprakash
Current Stage: Procurement Process Cancelled

Last Run: 04-Sep-2014
Last Actor: Dr M S Dharmaprakash
Approvers: N/A

Status Summary



Time: 28-Jul-2014
Actor: Shri M Raghunath
Action: Revise and Re-Submit
Comments: You were requested over te

Time: 04-Sep-2014
Actor: Dr M S Dharmaprakash
Action: Cancel Procurement Process
Comments: The procurement process h

You were requested over telephone to submit supporting documents related to PMSS Package No. TEQIP-II/KA/KA2G04/196 as detailed below.

(I) Could not the procurement be done through National Competitive Bidding (NCB) as many international are operating in India

(II) Justification for procurement under Limited International Bidding (ILB) instead of International Competitive Bidding (ICB) as many companies seem to be manufacturing similar kind of equipment.

(III) List short listed OEMs/vendors from a

Technical education quality improvement Programme (TEQIP) PHASE-II

Logout

Status Info

(Mandatory)

Current Stage : Procurement Process Cancelled

CTOMETER
OF in

Done

Internet | Protected Mode: On

100%

Internet | Protected Mode: On

100%

NATIONAL COMPETITIVE BIDDING FOR
THE SUPPLY OF BM/COE/Scanning Electron Microscope/IRRR

SECTION I. INVITATION FOR BIDS (IFB)

Date : 22.09.2014

Credit No. : Cr. 4685-0 IN

IFB No. : TEQIP-II/KA/KA2G04/216

1. The Government of India has received a Credit (Cr. 4685-0 IN) from the International Development Association in various currencies towards the cost of project Technical Education Quality Improvement Programme[TEQIP]-Phase II (TEQIP II) and it is intended that part of the proceeds of this credit will be applied to eligible payments under the contracts for which this Invitation for Bids is issued.
2. The **The Principal, BMS College of Engineering, Bangalore** now invites sealed bids from eligible bidders for supply of **BM/COE/Scanning Electron Microscope/IRRR** listed below:

Sr. No	Item Name	Quantity
1	Scanning Electron Microscope	1

3. Interested eligible Bidders may obtain further information from and inspect the bidding documents at the office of the **TEQIP Office, BMS College of Engineering, 6th Floor, B S Narayan Block, Bull Temple Road, Bangalore 560019, Karnataka India.**
4. A complete set of bidding documents may be purchased by any interested eligible bidder on the submission of a written application to the above office and upon payment of a non-refundable fee as indicated below in the form of a Demand Draft in favour of **The Principal, BMS College of Engineering**, payable at **Bangalore**. An interested bidder may also download the bid document from the college website, however, needs to submit a letter of request along with the Demand Draft towards non-refundable fee of the bid document, 24 hours prior to the pre-bid meeting seeking the consent of the college authorities for permitting the authorized person/s of the said firm/agency to participate in the pre-bid meeting.
5. The provisions in the Instructions to Bidders and in the General Conditions of contract (GCC) are based on the provisions of the World Bank Standard Bidding Document - Procurement of Goods.
6. The bidding document may be obtained from the office of **TEQIP Office, BMS College of Engineering, 6th Floor, B S Narayan Block, Bull Temple Road, Bangalore 560019, Karnataka** during office hours namely, from 10:00 hrs to 17:00 hrs, on all working days either in person or by post.

- (a) Price of bidding document (non-refundable) : ₹ 2000
- (b) Postal charges, inland : ₹ 500
- (c) Postal charges, overseas : ₹ NA
- (d) Date of commencement of sale of bidding document : Date 22.09.2014 TIME: 10:00 Hrs
- (e) Last date for sale of bidding document : Date 28.10.2014 TIME: 10:00 Hrs
- (f) Last date and time for receipt of bids : Date 28.10.2014 Time 10:00 Hours
- (g) Time and date of : Date 28.10.2014 Time 10:30 Hours

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME. PHASE-II

TWELTH MEETING | 27.10.2014 | SUB-COMMITTEE OF BOG | MINUTES

4 (b) Review of Procurement Plan under the COE in Advanced Materials Research TEQIP-II (Component 1.2.1)

The TEQIP Co-ordinator-I informed the committee that the outlay for the proposed procurement plan under COE is for Rs.321 Lakhs as against the permissible limit for procurement under Centre of Excellence (COE) of Rs.275 Lakhs as per NPIU norms. He also reminded the members about the BOG's consent to provide additional funds up to Rs.30 Lakhs from management for the said purpose, in its 54th meeting held on 13.1.14.

The committee informed to meet the expenditure for the following items out of Rs. 30 Lakhs to be extended by the Management and to seek BOG's approval for the necessary additional fund to the extent of Rs.13 Lakhs in addition to Rs.30 Lakhs already accorded.

Sl No	Item	Estimated Cost /Order Value (Rs.)	Approved Mode of Procurement	Status
1	FTIR Spectroscopy Equipment	9,75,000/-	NCB	Purchase Order released and waiting for delivery
2	Precision Impedance Analyser	12,42,637/-	NCB	
3	Conductivity Measurement Test	8,00,000/-	Shopping	Invitation for Quotation under process
4	Miscellaneous items	2,80,500/-	Shopping	
5	UV/VIS Spectro-Photometer	6,75,000/-	Shopping	
6	Workstations	4,00,000/-	Shopping	
	TOTAL	43,73,137/-		

The committee accorded approval to initiate procurement of XRD Equipment in PMSS at the estimated value of Rs.70,00,000/-

At this point of time, Dr.P.Dayanand Pai, Chairman-BOG arrived and greeted the members. The Chairman of the BOG sub-committee briefed him about the activities of TEQIP and COE and requested for sanction of grants of Rs.13 Lakhs in addition to the Rs.30 Lakhs already approved by the BOG for execution of the procurement plan of COE. The Chairman-BOG expressed satisfaction and consented to take up the matter in the next BOG.

5. Information on International Travel by NPIU

The committee took a note of the information received from NPIU/SPFU and also perused the applications submitted by Sri. Gururaj, Assistant Professor. Department of



BMS COLLEGE OF ENGINEERING, BENGALURU-19
(Autonomous College under VTU)

**EXTRACT OF THE MINUTES OF THE 57TH MEETING OF THE BOARD OF
GOVERNORS HELD ON 20TH NOVEMBER 2014**

**5.2 MINUTES OF THE MEETINGS OF THE SUB-COMMITTEE OF BOG OF
TEQIP PHASE-II AND THE REPORT ON THE ACTIVITIES OF TEQIP
PHASE II**

The Vice-Principal and the TEQIP Coordinator-I presented a brief report on activities of TEQIP Phase II along with component wise details of expenditure incurred under the Project. The minutes of the 12th & 13th meetings of the sub-committee of BOG of TEQIP Phase II were ratified and approved (minutes of the meetings are enclosed at *Annexure-VII*).

The BOG ratified and approved extending financial assistance of 390 USD to Dr. M. Indiramma, Professor of CSE towards registration fee for the World Engineering Education Forum Conference 2014, scheduled to be held during December 2014 in Dubai, in line with the earlier decision in this regard.

The BOG ratified the selection of Ms. Diptoshi Roy and Ms. G. Padmavathi as Research Assistants to the Center of Excellence in Advanced Materials Research [component 1.2.1 of TEQIP II] on a Research Assistantship of Rs.16,000/- per month with permissible HRA as per the norms of the state government.

The BOG approved and ratified the decision of the subcommittee of BOG to engage the services of Dr. Shailendra Rao Nalige, COO, EHE Innovations Pvt. Ltd and Dr. Manish Arora, Open Medical Devices, Bangalore for providing guidance to the R & D activities of the department of Medical Electronics under TEQIP II as per the norms.

The BOG also ratified and approved the permission granted by the Sub-committee of BOG to various faculty members & students for attending conferences/training programs with financial assistance & OOD as listed in *Annexure-VIII*.

The Vice principal informed the BOG that the second Performance & Data Audit of TEQIP Phase-II by Performance Auditor, Dr. A. Subhash Babu, Professor, IITB and Data Auditor Prof.B,M.Rudresh, Assistant Professor, Government Engineering College, K.R. Pet is scheduled to be held from 25th to 27th November 2014.

Sd/-
MEMBER-SECRETARY

PMSS Procurement Management Support System

TEQIP Technical education quality improvement Programme (TEQIP) PHASE-II

User: pcbmsceb (Institution Procurement Coordinator - BM5 College of Engineering, Bangalore)

- Procurement
 - Plan
 - Prepare/Revise
 - Old Plans
 - Process
 - Initiate
 - In Progress
 - Completed
 - Canceled

Procurement > Plan > Prepare/Revise Plan

Submit Revision for Approval

(Mandatory)

Title: Procurement Plan (From 01 Apr 2011 to 15 Nov 2014)

Sub Component 1.2

Revision# 37

Goods/ Works

Message from webpage

Procurement plan can not be submitted as total estimated cost for Goods (83728247.00) is more than allocated budget for Goods (Rs.87566000.00).

OK

224	...I/KA/KA2G04/224	BM/CF/G/S - 3	Contract	680,000.00		Define Int. Timelines	f
223	...I/KA/KA2G04/223	BM/CF/G/S - 3	Contract	420,000.00		Define Int. Timelines	f
217	...I/KA/KA2G04/217	BM/CF/G/S - 3	Contract	4,600,000.00		Define Int. Timelines	f
206	...I/KA/KA2G04/206	BM/CF/G/S - 3	Contract	0.00		Define Int. Timelines	f
49	...II/KA/KA2G04/49	BM/CF/G/S - 3	Contract	7,900,000.00	7,837,969.00	Define Int. Timelines	f
227	...I/KA/KA2G04/227	BM/ET/G/S - 3	Contract	280,000.00		Define Int. Timelines	f
226	...I/KA/KA2G04/226	BM/ET/G/S - Electrophoresis & Transfer system	Direct Contract	115,000.00		Define Int. Timelines	f
29	...II/KA/KA2G04/29	BM/ET/G/S - Liquid Nitrogen Gas	Shopping	64,000.00	55,491.00	Define Int. Timelines	f
28	...II/KA/KA2G04/28	BM/ET/G/S - Anaerobic Jar	Shopping	50,000.00	34,155.00	Define Int. Timelines	f
27	...II/KA/KA2G04/27	BM/ET/G/S - Equipment-IR & C&D	NCB	1,800,000.00	2,445,000.00	Define Int. Timelines	f

PMSS Procurement Management Support System TEQIP Technical education quality improvement Programme (TEQIP) PHASE-II

User: pcbmsceb(Institution Procurement Coordinator - BMS College of Engineering, Bangal

Request/Queries > Request

To see comments on your 'Request/Queries' click on 'Discussion Thread' link. Please change the status to

Request Type: Technical
Subject: "Add item" option nor visible in p
Description: Sir,
While trying to add an package
cancelled package, we could not
Status: Resolved

Attachments

Enter Description

Sir,
While trying to add an package in place of
cancelled package, we could not create packages
as "Add" option does come/available for us to
proceed further.
Please do the needful.

Procurement Nodal Officer
BMS College of Engineering, Bangalore

Ok Cancel

http://www.teqip-pmss.co Internet | Protected Mode: On

.. Mandatory

Total Records :0

PMSS Procurement Management Support System

TEQIP Technical education quality improvement Programme (TEQIP) PHASE-II

User: pcbmsceb(Institution Pro)

Request/Queries > Request

To see comments on your Request

Attachments

106

Enter Description

Sirs,

[1] Ref. to the finalisation of Final revised Procurement plan, we have made the final revision and the total plan estimated value is Rs.874.95 Lakhs against our allocated budget of Rs.875 Lakhs. But the sum up total of our current plan is shown as Rs.901.5 Lakhs as against the actual Rs.874.95 Lakhs. So we are not permitted to submit the plan for Director approval (screen shot sent by email to you)

[2] Further the actual PO values of Pacakges 214,215,216 & 217 is less by Rs.32 Lakhs than the total estimated value of the four packages and this surplus amount is considered by PMSS only after payment. These packages are in the final process of placing the purchase orders.

Please clarify the above immediately as we have been asked to submit the final revised procurement plan before 15/11/2014.

with thanks

Procurement Nodal Officer
BMS College of Engineering,
Bangalore 19

Ok

Cancel

http://www.teqip-pmss.co Internet | Protected Mode: On

Discussion Thread

(. Mandatory)

Request ID : 4239 Subject : Total Estimated cost Sum-up clarification

User Name pcbmsceb

Date 07/07/2015 2:33:14 PM

Comments

Admin 11/14/2014 5:58:39 PM

Dear Sir / Madam,
It has been observed there are certain packages which are getting summed up under total amount. These packages need to be deleted from your side and then you can add new package.

Since there is a validation on the amount which check whether the given budget is exceed or not.

Regards,
PMSS HelpDesk.

Done Internet | Protected Mode: On 100%

PMSS Procurement Management Support System

TEQIP Technical education quality improvement Programme (TEQIP) PHAS

User: pcbmsceb(Institution Procurement Coordinator - BMS College of Engineering, Bangalore)

Request/Queries > Request

To see comments on your 'Request/Queries' click on 'Discussion Thread' link. Please change the status to 'Close' if you are satisfied with

Request Type Technical

Subject Budget value & estimated cost

Description Subject: Non-acceptance Estimated Cost of our PMSS Package code: TEQIP-II/KA/KA2G04/220 [Package Name: BM/COE/XRD/5RRR] for procurement of X-Ray Generator with software and

Status Resolved

Attachments

Discussion Thread - Windows Internet Explorer

http://www.teqip-pmss.com/PMSSLIVE/Source/PMSS_HD/HD_Discussion.aspx?MessageID=443&RequestID=4486&PKToken=MUCYQwtZ2qsXbZr

(* Mandatory)

Discussion Thread

Request ID : 4486

Subject : Budget value & estimated cost

User Name pcbmsceb

Date 23/02/2015 2:30:25 PM

Comments

User Name		Comment	Total Record
Admin	2/18/2015 4:01:09 PM	Dear Sir, Your issue has been resolved. You are requested to please check and Confirm. If any issues comes please let us know. Thanks and Regards, PMSS Helpdesk	1
pcbmsceb	1/10/2015 10:44:18 AM	Sir,	

Total Record

NATIONAL COMPETITIVE BIDDING FOR
THE SUPPLY OF BM/COE/XRD/5RRR

SECTION I. INVITATION FOR BIDS (IFB)

Date : 10.03.2015

Credit No. : Cr. 4685-0 IN

IFB No. : TEQIP-II/KA/KA2G04/220

1. The Government of India has received a Credit (Cr. 4685-0 IN) from the International Development Association in various currencies towards the cost of project Technical Education Quality Improvement Programme [TEQIP]-Phase II (TEQIP II) and it is intended that part of the proceeds of this credit will be applied to eligible payments under the contracts for which this Invitation for Bids is issued.
2. **The Principal, BMS College of Engineering, Bangalore** now invites sealed bids from eligible bidders for supply of **BM/COE/XRD/5** listed below:

Sr. No	Item Name	Quantity
1	X-Ray Diffractometer (XRD) System / Equipment	1

3. Interested eligible Bidders may obtain further information from and inspect the bidding documents at the office of the **TEQIP, BMS College of Engineering, 6th Floor, B S Narayan Block, Bull Temple Road, Bangalore 560019, Karnataka, India.**
4. A complete set of bidding documents may be purchased by any interested eligible bidder on the submission of a written application to the above office and upon payment of a non-refundable fee as indicated below in the form of a Demand Draft in favour of **The Principal BMS College of Engineering**, payable at **Bangalore**. An interested bidder may also download the bid document as well as addendum/corrigendum from the college website, however, needs to submit the non-refundable cost of the bid along with the bid and bid security.
5. The provisions in the Instructions to Bidders and in the General Conditions of contract (GCC) are based on the provisions of the World Bank Standard Bidding Document - Procurement of Goods.
6. The bidding document may be obtained from the office of **BMS College of Engineering, Bangalore** during office hours namely, from **10:00 hrs to 17:00 hrs**, on all working days either in person or by post.
 - (a) Price of bidding document : ₹ 2000/-
(non-refundable)
 - (b) Postal charges, inland : ₹ 500/-
 - (c) Postal charges, overseas : NA
 - (d) Date of commencement of sale of bidding document : 10.03.2015 10:00 Hours
 - (e) Last date for sale of Bidding document : 08.04.2015 12:00 Hours
 - (f) Last date and time for Receipt of bids : 08.04.2015 14:00 Hours
 - (g) Time and date of Opening of bids : 08.04.2015 14:00 Hours
 - (h) Time and date of Pre-bid meeting : 23.03.2015 11:00 Hours



BMS COLLEGE OF ENGINEERING, BANGALORE
 Technical Education Quality Improvement Programme-II (TEQIP-II)
 Centre of Excellence

BID OPENING MEETING held on 08-04-2015 at 2:00pm Venue: TEQIP Conference Hall, BMSCE
Ref: BID REFERENCE NO: TEQIP-II/KA/KA2G04/220 Item: X-Ray Diffractometer System/ Equipment (XRD)

BID OPENING FORM

Question	Spectris Technologies Pvt Ltd	IR Technology Services Pvt Ltd
Is Bid received?	Yes	Yes
Is Bid withdrawn?	NO	NO
Is Bid modified?	NO	NO
Is Bid duly signed?	Yes	Yes
Bid Number	IN1311042001-0	BNG/IND/6794
Bid date	06-04-15	06-04-15
Validity of Bid	91 days	135 days
Validity of Bid Security	135+ days	135 + days
Is Bid security as specified?	Yes DD: 185717 dt 6-4-15 The Hongkong & Shanghai Banking Corpn Ltd	Yes DD: 798272 dt 8-4-15 Canara Bank
Is the cost of Bid document attached?	Yes DD: 185717 dt 6-4-15 The Hongkong & Shanghai Bank Corpn Ltd	Yes DD: 798272 dt 8-4-15 Canara Bank
Unconditional Discount, if any (%)	NO	NO
Read out price without taxes	Rs 78,12,119-00	Rs 68,34,250-00

M. Chandray
12-04-15

Chandray



BMS COLLEGE OF ENGINEERING, BANGALORE
Technical Education Quality Improvement Programme-II (TEQIP-II)
Centre of Excellence

BID OPENING MEETING held on 08-04-2015 at 2:00pm

Venue: TEQIP Conference Hall, BMSCE

Ref: BID REFERENCE NO: TEQIP-II/KA/KA2G04/220

Item: X-Ray Diffractometer System/ Equipment (XRD)

Sl.	Name of the Member & Role	Designation	Signature
1	Dr. K. Mallikharjuna Babu, Chairman	Principal, BMSCE	
2	Dr Martin Jebaraj, Member	Director – R & D, BMSCE	
3	Dr L Ravikumar, Member	TEQIP Coordinator II	
4	Dr.M.S.Dharmaprakash, Member	TEQIP Nodal Officer - Procurement	
5	Dr K R Suresh, Member	TEQIP Nodal Officer – Finance	
6	Dr. M Ramachandra, Proposer & Member Convenor	Coordinator – COE	
7	Dr. Chandasree Das PI, CoE	PI, CoE	
8	Dr. S. SRINIVAS PI, CoE	PI CoE ASSTANT PRINCIPAL	
9	Dr. murugendrappa M.V.	P.I. COE	



BMS COLLEGE OF ENGINEERING, BANGALORE
 Technical Education Quality Improvement Programme-II (TEQIP-II)
 Centre of Excellence

Bid Evaluation Meeting of Procurement Committee held on 23-04-2015 at 2:30 PM Venue: TEQIP Conference Hall, BMSCE
Ref: BID REFERENCE NO: TEQIP-II/KA/KA2G04/220 Item: X-Ray Diffractometer System/ Equipment (XRD)

BID EVALUTION FORM

Question	Spectris Technologies Pvt Ltd	IR Technology Services Pvt Ltd
Is Cross Discount applicable?	NO	NO
Is Technically Responsive?	Yes	NO
Quantity as specified?	Yes	Yes
Delivery Period	120 days	120 days
Is the Place of Delivery as specified?	Yes	Yes
Are the Payment Terms Agreed?	Yes	NO
Is Warranty as Specified?	Yes	Yes
Essential Accessories price included?	Yes	Yes
Optional Spares Accessories included?	Yes	Yes
Is Testing/ Commissioning/ Installation included?	Yes	Yes
Is Training Included?	Yes	Yes
Is there any Price Adjustment?	NO	NO



BMS COLLEGE OF ENGINEERING, BANGALORE
 Technical Education Quality Improvement Programme-II (TEQIP-II)
 Centre of Excellence

Bid Evaluation Meeting of Procurement Committee held on 23-04-2015 at 2:30 PM

Venue: TEQIP Conference Hall, BMSCE

Ref: BID REFERENCE NO: TEQIP-II/KA/KA2G04/220

Item: X-Ray Diffractometer System/ Equipment (XRD)

BID EVALUTION FORM

Question	Spectris Technologies Pvt Ltd	IR Technology Services Pvt Ltd
Reason(s) for Price Adjustment	NA	NA
Evaluated Price	Rs 70,79,424 -00	Rs 63,64,250 -00
Comments	With 5.15% Customs duty without ICDD - PDF2	With 5.5% Customs duty without ICDD - PDF2

Sl.	Name of the Member & Role	Designation	Signature
1	Dr. K. Mallikharjuna Babu, Chairman	Principal, BMSCE	
2	Dr Martin Jebaraj, Member	Director - R & D, BMSCE	
3	Dr L Ravikumar, Member	TEQIP Coordinator II	
4	Dr.M.S.Dharmaprakash, Member	TEQIP Nodal Officer -Procurement	
5	Dr K R Suresh, Member	TEQIP Nodal Officer - Finance	LOA
6	Dr. M Ramachandra, Proposer & Member Convenor	Coordinator - COE	 23/4/15



BMS COLLEGE OF ENGINEERING, BANGALORE
Technical Education Quality Improvement Programme-II (TEQIP-II)

Center of Excellence in Advanced Materials Research

Bid Evaluation and Recommendation for the procurement of X-Ray Diffractometer (XRD)
System / Equipment (Package: BM/COE/XRD/5RRR(TEQIP-II/KA/KA2G04/220)
held on 23rd April 2015 at 02.30 PM in the TEQIP Seminar Hall, BMSCE

Dr. K. Mallikharjuna Babu, Principal & Chairman of the Committee welcomed the Members of *Procurement Committee for Centre of Excellence.*

Sl No	Date	Particulars	Recommendation/Approval
1	10-09-2014	Approval for Procurement	Approved by BOG
2	10-03-2015	PMSS upload	Uploaded digitally generated bid document to SPFU/NPIU
3	10-03-2015	Invitation of Bids	Advertisement published in the National newspapers.
4	23-03-2015	Pre-Bid Meeting	Provided clarification, corrigendum issued
5	08-04-2015	Receipt of Bids	Recording done in the Inward Register
6	08-04-2015	Bid opening & Technical Evaluation	Bid opening meeting held and bids opened. No. of bids received: 02 Bidders: 1. M/s. IR Technology Services Pvt Ltd 2. M/s. Spectris Technologies Pvt Ltd Minutes: Bid Opening & Bid Evaluation Forms filled-in, Prices read out to bidders who were present and evaluation process initiated
7	15-04-2015	Meeting of Technical Expert committee	Review of technical evaluation carried out.
8	20-04-2015	Clarification sought from M/s. IR Technology Services Pvt Ltd	As per Annexure- I
9	22-04-2015	Clarification received by email with brochure consisting of detailed specifications	As per Annexure II
10	22-04-2015	Second Meeting of Technical Expert committee	Second Review of technical evaluation carried out and submitted for recommendations to the expert committee.



BMS COLLEGE OF ENGINEERING, BANGALORE
Technical Education Quality Improvement Programme-II (TEQIP-II)

Observations:

1. The Procurement Committee observed that the two bids received are eligible (Read: submitted the Bid Security and Bid Fees) for further consideration.
2. It is noted by the Technical Evaluation Committee that M/s IR Technology Services Pvt. Ltd., has quoted for RIGAKU -ULTIMA IV MODEL Specifications and do not comply to specs 1 (viii), 2 (x, xiii), 9 of the bid document hence become technically non-responsive. Further it is noted that M/s IR Technology Services Pvt. Ltd., has not quoted for the preferred item 4(ii).
3. The Technical Evaluation Committee further noted that M/s Spectris Technologies Pvt. Ltd., has submitted their bid for X'PERT3 POWDER MODEL and all the specifications are met with those of the Bid document and hence technically responsive.
4. The Procurement Committee noted that the bid submitted by M/s. Spectris Technologies Pvt. Ltd. is technically responsive and the bid submitted by M/s. IR Technology Services Pvt. Ltd., is technically non-responsive.
5. The Procurement Committee observed M/s. IR Technology Services Pvt. Ltd., has not complied with the payment terms stipulated in the bid document. The quoted payment terms of 90% on delivery and balance on installation & acceptance is not in compliance with stipulated payment terms of 80% on delivery, installation, commissioning and test run and balance on training completion and final acceptance. M/s IR Technology Services Pvt. Ltd., also failed to meet the terms specified in the bid document for AMC.
6. The Procurement Committee also observed that the bid submitted by M/s. Spectris Technologies Pvt. Ltd., also complied with the payment terms & conditions as per the Bid document, hence becomes responsive both technically & commercially.
7. The Procurement Committee recommends to procure ICSD data base and not to consider ICDD PDF 2 for procurement.

Recommendation:

1. In view of the above observations & facts the Procurement Committee constituted for Center of Excellence (COE), recommends to place the purchase order with the lone technically & commercially responsive bidder i.e., M/s. Spectris Technologies Pvt. Ltd., Gurgoan-122002 at a cost of Rs. 70,79,424/- (Rupees Seventy lakhs seventy nine thousand four hundred and twenty four only) that includes a concessional 5.15% customs duty against Customs Duty Exemption Certificate with high seas clearance documents for one number of X-Ray Diffractometer (XRD) System / Equipment as per the terms and conditions of the bid document. However, M/s. Spectris Technologies Pvt. Ltd, Gurgaon,

[Signature]

[Signature]

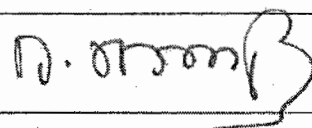
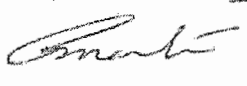
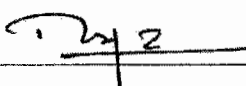
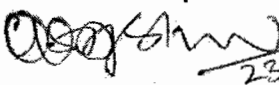
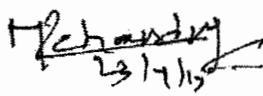


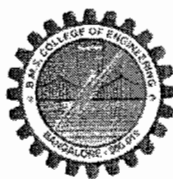
BMS COLLEGE OF ENGINEERING, BANGALORE
Technical Education Quality Improvement Programme-II (TEQIP-II)

shall be asked to provide the receipts for payment of customs duty and the college shall pay the actual custom duty paid by M/s. Spectris Technologies Pvt. Ltd., to them.

2. A letter of credit be issued for the cost of the equipment, after receiving the acceptance of the purchase order and the performance security by M/s. Spectris Technologies Pvt. Ltd.,

The meeting concluded with thanks to the chair.

S l.	Name of the Member & Role	Designation	Signature
1.	Dr. K. Mallikharjuna Babu, Chairman	Principal, BMSCE	
2.	Dr Martin Jebaraj, Member	Director – R & D, BMSCE	
3.	Dr. G. N. Sekhar	Vice Principal - Invitee	G. N. Sekhar 23/4/15
4.	Dr L Ravikumar, Member	TEQIP Coordinator II	
5.	Dr.M.S.Dharmaprakash, Member	TEQIP Nodal Officer – Procurement	 23/4/15
6.	Dr. K R Suresh, Member	TEQIP Nodal Officer- Finance	ON LEAVE OF ABSENCE. (LOA)
7.	Dr C.Shivakumara, External Expert	Principal Research Scientist, IISc, Bangalore	C Shivakumara 23/4/2015
8.	Dr. M Ramachandra, Member- Convenor & Proposer	Coordinator – COE	 23/4/15



BMS COLLEGE OF ENGINEERING

Autonomous College under VTU | Aided by GOK | Approved by AICTE | Accredited by NBA

Phone : +91-80-2662 2130-35
Fax : +91-80-2661 4357
e-mail : principal@bmsce.ac.in
URL : www.bmsce.ac.in

ESTD. 1946

Ref: BMSCE/TEQIP-II/PRM/2014-15

09th May 2015

To
The Central Project Advisor,
National Project Implementation Unit (NPIU)
Ed.CIL House, 4th Floor, Plot No: 18-A, Sector 16-A,
Noida - 201301 UP

Dear Sir,

*Sub: Procurement of X-Ray Diffractometer (XRD) System/ Equipment under
TEQIP-II Center of Excellence in Advanced Materials Research (1.2.1)*

Ref: PMSS NCB Package No: BM/COE/XRD/5RRR (TEQIP-II/KA/KA2G04/220)

With reference to the procurement of X-Ray Diffractometer (XRD) System/Equipment through National Competitive Bidding (NCB), the following is submitted for your kind perusal:

- 1) The process was initiated under the PMSS Package: BM/COE/XRD/5(TEQIP-II/KA/KA2G04/179) by floating a National Competitive Bidding (NCB) on 10.10.13. Two bidders namely M/s. IR Technology Services Pvt Ltd and M/s. Spectris Technologies Pvt Ltd participated in the bidding. The bids were opened as per schedule on 12.11.13 and it was noted that M/s.IR Technology Services Pvt Ltd had quoted for Rigaku Model Ultima IV at a price of Rs.91,05,200/- (read out Price) and M/s. Spectris Technologies Pvt Ltd had quoted for PANalytical Model X'pert³ at a price of Rs.1,00,88,710/-. Both the bids were rejected as the quoted price were substantially higher than the estimated cost of Rs.70,00,000/-.

The Procurement Committee considered the options of Limited International Bidding and International Competitive Bidding for obtaining better competitive bids and requested for guidance of SPFU and NPIU on 28.02.14. The NPIU through a mail dated 03.03.14 suggested the college to complete the procurement only through NCB. The college preferred to complete the process of procurement of other equipment on priority basis and the procurement of XRD was deferred.

- 2) The procurement of X-Ray Diffractometer (XRD) System/Equipment was reconsidered during February 2015 after placing orders for all other equipment under COE. As per the approval of NPIU through PMSS on 23.02.15 the process of rebidding through National Competitive Bidding (NCB) was initiated on 10.03.15.

P.T.O.

The procurement process of PMSS Package: BM/COE/XRD/5RRR (TEQIP-II/KA/KA2G04/220) through NCB resulted in two bids one from M/s.IR Technology Services Pvt Ltd and the other from M/s. Spectris Technologies Pvt Ltd. The bids were opened as per schedule on 08.04.15 and the procurement committee noted that M/s.IR Technology Services Pvt Ltd has quoted for Rigaku Model Ultima IV at a price of Rs.68,34,250/- (read out Price) with concessional Customs duty of 5.50% and M/s. Spectris Technologies Pvt Ltd has quoted for PANalytical Model X'pert³ at price of Rs.78,12,119/- (readout price) with concessional customs duty of 9.36%. The readout price includes optional items.

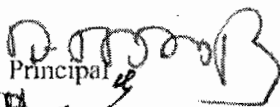
The final bid evaluation meeting of the Procurement Committee held on 23.04.15 concluded with the following recommendations:

- (a) The bid submitted by M/s.IR Technology Services Pvt Ltd is commercially non-responsive as it is not in compliance with payment terms and maintenance requirement stipulated in the bid document. The bid is also technically non-responsive as specification quoted was not in compliance on three parameters namely (a) facility to rotate the tube without disconnecting utilities (b) angular positioning and (c) maximum angular speed of 20 degree as detailed in the bid evaluation report.
- (b) The bid submitted M/s. Spectris Technologies Pvt Ltd is commercially and technically responsive. The Procurement committee recommended to procure the equipment with ICSD data base and not to consider ICDD PDF 2 (optional data base) for procurement. Also the Procurement committee recommends considering the revised concessional customs duty of 5.15% as confirmed by the bidder to arrive at the evaluated price. M/s. Spectris Technologies Pvt Ltd are qualified for award of the contract at the total price of Rs.70,79,424/- (Rupees Seventy lakhs seventy nine thousand four hundred and twenty four only) as per the terms and conditions of the bid document.

Considering the above, we solicit your kind advice on going ahead and placing the Purchase Order with the lone eligible bidder M/s. Spectris Technologies Pvt Ltd.

Thanking you,

Yours faithfully,


Principal

Encl: Copies of Bid Opening Form, Bid Evaluation Form and Bid Evaluation Meeting Minutes.

Copy to: The State Project Coordinator, SPFU-TEQIP, Bangalore

From: **Rajiv Mishra** <rajiv.mishra.teqip@gmail.com>
Date: Fri, Jun 5, 2015 at 10:37 AM
Subject: Fwd: Procurement of XRD System/Equipment
To: hutalawar@yahoo.co.in, hutalawar@yahoo.com, spfukarnataka@gmail.com, mgn_204@yahoo.co.in
Cc: drkmbabu@gmail.com, principal@bmsce.ac.in, viceprincipal@bmsce.ac.in, ravibmsce@yahoo.com, ravi.mech@bmsce.ac.in

----- Forwarded message -----

From: **NPIU** <npiuw@hotmail.com>
Date: Thu, Jun 4, 2015 at 5:54 PM
Subject: Procurement of XRD System/Equipment
To: drkmbabu@gmail.com, principal@bmsce.ac.in, viceprincipal@bmsce.ac.in, ravibmsce@yahoo.com, ravi.mech@bmsce.ac.in
Cc: hutalawar@yahoo.co.in, hutalawar@yahoo.com, spfukarnataka@gmail.com, mgn_204@yahoo.co.in, Tripti Gurha - MHRD - India <triptigurha@rediffmail.com>, Rupali Jha <rupali.jha.teqip@gmail.com>, rajiv.mishra.teqip@gmail.com

5th June, 2015

To: SPFU Karnataka

C/c: BMS College of Engineering, Bangalore

Sir,

1. Refer BMS College of Engineering, Bangalore letter BMSCE/TEQIP-II/PRM/2014-15 dated 09th May 2015.

2. The documents related to procurement of XRD System/Equipment in respect to BMS College of Engineering, Bangalore was vetted and following points were observed :-

(a) Initially, on response of NCB, BMSCE received two bids of namely M/s IR Technology Service Pvt Ltd of Rs. 91,05,200 & M/s Spectris Technology Pvt Ltd of Rs. 1,00,88,710/- for Rigaku Model Ultima IV. Both the bids were rejected by BMSCE as the quoted price were substantially higher than the estimated cost of Rs. 70,00,000/-

(b) Again through NCB, bid were invited by BMSCE through newspaper advertisement and none of the firms responded except **the same above two firm with the revised rates closure to the estimated cost.**

3. In view of the above, it is kindly requested to check/verify the procurement procedure carried out by the institution and to ensure maximum participation of the bidders in bidding format.

4. The detailed information/action/suggestion may please be directed/communicated to the BMS College of Engineering, Bangalore under intimation to this office.

With regards,

Yours faithfully,
(Rajiv Mishra)

Consultant (Procurement)

National Project Implementation Unit (NPIU)
EDCII, House, 4th Floor, Plot No. 18-A, Sector 16-A
NOIDA-201 301, Uttar Pradesh
Phone: 0120-2513928,
FAX: 0120-2513929



GOVERNMENT OF KARNATAKA
Department of Technical Education
STATE PROJECT FACILITATION UNIT (TEQIP)

Tel: 080 -2237 0034

Directorate of Technical Education

4th Floor, Palace Road,

Bangalore - 560 001

E-mail: spfukarnataka@gmail.com

No: DTE/TEQIP/PRO/CR-30/2011-12

05th June 2015.

To,

The Principal,
BMS college of Engineering,
Bangalore-19.

Sir,

Sub: Procurement of XRD System/Equipment.
Ref: Email from NPIU dated: 04th June 2015.

With reference to above, NPIU has advised SPFU to verify the procurement procedure carried out by the institution in the procurement of XRD System/ Equipment through PMSS.

In this context, SPFU team comprising of Sri. Manohar G Nayak, State Project Coordinator, Sri. M. Raghunath, Project Officer (Procurement) and Sri. H. C Veeranna, Registrar will be visiting your institution on 08th June 2015 at 11:00 AM to verify original documents related to the above procurement.

This is for your kind information and needful action.

Thanking you,

Yours Faithfully,

State Project Co-ordinator
SPFU-Karnataka.



Procurementmanager - <procurementmanager@bmsce.ac.in>

Fwd: Verification of original Files and Documents related Procurement of XRD System/Equipment (CoE) of B.M.S College of Engineering, Bangalore.

Dharmaprakash M.S <msdharmaprakash@gmail.com>
To: Procurementmanager - <procurementmanager@bmsce.ac.in>

Thu, Jun 18, 2015 at 10:57 AM

Dear balaji,

FYA

----- Forwarded message -----

From: **spfu karnataka** <spfukarnataka@gmail.com>

Date: Tue, Jun 16, 2015 at 3:01 PM

Subject: Verification of original Files and Documents related Procurement of XRD System/Equipment (CoE) of B.M.S College of Engineering, Bangalore.

To: rajiv.mishra.teqip@gmail.com, Rupali Jha <rupali.jha.teqip@gmail.com>, "npiuwb@hotmail.com" <npiuwb@hotmail.com>

Cc: Mallikharjuna Babu Kayala <drkmbabu@gmail.com>, drkmbabu@bmsce.ac.in, BMS Bangalore <viceprincipal@bmsce.ac.in>, BMS Bangalore <ravi.mech@bmsce.ac.in>, Ravikumar L <ravibmsce@yahoo.com>, "Dharmaprakash M.S" <msdharmaprakash@gmail.com>, msd.chem@bmsce.ac.in, Talwar <hutamawar@yahoo.co.in>, manohar g nayak <mgn_204@yahoo.co.in>, "raghu.spfu" <raghu.spfu@hotmail.com>, Veeranna HC <veerannahc@gmail.com>

Sir,

Sub: Verification of original Files and Documents related Procurement of XRD System/Equipment (CoE) of B.M.S College of Engineering, Bangalore.

Ref: 1. Email from Sri. Rajiv Mishra, Consultant (Procurement), NPIU, Dated: 5th June 2015.

2. SPFU Office memo No:DTE/TEQIP/PRO/CR-30/2011-12, dated: 05th June 2015.

With reference to above, Sri. M. Raghunath, Project Officer (Procurement) and H.C. Veeranna, Registrar visited BMS College of Engineering, Bangalore on 8th June 2015 to verify the original documents related to the procurement of XRD System/Equipment (CoE).

Based on the records produced by the institution the following observations have been made.

1. The proposed equipment has been included in the Institutional Development Plan (IDP) at an estimated cost of 35 lakhs.

2. But when the package was initiated for procurement at an estimated cost of 70.00 lakhs with the intention of procuring higher model in lieu of desktop model proposed in the IDP. During the interaction with prof. M. Ramachandra, coordinator for CoE, he informed that the estimated cost was arrived at based on oral communication with OEM's/Vendors without any documentary proof.

3. When the NCB was floated through PMSS vide PMSS package no:TEQIP-II/KA/KA02G04/179 through advertisement in newspapers, only two bids were received i.e. one from M/s IR Technologies Services Pvt. Ltd., Bangalore at quoted price of Rs. 92,85,200/- (Ninety two lakhs eighty five thousand two hundred only) and M/s. Spectris Technologies Pvt. Ltd, Chennai at quoted price of Rs. 1,00,88,710/- (One crore Eighty Eight Thousand Seven Hundred and ten only).

4. Through quotations were opened, the data has not been entered into PMSS. The procurement itself has been cancelled without doing comparative technical evaluation of bid on 10th Feb 2014 stating reason that quoted amount was more than 150%.

5. Cancellation of above package has been brought to the notice of BOG subcommittee on 18/02/2014 and post-facto approval has been taken for reinitiating the same package under ICB. Later, it was reinitiated on 03/07/2014 as new package vide PMSS package no: TEQIP-II/KA/KA2G04/220 on 12th March 2015 at a reduced estimated cost of Rs. 70,00,000/-. The cancellation of package under LIB and initiation under NCB has been approved in the 11th BOG subcommittee meeting held on 10/09/2014.

6. As per NPIU Procurement Manual, cancellation of NCBs could be done only after getting NOC from World Bank. Later, it was decentralized to respective BOGs of the project institutions.

7. The current package no: TEQIP-II/KA/KA2G04/220 is in the bid evaluation stage as per PMSS. But, the comparative Technical Compliance Statement and bid evaluation report are no yet upload into PMSS.

8. The specification intended in the IDP have been enhanced to higher specifications boosting the cost up by 100% i.e. Rs. 35 Lakhs to 70 Lakhs.

9. After going through the documents produced by the institution, the current package no: TEQIP-II/KA/KA2G04/220 seems to be initiated through PMSS following the World Bank procurement procedures.

10. M/s. IR Technologies Services Pvt. Ltd, Bangalore has quoted price of Rs. 63,64,250/- (Sixty Three Lakhs Sixty Four Thousand Two hundred and Fifty Only) and M/s. Spectris Technologies Pvt. Ltd, Chennai has quoted price of Rs. 70,79,424/- (Seventy Lakhs Seventy Nine Thousand Four Hundred and Twenty Four

11. M/s IR Technologies Services Pvt. Ltd, Bangalore had quoted with shipment within India including VAT, but in the second call he has quoted for high sea sale with applicable extra customs duty and, the difference is about Rs. 29,20,950/-

12. M/s. Spectris Technologies Pvt. Ltd. Chennai has quoted for both calls high sea sale with extra customs duty. The difference in quoted price from first to second call is Rs. 30,09,286/-

13. Both the vendors have surprisingly quoted less at par

14. The procurement nodal Officer, BMSCE intimated that the probable drop in prices is due drop in EURO exchange rate.

Conclusion:

After going through the documents produced by the institution, it is obvious that the procurement initiated first time in November 2013 is not yet completed till date with two procurement call being cancelled and the 3rd in progress; and almost one and a half year valuable time has been lost. It is obvious that market survey and finalization of specifications were not properly leading to undue delay in procurement.

Further, delay in procurement of the proposed equipment is likely to affect the final outcomes expected from its CoE. Therefore, the institution is advised to go ahead with the procurement provided that the coordinator of CoE submits through the principal the

detailed justification in terms of advantages and outcomes likely to achieved at the end of the project with enhanced specifications costing approximately Seventy Lakhs compared to the originally proposed lower specifications costing about Thirty Five Lakhs.

With regards,

Manohar G Nayak
Officer on Special Duty,
State Project Coordinator,
SPFU Karnataka,

Technical Education Quality Improvement Programme (TEQIP),

Directorate of Technical Education,
Bangalore 560 001

Swatch Bharath | Print only if necessary | Save Trees

—
Dr. M. S. Dharmaprakash Ph.D (IISc)
Professor,
Department of Chemistry
BMS College of Engineering,
Bangalore-560 019
080 9731265431

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B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME-II [1.2.1]
CENTRE OF EXCELLENCE IN ADVANCED MATERIALS RESEARCH

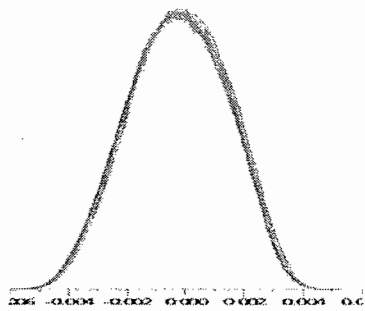
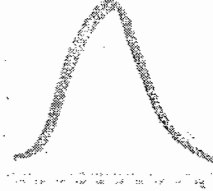
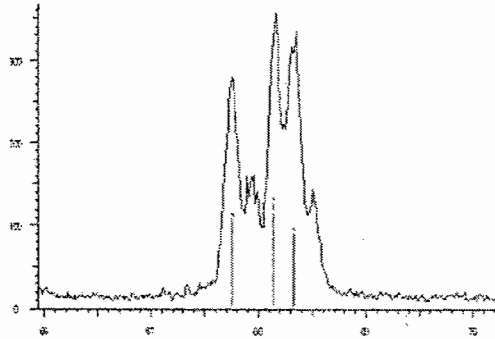
Date: 17.6.2015

Justification in terms of advantages and outcomes with respect to enhanced technical specifications of XRD:

The earlier proposed XRD model in Institutional Development Plan (IDP) of COE in advanced materials research was at an estimated cost of 35 lakhs which was a **Bench top model**. This bench top model is useful for the analysis of metal alloys and no scope for up gradation. In advanced materials research center apart from alloys other materials like oxide, thin films and nano size materials are also being studied which demands for an XRD machine with a floor mounted high resolution XRD. Hence with the advice of the other Principal Investigators involved in COE and other faculty members carrying out similar kind of research work in the college, it was decided to seek permission to procure XRD with the said specifications.

The bench top model has limited applications and nil up gradation scope compared to High resolution XRD. The following table will demonstrate the difference between **Bench top model** and **High resolution XRD**.

		Floor mounted High resolution XRD	Bench top model XRD
1.	X-ray tube	2200 W Long Fine Focus X-ray tube helps in getting four to eight times higher intensity of X-ray source with compared to bench top systems. This helps in achieving higher sensitivity, better limit of detection and there no possibility of missing even smaller peaks.	300/600 W X-ray tube gives four to eight times lesser intensity. Hence poor sensitivity, poor limit of detection . There is always possibility of losing some significant peak .
2.	High resolution X-ray tube	Available and helps in achieving consistent and true peak position without any shift due to ageing and thermal expansion.	NOT available hence by aging of X-ray tube and due to thermal expansion of anode materials it gives peak shifting which misleads the data quality.

			
3.	Goniometer Radius	240 mm and more which helps in achieving adequate intensity and resolution.	150 mm – smaller radius leads to poor resolution.
4.	Scanning angular range	-100 to 220 degree is essential for different types of samples. It gives flexibility of movement of Goniometer in larger angular range.	-3 to 145 degree limited angular range & Flexibility of analysis. Suitable only of Phase ID application.
5.	Exchangeable Soller Slits	Complete range of (0.01, 0.02, 0.04, 0.08 Radians) and exchangeable which is essential for achieving symmetrical peaks and accurate quantitative results.	Fixed type NOT exchangeable hence poor data quality.
6.	Smallest Step Size	0.001degree/step five times better with compared to bench top systems which helps in achieving better angular resolution. Best Resolution of LaB6 SRM achieved with a step size of 0.003 deg / Step.	0.005 degree leads to poor resolution.
7.	Five Finger diffraction pattern on Quartz sample	 Five finger diffraction pattern of Quartz standard sample visible only in full-fledged XRD. This is well proven standard for resolution and sensitivity determination of XRD.	All five peaks are NOT visible due to lower Goniometer Diameter & resolution.
8.	Angular accuracy	+/- 0.0025 degree is essential for good quality data.	+/- 0.02 degree leads to poor data quality.
9.	Goniometer linearity	+/- 0.01 degree throughout the Goniometer range by using LaB6 NIST-SRM	Very poor linearity leads to inconsistent result.


10	Cooling system	Water chiller – the most efficient cooling system for stability and reproducible data quality.	Heat Exchanger – NOT efficient leads to instability and poor life of X-ray tube and poor data quality.
11	Radiation Safety	≤ 1 micro Sv/hr is the maximum permissible radiation level as per a International radiation safety norm which is considered safe even for pregnant women.	NOT Radiation Safe – causes harm to analyst/user.
12	Powder sample analysis	All types of possibilities	Possible with limitation.
13	Phase identification (Search match with database – COD, ICSD, ICDD)	Since all data published in International database have been achieved by using floor mounted full-fledged XRD hence it is the most suitable choice for accurate phase identification by search match with reference database.	NOT accurate since diffractogram produced on bench top systems lack some minor peaks hence it does not give true search match.
14	Phase Quantification	Accurate	NOT accurate since by using bench top systems there is always possibility of losing some significant peak which finally leads into inaccurate quantitative result.
15	Data Quality for Research Paper Publication	Till now all papers related to XRD have been published by using floor mounted XRD hence these are considered to be more authentic.	Poor quality of data may be misleading and can be declared un authentic.
16	Optical sensors for angular accuracy	DOPS (Direct Optical Position Sensing) optical sensors positioned on Goniometer shaft which guarantees lifetime angular accuracy	NOT available
Up gradation possibilities			
17	Thin film analysis by GIXRD (Grazing Incidence XRD)	Possible for identification of phases present in thin film (polycrystalline, amorphous and epitaxial thin films)	NOT Possible
18	Reflectivity analysis	For determination of layer thickness, roughness of thin film sample	NOT Possible
19	Analysis in Transmission Geometry	Is significant for samples having preferred orientation (needle and tiles shaped samples) It also helps in achieving higher intensity, sensitivity and better resolution.	NOT Possible
20	Capillary sample analysis	Required for liquid/suspension/colloidal/air sensitive samples.	NOT possible
21	SAXS (Small Angle X-ray Scattering)	Useful for study of nano materials which is nowadays most common area of interest in academic institutes.	NOT Possible

22	Non ambient analysis	Analysis of sample (Powder/solid etc.) at different temperature (-180 to 2300 deg C and humidity 2-95% levels)	NOT Possible
23	Residual Stress Analysis	Possible	NOT possible
24	Liquid/Gel/Suspension/ Colloidal Samples	Possible	NOT Possible
25	High Resolution related work (Epitaxial thin film – solar panels)	Possible	NOT Possible
26	Micro diffraction	Possible which is essential for small spot analysis	Not Possible
27	In situ slurry flow analysis	Possible which is useful for online monitoring of polymorph growth.	NOT Possible
28	Cluster Analysis	Possible	NOT Possible

With above comparison it is very much clear that it would be a wise decision to buy a full-fledged floor mounted XRD with basic capability of powder sample analysis which will help in getting well proven and internationally acceptable research grade data quality with the best possible sensitivity, resolution, intensity and excellent limit of detection. It is completely radiation safe and fully flexible system with future upgrade possibilities as mentioned above. Bench top model becomes bottleneck since it can't be upgraded for any further improvement or for new applications.

The technical specifications arrived at for high resolution XRD is for the most flexible system and for multipurpose applications like Micro-crystalline diffraction, thin-film diffraction, small angle scattering, and in-plane scattering, Nano materials diffraction etc.

Considering the availability of limited funds under the procurement head of COE, the BOG of BMSCE has agreed to provide additional financial assistance of 45 lakhs to procure items shown in Annexure II. A copy of the proceedings according permission to initiate procurement of XRD and approval of additional financial assistance to COE are shown in Annexures I and II. High resolution XRD will be utilized by all the faculty of different departments who are working in the research area of Materials.


 Dr. M. RAMACHANDRA 17/06/15
 CO-ORDINATOR
 CENTRE OF EXCELLENCE IN
 ADVANCED MATERIALS RESEARCH



Procurementmanager - <procurementmanager@bmsce.ac.in>

Fwd: Verification of Original files and Documents related to Procurement of XRD System/Equipment (CoE) of BMS College of Engineering, Bangalore

Procurementmanager - <procurementmanager@bmsce.ac.in>
Draft

Wed, Jul 8, 2015 at 11:24 AM

----- Forwarded message -----

From: **spfu karnataka** <spfukarnataka@gmail.com>

Date: Sat, Jun 20, 2015 at 3:17 PM

Subject: Verification of Original files and Documents related to Procurement of XRD System/Equipment (CoE) of BMS College of Engineering, Bangalore

To: rajiv.mishra.teqip@gmail.com, Rupali Jha <rupali.jha.teqip@gmail.com>, npiuqt@yahoo.co.in

Cc: BMS Bangalore <viceprincipal@bmsce.ac.in>

Sir,

Sub: - Verification of Original files and Documents related to Procurement of XRD System/Equipment (CoE) of BMS College of Engineering, Bangalore .

Ref:- Email from Sri. Rajiv Mishra, Consultant (Procurement), NPIU, Dated

05.June.2015

In response to the observations made by SPFU after the verification of original documents related to the procurement of XRD system/ Equipment (CoE) by BMS College of Engineering, Bangalore, the institution has given a justification which is herewith forwarded to you for your kind information. Your advise is sought for proceeding further with the Procurement of XRD system (Package no: TEQIP-II/KA/KA2G04/220) by the Institution.

Thank you

—
Manohar G Nayak

Officer on Special Duty,

State Project Coordinator,

SPFU Karnataka,

Technical Education Quality Improvement Programme (TEQIP),

(A World Bank Assisted Project)

Directorate of Technical Education,

Bangalore 560 001

With thanks & regards,

Balaji. R

Procurement Manager - TEQIP II

BMS COLLEGE OF ENGINEERING

[TEQIP-II Office, 6th Floor, B S Narayan Block]

Bull Temple Road, Bangalore 560019

Direct Office: 080 26670909 Office Ph 080 26611636, 26614359 Extn 116.

Fax: 080 26611564 Mobile: 08951249205

Email: procurementmanager@bmsce.ac.in



Please don't print this e-mail unless you really need to. "SAVE TREE"



Justification - XRD.docx

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Fwd: Verification of original Files and Documents related Procurement of XRD System/Equipment (CoE) of B.M.S College of Engineering, Bangalore.Procurementmanager - <procurementmanager@bmsce.ac.in>
Draft

Tue, Jun 30, 2015 at 2:18 PM

----- Forwarded message -----

From: **spfu karnataka** <spfukarnataka@gmail.com>

Date: Fri, Jun 26, 2015 at 12:26 PM

Subject: Verification of original Files and Documents related Procurement of XRD System/Equipment (CoE) of B.M.S College of Engineering, Bangalore.

To: rajiv.mishra.teqip@gmail.com, Rupali Jha <rupali.jha.teqip@gmail.com>, "npiuwb@hotmail.com" <npiuwb@hotmail.com>

Cc: BMS Bangalore <viceprincipal@bmsce.ac.in>, Mallikharjuna Babu Kayala <drkmbabu@gmail.com>, "Dharmaprakash M.S" <msdharmaprakash@gmail.com>, msd.chem@bmsce.ac.in, Talwar <hutamawar@yahoo.co.in>, manohar g nayak <mgn_204@yahoo.co.in>, "raghu.spfu" <raghu.spfu@hotmail.com>, Veeranna HC <veerannahc@gmail.com>, Ravikumar L <ravibmsce@yahoo.com>

Sir,

Sub: Verification of original Files and Documents related Procurement of XRD System/Equipment (CoE) of B.M.S College of Engineering, Bangalore.

Ref: 1. Email from Sri. Rajiv Mishra, Consultant (Procurement), NPIU, Dated: 5th June 2015.2. SPFU Office memo No: DTE/TEQIP/PRO/CR-30/2011-12, dated: 05th June 2015.3. SPFU email dated: 20th June 2015.

With reference to above, you are requested to permit the Institution to issue the Purchase Order to L1 for procurement of XRD system/ Equipment (CoE) vide PMSS package no: TEQIP-II/KA/KA2G04/220 at the earliest to avoid further delay in procurement of the same.

With regards,**Manohar G Nayak**
Officer on Special Duty,
State Project Coordinator,
SPFU Karnataka,

Technical Education Quality Improvement Programme (TEQIP),

(A World Bank Assisted Project)



Viceprincipal - <viceprincipal@bmsce.ac.in>

Verification of original files and Documents related to Procurement of XRD System/Equipment (CoE) of BMS College of Engineering, Bangalore

Viceprincipal - <viceprincipal@bmsce.ac.in>
Draft

Wed, Jul 8, 2015 at 1:55 PM

—— Forwarded message ——

From: **Rajiv Mishra** <rajiv.mishra.teqip@gmail.com>

Date: Sat, Jun 27, 2015 at 12:05 PM

Subject: Verification of original files and Documents related to Procurement of XRD System/Equipment (CoE) of BMS College of Engineering, Bangalore

To: viceprincipal@bmsce.ac.in, drkmbabu@gmail.com, msdharmaprakash@gmail.com, msd.chem@bmsce.ac.in, hutalawar@yahoo.com, mgn_204@yahoo.co.in, veerannahc@gmail.com, Ravikumar L <ravibmsce@yahoo.com>, ravi.mech@bmsce.ac.in

Cc: spfu kamataka <spfukamataka@gmail.com>, spfukamataka@hotmail.com, raghu.spfu@hotmail.com, Rupali Jha <rupali.jha.teqip@gmail.com>

To: BMS College of Engineering, Bangalore

C/c: SPFU Kamataka

Sub: **Verification of original files and Documents related to Procurement of XRD System/Equipment (CoE) of BMS College of Engineering, Bangalore**

Ref: **Your email dated 16th & 20th June, 2015**

Sir,

After going through the observation made by SPFU Kamataka vide mail dated 16th June 2015, it reflects that procurement of above items by BMSCE College is delayed due to non-completion of market survey and finalization of specifications in time.

However, on the basis of conclusion report submitted by SPFU Kamataka, NPIU is in conformity with the decision of SPFU Kamataka that institution may advised to go ahead with the procurement provided that the entire procurement proceedings should have proper BOG approval within the guidelines of World Bank procurement manual through PMSS. Further, institution is also suggested to adhere the instruction (Conclusion Report) given by SPFU Kamataka vide its e-mail dated 16th June 2015.

The institution is also informed/instructed to maintain all the relevant procurement documents pertaining to above procurement at the time of post review.

With regards,

Yours Faithfully,

(Rajiv Kumar Mishra)

**TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME
(TEQIP) PHASE II**

PROCUREMENT MANUAL

**GOVERNMENT OF INDIA
DEPARTMENT OF HIGHER EDUCATION
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
NEW DELHI**

Contents of this document are subject to change.

IMPORTANT ASPECTS OF NCB/ ICB

Important Aspects	Brief Description
Standards & Technical Specifications	<ol style="list-style-type: none"> 1. The bid documents shall include generally accepted standards of technical specifications. 2. Unbiased technical specification shall be prepared with no mention of brand names and catalogue numbers by a committee of experts associating the trade representative, if required. 3. The functional performance, design, quality, packaging and additional requirements should be clearly spelt out in the specifications. 4. The specifications should be generic and should not appear to favour a particular brand or supplier. 5. Preparation of technical specifications, bill of quantities and civil drawings must be completed before tendering. Specifications for the items to be procured should be drawn up in every case with clarity. 6. No deviations from the specifications after opening of tender should be allowed.
Advertisement	<ol style="list-style-type: none"> 1. Invitation shall be published in at least one national English daily and one regional language daily for NCB. 2. In case of ICB's also publish in the "United Nation's Development Business (UNDB)" and dgMarket online and forward to embassies and trade representatives of countries of likely suppliers of goods and also who have expressed interest in response to the General Procurement Notice (GPN) 3. The advertisement should also be placed at the project website.
Time for Submission of Bids	<ol style="list-style-type: none"> 1. Not less than 4 weeks for NCB. 2. Not less than 6 to 8 weeks for ICB.
Earnest Money/ Bid Security	<ol style="list-style-type: none"> 1. Earnest Money (bid security) to be deposited by the bidders shall be a specified amount for each packing/ schedule/ item as indicated in the bid document. 2. It shall normally be 2-5% of the estimated cost of the goods or 1% of the estimated cost of work rounded off to the nearest figure in rupees. 3. The earnest money shall be in the form of a demand draft/ banker's cheque/ bank guarantee from a scheduled bank preferably having a branch at the place where tenders are to be submitted, which should be valid up to 45 days beyond the validity period of the tender. 4. Fixed Deposit Receipts endorsed in favour of purchaser shall also be acceptable. 5. The earnest money of unsuccessful bidders shall be refunded soon after the final acceptance of tenders. 6. The earnest money shall be forfeited in the event of withdrawal of

	the tender within the original validity once submitted or in case a successful bidder fails to provide the performance security and fails to execute necessary agreement within the period specified or for submitting false, incorrect or misleading information.
Performance Security Deposit	<ol style="list-style-type: none"> 1. Tender documents for works and goods shall require performance security in an amount sufficient to protect the implementing agency in case of breach of contract by the contractor/supplier. 2. This shall be in the form of a bank guarantee or any other specified instrument and amount should be specified in the tender document. 3. The amount of performance security shall normally be 5% for goods/ works, of contract price (valid till 28 days after the date of expiry of defect liability period or the guarantee/ warranty period as the case may be). 4. The performance security deposit shall be refunded within one month of the completion of supply of goods/ works or after the expiry of defects liability/ guarantee/ warranty period (as mentioned above). 5. The performance security deposit may be forfeited in case any terms and conditions of the contract are infringed or the bidder fails to make complete supply satisfactorily or complete the work within the delivery/completion period agreed in the contract without prejudice to the purchaser's right to take further remedial actions in terms of the contract and bidding documents which formed part of the contract.
Retention Money	<ol style="list-style-type: none"> 1. In contracts for works, normally 5% of contract price shall be recovered as retention money. 2. Fifty percent (50%) of such retention money shall be repaid to the Contractor on completion of the whole of the works and balance fifty percent (50%) shall be repaid after the expiry of the defects liability period on certification by the Engineer that all defects notified to the contractor before the end of the period have been corrected.
Pre-Bid Conference	<ol style="list-style-type: none"> 1. A pre-bid conference (date/venue to be indicated in the IFB published in newspapers and bid document) may be arranged wherein potential bidders may meet with the representatives of the implementing authority to seek clarifications on the tender documents. 2. Copy of minutes of the pre-bid conference should be furnished to the bidders who had already purchased the bid documents and also supplied along with the bid document sold to the parties purchasing the document subsequent to the pre-bid conference.
Examination of Tenders	<ol style="list-style-type: none"> 1. The Procurement Authorities entrusted with evaluation of tenders shall ascertain whether the tenders: <ul style="list-style-type: none"> ▪ Meet the eligibility requirements specified;

	<ul style="list-style-type: none"> ▪ Have been properly signed; ▪ Are accompanied by the required earnest money and valid for the period specified in the tender document; ▪ Have quoted for the entire schedule/ packing and are in the required currency as indicated in the bid documents; ▪ Have proper Manufacturer's Authorisation letter ▪ Are substantially responsive (commercially and technically) to the tender documents; and ▪ Have the technical and financial capability as per specified tender evaluation criteria to successfully execute the contract. For ensuring financial capacity a minimum turnover requirement should be indicated in bid document. ▪ Are otherwise generally in order. <p>2. If the bidder meets the above stipulations indicated in the bid documents, it is determined as substantially responsive and is considered further for evaluation.</p> <p>3. Historical data in relation to the tender like annual reports, turn over details, etc, if not received along with the bidder, can be requested from the bidder after opening of bids and should be submitted within a reasonable time span (say 7-10 working days).</p>
Post-Qualification of Bidders	<p>1. In case the pre-qualification of the bidders has been carried out, and the tenders have been issued to the pre-qualified bidders, the tenders shall be recommended for award on the basis of being lowest substantially responsive bids.</p> <p>2. If bidders have not been pre-qualified, the implementing agency shall determine whether the bidder whose bid has been determined to offer the lowest evaluated cost has the technical capability and financial resources to effectively carry out the contract as offered in the bid.</p> <p>3. The criteria to be met shall be set out in the tender documents, and if the bidder does not meet them, the bid shall be rejected.</p> <p>4. In such an event, the implementing agency shall make a similar determination for the next-lowest evaluated bidder and so on.</p>
Validity of Tender	<p>1. Bidders shall be required to submit tender valid for the period specified in the tender documents.</p> <p>2. Normally, in case of NCB/ ICB, the bid validity period shall not exceed 90 days after the date of bid opening.</p>
Validity Extension of Tenders	<p>1. As far as possible contract should be finalized within the original validity of the offers mentioned in the tender document.</p> <p>2. An extension of bid validity, if justified by exceptional circumstances with the approval of next higher authority, shall be requested in writing from all bidders (of valid tenders only) before the expiry date.</p> <p>3. Bidders shall have the right to refuse to grant such an extension without forfeiting their Earnest Money, but those who are willing</p>

	<p>to extend the validity of their bid shall also be required to provide a suitable extension of Earnest Money as specified in the tender document.</p> <p>4. Prior concurrence of the Bank would be obtained if (i) for the first request for extension if it is longer than four weeks; and (ii) for all subsequent requests for extension irrespective of the period (such concurrence will be considered by Bank only in cases of Force Majeure and circumstances beyond the control of the Purchaser/ Employer).</p>
Rejection of All Tenders	<p>1. Tender documents usually provide that implementing agency may reject all tenders.</p> <p>2. Rejection of all tenders is justified when none of the tenders are substantially responsive. However, lack of competition shall not be determined solely on the basis of the number of bidders.</p> <p>3. If all tenders are rejected, the implementing agency shall review the causes justifying the rejection and consider making revisions to the conditions of contract, design and specifications, scope of the contract, or a combination of these, before inviting new tenders.</p> <p>4. If the rejection of all tenders is due to lack of competition, wider advertising shall be considered. If the rejection is due to most or all of the tenders being non-responsive, new tenders may be invited.</p> <p>5. Rejection of all tenders and re-inviting new tenders, irrespective of value shall be referred to the next higher authority for approval than the authority that approved the issue of tender or to the head of the unit. Before re-inviting tenders the specifications may be reviewed for revision, if any.</p> <p>6. Rejection of tenders (ICB/ NCB), irrespective of the value, will require World Bank's approval.</p>
Modification in Orders (Goods/ Equipment)	<p>1. Quantities in contracts awarded may be increased up to 15% of the quantity originally ordered by amending the order after recording reasons, provided that such orders shall be given before the date of the expiry of last supply and also subject to the condition that prices have since not reduced and purchases were required on urgency basis.</p> <p>2. If the threshold of 15% is exceeded, prior concurrence of the Bank shall be obtained.</p>
Extension of Contract (Works)	<p>1. Contracts under NCB method may be increased/ decreased up to 15% of the quantity originally ordered by amending the order/ contract after recording reasons, provided that such orders shall be given before the date of contractual completion and also subjected that works were required on urgent basis.</p> <p>2. The variation in requirement shall be appropriately indicated in the bid document.</p>

	3. It should be justifiable on economic grounds/ without change in costs.
Rebidding	<ol style="list-style-type: none"> 1. Rebidding shall not be carried out without the prior concurrence of the Bank. 2. The system of rejecting the bids falling outside a pre-determined margin or bracket of prices shall not be used.
Negotiation	There should not be any negotiations either for price or terms and conditions of the tender submitted.
Confidentiality	After the public opening of tenders, information relating to the examination, clarification, and evaluation of tenders and recommendations concerning awards shall not be disclosed to bidders or other persons not officially concerned with this process until the successful bidder is notified of the award of the contract.
Terms & Methods of Payment	Payment terms for ICB and NCB are provided in the bidding documents and should be followed as it is.
Liquidated Damages	<ol style="list-style-type: none"> 1. Provisions for liquidated damages shall be included in the conditions of contract for the delay in the delivery of goods or completion of works. 2. In the case of goods, the liquidated damages shall be calculated at the rate of 0.01% per day of delay to maximum of 10% of the contract value. 3. In the case of works, the liquidated damages will be calculated at 0.01% of the contract price per day, subject to a ceiling of 10% of the contract price and shall be levied by way of pre-estimated damages and not by way of penalty.
Fraud & Corruption	<p>The borrowers (including beneficiaries of Bank loans), as well as Bidders, Suppliers, Contractors, and Consultants under Bank-financed contracts shall observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, the Bank:</p> <p>(a) defines, for the purposes of this provision, the terms set forth below as follows:</p> <ol style="list-style-type: none"> (i) "<i>corrupt practice</i>" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution; (ii) "<i>fraudulent practice</i>" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract; (iii) "<i>collusive practice</i>" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the borrower, designed to establish bid prices at artificial, non competitive levels; and (iv) "<i>coercive practice</i>" means harming or threatening to harm, directly or indirectly, persons or their property to influence

	<p>their participation in the procurement process or affect the execution of a contract;</p> <p>(v) <i>"obstructive practice"</i> is :</p> <ul style="list-style-type: none"> ➤ deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; and ➤ acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under sub-paragraph (e) below. <p>(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question;</p> <p>(c) will cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a beneficiary of the loan engaged in corrupt, fraudulent, collusive or coercive practices during the procurement or the execution of that contract, without the Borrower having taken timely and appropriate action satisfactory to the Bank to remedy the situation;</p> <p>(d) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a Bank-financed contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a Bank-financed contract; and</p> <p>(e) will have the right to require that a provision be included in Bidding Documents and in contracts financed by a Bank loan, requiring Bidders, Suppliers, Contractors and Consultants to permit the Bank to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Bank.</p>
Review by the World Bank	<p>1. It is the Bank's policy that Borrower's, as well as bidders, suppliers, and contractors under Bank financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Bank will have the right that a provision be included in bidding documents and in contracts financed by a Bank loan, requiring bidders, suppliers, and contractors to permit the Bank to inspect</p>

	<p>their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Bank.</p> <ol style="list-style-type: none"> 2. Contracts which are (i) not subject to prior review by the Bank, and (ii) awarded following these guidelines will be post reviewed by the Bank. 3. World Bank will carry out post review either by themselves or by selected Consultant up to 10% of all contracts issued by the concerned institute. 4. The Borrower shall retain all documentation with respect to each contract (excluding contracts subject to prior review by the Bank) during project implementation and up to two years after the closing date of the Loan Agreement. This documentation would include, but not be limited to, the signed original of the contract, the analysis of the respective proposals, and recommendations for award, for examination by the Bank or its Consultants. The Borrower shall also furnish such documentation to the Bank upon request. 5. If the Bank determines that the goods, work or services were not procured in accordance with the agreed procedures, as reflected in the Loan Agreement and further detailed in the Procurement Plan approved by the Bank or that the contract itself is not consistent with such procedures, it may declare mis-procurement as established in the Procurement Guidelines. The Bank shall promptly inform the Borrower the reasons for such determination.
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BMS COLLEGE OF ENGINEERING, BANGALORE
Technical Education Quality Improvement Programme-II (TEQIP-II)

Inter office Memo

Date: 01 July 2015

Sri Madhusudan. J., Research assistant working in Center of Excellence in Advance Materials Research, under TEQIP-II has not reported to duty since from 10.06.2015. He has not contacted our office also not submitted any leave request. He has not responded to our telephonic calls as well. In this regard, an official memo has been served to him on 18-June-2015 seeking explanation for his unauthorised absence and giving him an opportunity to report duty. But he has neither reported to duty nor submitted any explanation till date.

When tried to contact him over phone he could not be reached but his father informed over phone that Sri Madhusudan.J. is not interested in research and may join some other kind of job.

As Sri.Madhusudan.J has not shown any interest in reporting to duty and his absence to the duties of COE is causing hindrance to the work at COE, his services may be terminated with immediate effect.

For kind orders,

TEQIP Coordinator I]

[Signature]
2/7/15

[Signature]
COE Coordinator
Co-ordinator
Center of Excellence
TEQIP - II, BMSCE
2/7/15

For kind personal & orders *[Signature]* 2/7/15

PPL] *[Signature]*
2/7/15



BMS COLLEGE OF ENGINEERING, BENGALURU-19
(Autonomous College under VTU)

No. BMS/TEQIP II/2015-16/08

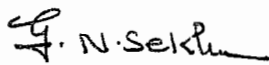
Date: 18.06.2015

MEMO

Sub: Un-authorised absence to duty.

Sri.Madhusudhan J., Research Assistant, working in Centre of Excellence under TEQIP-II is hereby informed that his unauthorized absence to duty in the college since 10.6.15 has caused hindrance to the work at the Centre of Excellence.

Sri.Madhusudhan J., is also hereby informed that he is given an opportunity to report to duty in the college on or before 25.6.2015 submitting an explanation for the said un-authorized absence; failing which his services in the college cannot be continued further.


VICE PRINCIPAL &
TEQIP CO-ORDINATOR-I

To:

1. Sri.Madhusudhan J., Research Assistant, TEQIP II-COE
2. Co-Ordinator- COE, TEQIP-II
- ✓ 3. TEQIP II Co-ordinator
4. Pay Rolls
5. Office Copy



Conference Report

ANNEXURE 10

Highlights

- 1) Closing Keynote by Harish Hande (SELCO): Harish gave some powerful and critical input at the end of the conference on the view of the BoP as a market of a size of 5trillion, but importantly with a non-expendable income. He inspired the audience to go beyond and away from looking at the 1.5b poor without electricity as a great market but to leave expectations behind and create hands-on business models. The keynote speech is uploaded in full length on energypedia, please find [it here](#).
- 2) Keynotes, Sessions: Introduction remarks by Leena Srivastava, her points being taken up by many during the break-out sessions – the question on why decentralized energy supply has such a primary focus on rural areas while being the most difficult and vulnerable areas to create a market in. She leaves the audience with the question on whether it would make more sense to conduct the de-risking in urban areas and then take that knowledge and experience into rural areas, and to leverage the potential for leapfrogging.
- 3) Virtual Sessions – It was the first time we offered virtual sessions and we had great feedback and interest in the sessions. Through them we are able to make the conference sessions truly accessible to everyone – the recordings of the sessions will be put [on energypedia](#)
- 4) Buddy Meetings – The student buddies were extremely dedicated and had great output of the conference – one even got offered a job by their buddy.

Participation

In total 121 people participated at the conference, with 21 student buddies and a great local team. Seven participants received a travel scholarship (two from ADA, two from the Smart Villages Initiative, three from the Hans-Böckler-Stiftung). From MES/MEI, eight people attended the conference (Liisa, Sebastian, Jonas, Hannes, Raluca, Daniel, Pavan, Hari).

Agenda

There were 36 paper presentations in 12 sessions and 5 posters in addition to the four business plans exhibited during the poster session. Further, there were 4 panel discussions. We organized a business plan competition with ADB-Energy for All (April 21-22) and a mini-grid workshop with TERI and UNEP (April 22) - a detailed synthesis of the workshop outcomes is being developed and then shared. Details of the agenda can be [found here](#).

Conference Organizers



The BMS College

First of all: India! Fascinating, exciting, and most importantly: always full of surprises. Bangalore was once called the green city, especially the area where the BMS College is located, which is 'the old Bangalore', one can see a lot of old architecture, a lot of green in between temples and cows. Inspiration all around and definitely a great place to host a conference! And most importantly, it was important to us to host the conference in the Global South.



The MES2015 conference took place around the BMS Campus, a fairly small campus.

Venues:

- 1) BMS Main Auditorium
- 2) BSN Hall
- 3) Faculty Development Centre

For the conference, there was a canopy set up next to the main auditorium where all catering took place. For many, the Indian food was one of the highlights. Further, the conference guests were well equipped with conference material including a prominent MES2015 backpack.

Organization and logistics?

As Sebastian put it very fittingly: If something seems impossible, you should just ask how much impossible it is. This also fits to how the conference organization went: a good faith in the possibilities of things which sometimes leads to late implementation, but in the end, all is possible!

A group of 7 more people arrived between one week and a couple of hours before the conference, so there was enough manpower on the ground. This did not mean the inexistence of last-minute confusion, but without a bit of stress, it would not have been a proper conference!

What were the success factors?

- A great and dedicated team, both from BMS side (a conference team of 12 professors) as well as our locals from MEI's side: Hari & Pavan
- Suresh (from picture below): *"What I learnt throughout this whole process: When Liisa sends you an email, with no exception: you have to respond within the next 25 minutes"*
- Responsibilities were clearly divided for almost all tasks and were seen through impeccably to be done
- The experiences from the last conference: The organizing team could build on the experience of the four previous MES conferences. Critical points were known and could be addressed on time; lists, templates, routines were in place and just needed to be adapted.
- The BMS is well equipped and has great infrastructure for such an organization. Also the conference was part of an international conference series at the BMS College, so there were a lot of previous processes in place to do certain things efficiently.

Outlook

Publications:

- A book of abstracts was compiled and printed for the conference, including forewords of the chair, the organizers, and all abstracts. This can be [found here](#).
- The scientific proceedings of the conference with all full-length papers were published by the TU Verlag, with ISBN and DOI. This was done almost a week before the start of the conference, which is a great hymn to efficiency. The proceedings can be [found here](#). The practitioner proceedings are under way.
- Documentation: With energypedia as a media partner, professional photo- and videographers from BMS, the whole conference was professionally and thoroughly documented. The energypedia documentation can be [found here](#). This year we have exceptional video material documenting many of the presentations.



An exciting outlook is also the next conference: we are already in discussions to organize it in South Africa. We will keep you updated on progress in this regard. To subscribe to our mailing list, please send an e-mail to: conference-team@microenergy-systems.com

First Impressions

There is a lot of video material yet, which needs to be processed. As for pictures, there are many impressions on the website (www.microenergysystems.tu-berlin.de/conference) and the facebook page for the conference series (www.facebook.com/MESConferences).



"Feel proud to be a family member of MES2015"
Could there be better feedback?



Press Coverage of the Conference in the local Bangalorean newspaper (April, 2015)

Business Plan Competition (21-22.04.2015)

अभिषिक्त एन added 5 new photos
April 24 at 10:33am Edited 3d

Finally getting the Business Model some-what right for the Investors , GPE - TU Berlin , Winners of MES 2015 conferences, Clean Energy Business Plan competition (at BMS college , Bangalore , India) with team members Piang Natapark & Gaurav Patil . Jury members were Dr. Daniel Phillip (MEI Berlin) , Mr. Coy Navaro (Asian Development Bank - Energy For All) & Dr. Bernie Jones (Smart Villages)
<http://www.microenergy-systems-tu-berlin.de/conference/> — with Piang Natapark



Unlike Comment Share

Yes, Vinay Shankar, Manju Kalmath, Shivarany Bhandary and 47 others like this.

Group of Student Buddies with their coordinators



Got some time in coffee break to get some snaps.
Thank u Lisa mam and Mr. Jonas for this nice memory. 📸 PC: Manju Kalmath Nirav Patel
Lisa Andersson Shivarany Bhandary Manasa
Manjunatha Jonas VanderStraeten Rakshit
Prabhakar B.M S College of Engineering

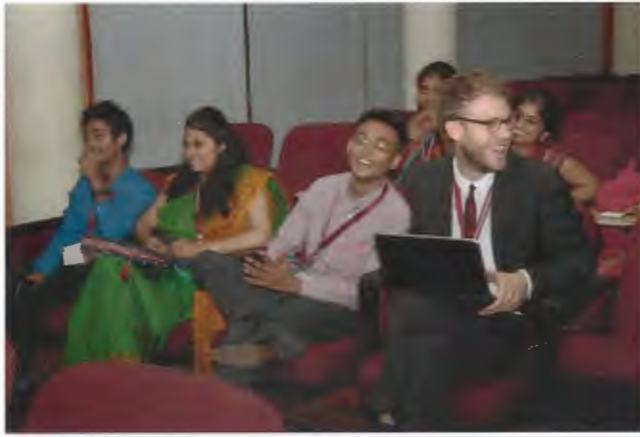
Unlike Comment Share

You, Sam Rouanet, Prathima Basavaraju, Paulus Schouten and 92 others like this.

Manju Kalmath I am missing in this Lovely Pic
April 23 at 10:00am Like 1

Vinay Shankar U r d photographer 😊
April 23 at 10:00am Like







**Thank you to all who supported – whether from Berlin,
Berkeley, Bangalore, Dhaka...!**

Let's do it again!



149

Contact the Conference Team:

conference-team@microenergy-systems.com

<http://www.microenergysystems.tu-berlin.de/conference/>





5th IEEE International Advance Computing Conference

Hosted by BMS College of Engineering

The highly prestigious annual 5th edition of IEEE International Advance Computing Conference hosted by BMS College of Engineering on 12th & 13th June 2015 attracted more than 700 delegates from across the globe including eminent personalities from the world of computing and technology.

The conference was intended at expanding the knowledge horizons of the faculty and students in the field of advance computing and concentrated on the progress and recent innovations in the field of advance computing. The conference also witnessed an enthusiastic participation of industries in the form of Exhibits & industry driven workshop. Extreme Networks, Ruckus Wireless, Vmware, Lenovo, Accenture, Binary Systems & Maheshwari Electronics were the main industry sponsors for the event.

The conference began with Inaugural function, Dr. Radhika K. R, General Chair of the conference briefed about the conference and the details of the research papers submitted by researchers of India & abroad for IACC 2015 and the review process for selection of papers. Honorable Chief Guest Sri. M.N. Vidyashankar, President, India Electronics & Semiconductor Association, Additional Chief Secretary to GOK (Retd.) delivered presidential address. Dr. Ragini Narayan, Donor Trustee, BMSET released the hand book of the conference. Dr. K. Mallikharjuna Babu, Principal, BMSCE delivered the welcome speech. Dr. Gowrishankar, Steering Chair, IACC 2015 briefed about the various activities spread across two days of conference. Dr. G. N. Sekhar, Vice Principal, BMSCE proposed the vote thanks to the august gathering. Dr. D. N. Sujatha, Publication Chair, Dr. Indiramma.M, Technical Program Committee Chair & Dr. H. S. Guruprasad, Information Contact Chair were witness to this function.

Addressing the gathering on the inaugural function Sri. M.N. Vidyashankar, spoke, "At the outset, I appreciate BMS and IEEE for organizing IACC 2015 in Bangalore. BMS is indeed the right venue to organize this event considering it is the oldest private engineering college in the country."

Emphasizing the importance of advance computing he added "Technology has solutions for every problem, be it national security, economic competitiveness, or academic competitiveness. The pressure to reduce cost is high on all organizations across all the countries. If we are to be competitive in academic or scientific advancement or economics, it is absolutely important to take advance computing as most essential-that's what the future is all about. We should have more of these sort of conferences to provide and share knowledge and experiences with people amongst all walks of life."

Inspiring talks by personalities like **Dr. Roger Zimmermann** evoked the participants to think about the present technology in a much more advanced way. His research on Image search simplifications for refined search included location, distance and direction which uses algorithms to refine users search query or key words to find what exactly we are looking for. Dr. Zimmermann also spoke about The GeoVid project that explores the concept of sensor-rich video tagging with a continuous stream of extended geographic properties that relate to the camera scenes. This meta-data is then utilized for storing, indexing and searching large collections of community-generated videos.

Another eminent speaker **Dr. Raja Datta** spoke on Wireless Sensor Networks (WSN)- these are the sensors that can detect the smallest of the particles such as dust for investigation and these sensors can also be used in air pollution monitoring, forecasting system, soil moisture monitoring, disaster relief monitoring and body area monitoring.

Dr. Vikas Mathur spoke on cloud computing and the factors that one must consider while opting for cloud computing data management. The RightCloudz evaluate and uses ranking methodology to provide the base for creating unbiased, customized evaluations of public cloud vendors based on the users' business and technical priorities.

Dr. Seeram Ramakrishna, Director, Center for Nanofibers and Nanotechnology and Vice- President (Research Strategy), National University of Singapore, spoke on entrepreneurship and innovation and gave a vision on changing the world in a sustainable way with the examples of many innovative technologies of recent times that have revolutionized the way of life. He also spoke about the outcome of his & his students' pivotal research which led to the successful spinoff companies such as BioMers, Electrspinara & Electrospin Tech

Dr. Biplab Sikdar, Professor, Rensselaer Polytechnic Institute, Troy, New York, USA, spoke on how Internet of Things is slowly evolving and the applications of internet of things have become a part of everyday lives. The applications of internet of things vary from healthcare to automobile, from marine life monitoring to agriculture to name a few.

Dr. Y.V.S Lakshmi, Head -IPR and Marketing, Center for Development of Telematics & Chairperson, IEEE WiE, emphasized on the importance of patenting and its uses.

Dr. B.V.R. Chowdari, Executive Director, National University Singapore(NUS)- India Research Initiatives gave a talk on opportunity for Indian researches & students to conduct joint research with NUS. He also spoke about opportunities of globalization in the field of education.

Dr. Hari Krishna Garg, Singapore, Professor, Electrical and Computer Engineering Department, National University of Singapore, gave guidelines for enthusiastic entrepreneurs on the new trends and what are the key factors that make an entrepreneur successful.

The IEEE IACC - 2015 conference had a mix of invited expert talks, high-level panel discussions, poster session, and peer reviewed papers with a truly distinguished array of personalities from industry, academia and government from across the world. All these aligned with the theme that focused on cloud based innovations in Social Network Analysis, Artificial Intelligence and Image Processing, High Performance Computing, Advance Computer Networks and Advanced Algorithms.





B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-II

SIXTEENTH MEETING OF THE SUB-COMMITTEE OF BOG



MINUTES

DATE : 26.08.2015

VENUE: BOARD ROOM



B.M.S.COLLEGE OF ENGINEERING, BENGALURU-560 019

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-II

SIXTEENTH MEETING | 26.8.2015 | SUB-COMMITTEE OF BOG | MINUTES

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TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-II
SIXTEENTH MEETING | 26.08.2015|SUB-COMMITTEE OF BOG | MINUTES

MEMBERS PRESENT:

1. Prof. D. Thukaram, Chairman
2. Dr. K. Mallikharjuna Babu, Principal & Convenor

NODAL OFFICERS/ CO-ORDINATORS PRESENT:

1. Dr. G.N. Sekhar, TEQIP Co-ordinator-I
2. Dr. L. Ravi Kumar, TEQIP Co-ordinator-II
3. Dr. M.S. Dharmaprakash, Nodal Officer – Procurement
4. H.S. Guruprasad, Nodal Officer – Academic Activities
5. Dr. K. Guruprasad, Nodal Officer – Equity Assurance Plan
6. Dr. C. Lakshminarayana - Nodal Officer – Equity Assurance Plan.
7. Dr. Suresh Ramaswamyreddy – Nodal Officer – Financial aspects
8. Dr. M.V. Murugendrappa, Principal Investigator, CoE

MEMBERS PRESENT ON INVITATION:

1. Dr. Ravishankar Deekshit – Dean [Academic] & HOD,EE
2. Dr. B.V.Ravishankar – Dean [I Year B.E]
3. Dr. Seshachalam – Professor & HOD, EC.
4. Dr. K.J.Rathanraj – Professor & HOD, IEM.
5. Dr. S.Mualidhara – Professor & HOD, CV.
6. Dr. S.Girish – Professor, CV.
7. Dr. Mayanaik – Professor, CV.
8. Dr. G.Giridhara – Professor, ME.

The Principal and the convenor extended a cordial welcome to the members for the meeting.

1. Minutes of the fifteenth meeting of the BOG sub-committee held on 11th July 2015:

The minutes of the fifteenth meeting of the BOG sub-committee held on 11.07.2015 were read and recorded [Annexure-1].

2. Presentations by Senior Professors of the college who were deputed for the Capacity Building programmes under TEQIP-II:

The Deans, HODs and senior professors who were deputed to attend the Management Capacity Building programmes organized by the NPIU at various IIIMs were present. The academic nodal officer Dr. H. S. Guruprasad informed the committee that he requested the professors to come prepared for making a presentation before the BOG subcommittee, with a maximum of three to four slides, highlighting their learning outcomes at the respective training programs, individual perception on the scenario in the BMSCE and the points on which they would like to work for improvement. The committee heard the presentations of



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each and interacted with them for further clarity and refinement on their presentations. The following professors have made their presentations before the subcommittee and copy of their presentations are recorded at Annexure-2.

Sl. No.	Name	Department
1	Dr. Ravishankar Deekshit	Dean [Aca] and Head, EE
2	Dr. B.V. Ravishankar	Dean [1 Yr. BE]
3	Dr.K.Guruprasad	Dean [Mechanical]
4	Dr. S. Maralidhara	Professor and Head, CV
5	Dr. L. Ravikumar	Professor and Head, ME
6	Dr. D. Sheshachalam	Professor and Head, EC
7	Dr. K. J. Rathanraj	Professor and Head, IM
8	Dr. M.S. Dharmaprakash	Professor and Head, Chemistry
9	Dr. Suresh Ramaswwamyreddy	Professor, CV and Director, IQAC
10	Dr. S. Girish	Professor, CV
11	Dr. G. Giridhara	Professor, ME
12	Dr. C. Lakhminarayana	Professor, EE
13	Dr. Maya Naik	Professor, CV

The members unanimously pointed out that there is a need to implement an ERP solution by identifying a good software that helps the administration. Dr. Suresh Ramaswwamyreddy and Dr. M. S. Dharma Prakash volunteered to be members of the committee proposed to be constituted for identification and implementation of the ERP solution in the college.

3. Status of Grants received and Expenditure incurred under TEQIP II as on 26.08.15.

The committee noted that the college has received Rs.1100 lakhs so far, towards the activities of TEQIP-II and is awaiting for release of the last instalment of Rs.150 lakhs from

the SPFIJ.



B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-II
SIXTEENTH MEETING | 26.08.2015|SUB-COMMITTEE OF BOG | MINUTES

3.1 The committee perused the details of expenditure incurred till 26.08.2015 and forecast for the next four months, submitted to the SPFU. The TEQIP Coordinator-I informed the committee that the college completes utilisation of 95% of the total allocation by the end of September 2015. Further he informed the committee that the college has disbursed the teaching assistantships to the non-GATE PG students only till February 2015 and the research assistantship to the full time research scholars till July 2015 and is waiting for a communication about consideration of the revised IDP submitted by the college and sanction of additional funds. After detailed discussions, the committee accorded approval for transferring Rs. Five lakhs from the head of IOC to the head of FSD. The committee also accorded approval to reimburse the Ph.D. course fee paid by the faculty members to the University/institution. The committee noted the following status of expenditure under various heads and expressed its satisfaction on the proposed actions for the next four months.

Sl. No.	Head of Expenditure	Project Allocation (Amt. In Lakhs)	Expenditure as on 25.08.2015	Balance
1	Procurement	562.50	522.33	40.17
2	Assistant ship	262.50	259.2	3.30
3	Research & Development	62.50	43.49	19.01
4	Faculty & Staff Development	130.00	129.21	0.79
5	Industry Institution Interaction Cell	62.50	50.45	12.05
6	Management Capacity Development	25.00	19.91	5.09
7	Reforms	12.50	8.52	3.98
8	Student Support	25.00	5.63	19.37
9	IOC	107.50	85.51	21.99
	Total	1250.00	1124.25	125.75

3.2 The committee also noted that the NPIU has circulated the Revised Project Implementation Plan-June 2015 [PIP] and that the new PIP permits flexibility in the allocations under the heads of accounts serially numbered from 2 to 8 below treating them as a combined head of account.



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3.3 The committee noted that the college is awarding the fiscal incentive/assistance to the final year students of both UG and PG programs for carrying out the R &D activities by procuring raw materials in small quantities, for printing their final Project Report, registration charges and travelling allowance for presenting research papers in the conferences and publishing research papers in both the national and international journals.

3.4 The TEQIP Coordinator-I informed the committee that four SC/ST Students were permitted to refund the teaching assistantship awarded to them to facilitate them to receive the SC/ST Scholarship granted to them by the Government of Karnataka. The committee ratified the action initiated.


4. Reimbursement of registration fee for Paper Presentation at the international conference IEEE TENCON at Macau, China by the faculty of EEE

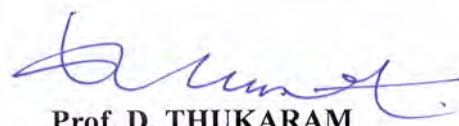
The Committee accorded approval to reimburse 550 USD to Dr. P. Meena, Associate Professor-EEE, paid by her towards the registration fee for attending and presenting her research paper titled “Power Quality conditioner and Load management system for an integrated residential grid” at the IEEE TENCON conference at Macau, China during Nov 1-4, 2015, on her submission that she will find financial assistance from other sources towards TA & DA.

5. Award of Teaching Assistantship under the COE

The committee accorded approval for award of teaching assistantship to Mr. Swagata Bhowmik, student of 3rd semester M. Tech (Manufacturing) only for the current academic year.

The meeting concluded with a vote of thanks to the Chair.


Dr. K. MALLIKHARJUNA BABU
PRINCIPAL and CONVENOR


Prof. D. THUKARAM
CHAIRMAN



B.M.S.COLLEGE OF ENGINEERING, BENGALURU-560 019

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-II

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ANNEXURES

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MEMBERS PRESENT:

1. Prof. D. Thukaram, Chairman
2. Sri. M. Krishnaswamy, Member
3. Dr. K. Mallikharjuna Babu, Principal & Convenor

NODAL OFFICERS/ CO-ORDINATORS PRESENT:

1. Dr. G.N. Sekhar, TEQIP Co-ordinator-I
2. Dr. L. Ravi Kumar, TEQIP Co-ordinator-II
3. Dr. S. Gowrishankar, Nodal Officer – Academic Activities
4. Dr. H.S. Guruprasad, Nodal Officer – Academic Activities
5. Dr. M.S. Dharmaprakash, Nodal Officer – Procurement
6. Dr. K. Guruprasad, Nodal Officer – Equity Assurance Plan
7. Dr. M. Indiramma, Co-ordinator – IIIC
8. Dr. S. Srinivas, Principal Investigator, CoE
9. Dr. Chandashree Das, Principal Investigator, CoE
10. Dr. M.V. Murugendrappa, Principal Investigator, CoE

MEMBER PRESENT ON INVITATION:

1. Dr. Martin Jebraj, Director – R&D

The Principal and the convenor extended a cordial welcome to the members for the meeting.

1. **Minutes of the fourteenth meeting of the BOG sub-committee held on 19th March 2015.**

The minutes of the fourteenth meeting of the BOG sub-committee held on 19.3.2015 [Annexure – 1] were read and recorded.

2. **Research proposals for consideration under TEQIP II**

The members noted that the BOG in its 58th meeting accorded approval for submission of the proposal seeking additional funds of Rs.800 lakhs under TEQIP II. Further, the BOG subcommittee in its 14th meeting authorised the Principal to constitute expert committees to scrutinize the proposals received (i) for upgrading existing equipment / laboratory, (ii) R&D proposals. The TEQIP Coordinator-I informed the members that the TEQIP office received proposals worth Rs.588 lakhs from various departments. The members perused the recommendations of the six expert committees that have recommended 44 proposals worth Rs.310 lakhs approximately, for inclusion in the revised IDP being prepared for seeking additional funds under TEQIP.



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The Chairman of the subcommittee opined that the college shall consider high value research proposals under such projects leading to superior outcomes. The committee considered the IDP submitted to the SPFU/NPIU seeking additional funds, after detailed deliberations, the committee approved the proposal [Annexure-2].

3. Staff in the TEQIP Office

The committee noted that Smt. H. Roopa working as Office Assistant at TEQIP-II had resigned for the job quoting personal reasons and also she was relieved from her duties on 05-06-2015 and approved the same.

4. Audit of accounts for the year 2014-15

4.1 The committee noted that M/s B. N. Jayaram and Associates have completed the audit of accounts for the period 1st April 2014 to 31st March 2015. The committee perused the financial statements and utilisation certificates prepared by M/s B. N. Jayaram and Associates and accepted the audit report[Annexure-2a]

4.2 The committee noted that the internal auditors appointed by the SPFU, M/s GRSM & Associates have conducted audit of TEQIP II accounts during June 1-2, 2015 for the year 2014-15.

4.3 The committee noted that Sri Sarang Kumar and Sri Arvind Kumar of M/s Agarwal A. Kumar & Associates, Chandigarh, Chartered Accountants appointed by the SPFU have conducted the internal audit on 1-7-2015 for the period from 1st October 2014 to 31st March 2015 of TEQIP-II and COE.

The committee further noted that the auditors appointed by the SPFU will be submitting their reports to SPFU and the SPFU in turn communicates the same to the college in due course of time.

5. Performance Assessment Indicators:

The committee noted that the BMSCE has met all the nine performance indicators as per the NPIU website [Annexure-3] and expressed its satisfaction over the accomplishment made by the college.

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6. Approval to the faculty, staff & students attending programs and conduction of in-house programs.

- 6.1 The committee perused the consolidated list of the approvals given by circulation with the details of faculty and students to attend programs outside the college under TEQIP-II/COE and ratified the same [Annexure-4].
- 6.2 The committee approved the proposals of the faculty who have proposed to attend programs outside the college under TEQIP-II/COE [Annexure-5].
- 6.3 The committee ratified the deputation of Dr. Suresh Ramaswamyreddy, Nodal Officer (Finance) and Smt. A. N. Shubha (SDA) to a training programme on e-FMR/ Financial Management organised by the NPIU at Mumbai on June 10th, 2015.
- 6.4 The committee approved the nomination of Professor K. Guruprasad, Nodal Officer (EAP) and Professor D. Seshachalam, HOD-ECE to attend the 'Management capacity enhancement program' organised at IIM, Indore from July 16-22, 2015.
- 6.5 The committee approved the deputation of Dr. Saakey Shamu, Professor of Civil Engg, Dr. M Ramachandra, Prof of Mechanical Engineering and Coordinator-COE to attend the 'Management capacity enhancement program' organised at IIM, Bangalore during July 20-24, 2015.
- 6.6 The committee approved the deputation of Dr. K. J. Rathanaaj, HOD-IM and Dr. S. Girish, Professor-CV to attend the 'Management capacity enhancement program' organised at IIM, Lucknow from 27th to 31st July, 2015.

The committee directed the Academic Nodal Officer to organize presentations by the faculty deputed for Management Capacity Enhancement Program, highlighting the outcomes and action plan in its next meeting.

7. Post Procurement Review of files by NPIU Auditors and Statement of Review Actions submitted

The committee noted that a post procurement review of selected files was conducted by the World Bank Auditors on 26 November 2014 at NPIU, New Delhi. The committee also perused the Review Reports generated w.r.t. BMSCE and the reply provided by the institution thereon.

The Committee noted that the World Bank auditors in their general observations opined that most of the issues are related to the managements and needs to be tackled by Institutions themselves. The committee also noted that the auditors advised the Institutes to chalk out a Standard Operating Procedure (SOP)/Action plan/Check list while

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initiating procurement process, so that the common issues, observed by them can be avoided in future [Annexure - 6].

8. Post Procurement Review by SPFU and reply provided by the college

The committee perused the observations of the SPFU based on the post procurement review conducted by them on 20th January 2014, 27th March 2014, 3rd & 4th March 2015 and 31st January 2015. The committee also noted that the SPFU sought justification from the college stating that the procurement of the three packages namely: (a) TEQIP-II/KA/KA2G04/98-FPGA Kits (b) TEQIP-II/KA/KA2G04/152 – WARP Radio Board and (c) TEQIP-II/KA/KA2G04/134 – Power Lab Tutor System are not in compliance with the World Bank Guidelines quoting the reasons:

- Uniqueness of the proprietary product procured is not substantially justified;
- Quantity variation – ordered quantity is 1 No. against enquired quantity of 4 Nos;
- Enquiry was sent to M/s. Comtek whereas the OEM authorised M/s. Marutek and order was placed on M/s. Marutek.

The committee also perused the justification provided by the college and hoped that the SPFU may consider the same favourably in its next steering committee meeting and drop the observations [Annexure -7].

9. Status of Expenditure incurred under TEQIP II as on 30.6. 2015

The committee perused the details of expenditure incurred till 30.06.2015 and forecast for the next four months, submitted to the SPFU. The committee also noted that the new PIP (June 2015) permits flexibility in the allocations under the heads of accounts serially numbered from 2 to 8 below treating them as a combined head of account.

Sl. No	Head of expenditure	PROJECT ALLOCA - TION (Amt. in Lakhs)	Expenditure incurred up to 30-06-2015 (Amt. in Lakhs)	Forecast for next 4 months. (Amt. in Lakhs)				
				July	Aug	Sep	Oct	TOTAL
1	Procurement	562.50	487.40	20.65	54.45			562.50
2	Assistant ship	250.00	253.91	8.59				262.50
3	Research & Development	62.50	39.18	5.50	7.82	5.00	5.00	62.50
4	FSD	125.00	127.50	2.50				130.00
5	III Cell	62.50	48.82	3.75	4.00	5.93		62.50
6	Capacity Development	25.00	19.28	3.72	2.00			25.00
7	Reforms	12.50	7.51	2.50	2.49			12.50
8	Student Support	25.00	5.63	10.40	8.97			25.00
9	IOC	125.00	81.24	7.50	7.50	7.50	3.76	107.50
TOTAL		1250.00	1070.47	65.11	87.23	18.43	8.76	1250.00

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10. Status of Expenditure incurred under COE as on 30.06.2015

The committee noted the following status of expenditure under the COE and noted that the progress under the heads namely: R & D, FSD and IIIC needs some more attention to augment the progress and asked the PIs to initiate necessary steps in this regard.

Sl. No.	Head of expenditure	Allocation (Rs. In lakhs)	Amount spent as on 30.06.2015 (Rs. In lakhs)
1	Procurement	275.00	141.23
2	Assistantships	50.00	10.88
3	R&D	50.00	4.39
4	Faculty & Staff Development	50.00	2.19
5	III Cells	25.00	0.94
6	IOC	50.00	14.23
	TOTAL	500.00	173.86

11. Seeking approval to place purchase order for X-Ray Diffractometer (XRD) System/ Equipment under the component 1.2.1 [COE in Advanced Materials Research]

The BOG subcommittee perused the following details with regard to procuring the XRD for the COE.

- 11.1 The BOG subcommittee in its seventh meeting held on 11.9.2013 accorded approval to initiate the process of procurement of X-Ray Diffractometer (XRD) System through NCB. Procurement of X-Ray Diffractometer (XRD) System was initiated through NCB on 10-10-2013 and the bids were opened on 12.11.13. Two firms have submitted their bids. (i) M/s.IR Technology Services Pvt Ltd had quoted for Rigaku Model Ultima IV at a price of Rs.92,85,200/- and (ii) M/s. Spectris Technologies Pvt Ltd quoted for PANalytical Model X'pert³ at price of Rs.1,00,88,710/-.
- 11.2 The minutes of the 6th, 7th and 8th meetings of the BOG subcommittee were approved & ratified by the BOG in its 54th meeting held on 13.1.14. The BOG in the said meeting noted that the bids received towards the procurement of Scanning Electron Microscope [SEM] and X-Ray diffraction analyser [XRD] have resulted in escalation in price to the extent of 150% of the estimated price and ordered for cancelling the previously called NCBs. The BOG also observed that the equipment SEM and XRD are technologically complex, only few manufacturers are available and all the manufacturers are outside India and hence there is limited scope for receiving bids from indigenous sources. In the said meeting, the BOG accorded approval to re-initiate the procurement process through

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ICB/LIBs for these two items and the two earlier NCBs were cancelled on 10.2.14. **The BOG has also agreed to sanction additional grant of Rs.30 lakhs from the management funds, in the event of any shortage of funds for procurement of equipment.**

- 11.3 The BMSCE through PMSS, sought permission of the NPIU on 28.2.14 for initiating fresh procurement process through International Competitive Bid (ICB). In response the NPIU advised the college on 03.03.2014 to opt for LIB if it is feasible to justify its use in the cases under consideration, failing which the college shall proceed with NCB only.
- 11.4 The BOG subcommittee in its 10th meeting held on 26.5.14 perused the report of procurement committee for the COE dated 19.5.14 and directed the concerned to re-initiate the process for SEM & XRD through LIB. Subsequently, the college received a communication from the NPIU dated 15.5.14 resetting the thresholds for different modes of procurement that was silent on the mode of procurement through LIB and hence the process through LIB could not be continued for want of further directions from the BOG.
- 11.5 The BOG subcommittee in its 11th meeting held on 10.09.14 noted that the NPIU has issued a circular dated 15.05.14 by resetting the thresholds for various modes of procurement and thereby the items costing below Rs.150 lakhs have to be procured only through NCB. The subcommittee of the BOG accorded approval to initiate the NCBs for SEM & XRD. The decision was ratified & approved by the BOG in its 56th meeting held on 22.09.14.
- 11.6 The college could re-initiate procurement process for SEM through NCB on 22.09.14. But could not complete the same for XRD, as the PMSS did not permit re-initiation of procurement process for XRD, citing the reason that the total cost of items for which procurement was initiated, exceeds the total allocated budget for procurement under the TEQIP (Components 1.2 and 1.2.1 together), based on the estimates made.
- 11.7 The procurement nodal officer has taken up the issue with the officials of NPIU and requested them to intervene in the matter and remove the technical hurdle of PMSS and permit the college to re-initiate the process for XRD. Meanwhile, the Coordinator & Principal investigator of the COE opined to complete the process for SEM first and then initiate the process of XRD after getting clarity on the availability of funds under COE.

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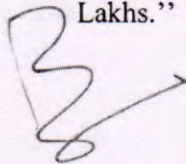
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- 11.8 However, the NPIU cleared the technical constraints for including XRD in PMSS. The SPFU and NPIU approved the item in PMSS as NCB package on 18.02.2015 to proceed further. After receiving the clearance in PMSS from the NPIU, the process of NCB was re-initiated on 10.03.2015
- 11.9 The bids were opened on 08.04.2015 as per the schedule and it's noted that the same two bidders M/s.IR Technology Services Pvt Ltd and M/s. Spectris Technologies Pvt Ltd have submitted the bids. M/s.IR Technology Services Pvt Ltd had quoted for Rigaku Model Ultima IV at a price of Rs.63,64,250/- and M/s. Spectris Technologies Pvt Ltd quoted for PANalytical Model X'pert³ at a price of Rs.70,79,424/-. The bid of M/s.IR Technology Services Pvt Ltd was considered commercially and technically non-responsive and M/s. Spectris Technologies Pvt Ltd was considered responsive.
- 11.10 At this stage of Bid Evaluation, the matter was referred to NPIU & SPFU seeking pre-order approval on 09 May 2015. On 5th June 2015, the NPIU asked the SPFU to verify the procurement procedure carried out by the institution and to communicate the detailed information/action/suggestion on the issue. In this regard, on 8th June 2015, the SPFU visited the college and verified the documents pertaining to the procurement procedure followed till date. Further the SPFU on 16th June 2015, sought justification on their observations: (i) the proposed equipment has been included in the Institutional Development Plan (IDP) of COE at an estimated cost of 35 lakhs. (ii) The specification intended in the IDP have been enhanced to higher specification at a cost of 70 Lakhs.

The SPFU in its communication stated the following:

“After going through the documents produced by the institution, it is obvious that the procurement initiated first time in November 2013 is not yet complete till date with two procurement calls being cancelled and the 3rd in progress; and almost one and a half year valuable time has been lost. It is obvious that market survey and finalisation of specification were not properly leading to undue delay in procurement.

Further, delay in procurement of the proposed equipment is likely to affect the final outcomes expected from COE. Therefore, the institution is advised to go ahead with the procurement provided the coordinator of COE submits through the Principal the detailed justification in terms of advantages and outcomes likely to be achieved at the end of the project with enhanced specifications costing approximately Seventy Lakhs compared to the originally proposed lower specifications costing about Thirty Five Lakhs.”



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- 11.11 The Coordinator of the COE, Dr. M. Ramachandra has submitted the justification on 17th June 2015 that the enhancement in specification to Floor mounted High resolution XRD was to promote the research work on all kinds of materials (including ceramics, thin films, and biomaterials and so on) based on the oral suggestions received from the experts of IISc.
- 11.12 The SPFU on 20th June 2015 forwarded its observations and justification provided by the Coordinator of the COE, BMSCE to the NPIU seeking the advice of the NPIU for proceeding further with the procurement of XRD system. The SPFU on 26.06.2015, requested the NPIU to permit the institution to issue the purchase order to L1 for procurement of XRD.
- 11.13 The NPIU vide email dated 27th June 2015 expressed that it is in conformity with the decision of SPFU Karnataka that the institution may go ahead with the procurement with proper BOG approval within the framework of World Bank procurement guidelines. Further, the NPIU suggested the college to adhere to the instructions (Conclusion Report) given by SPFU vide e-mail dated 16th June 2015. The institution is also informed to maintain all the relevant procurement documents pertaining to above procurement at the time of post review [Annexure-8].

The committee reviewed the entire procedure followed till date including the change of specifications from desktop model to Floor Mounted Model with an escalated budget of Rs.70 Lakhs. Dr. Martin Jebaraj, Director R&D, BMSCE informed the members that the coordinator implemented the changes in specifications for procuring a Floor Mounted Model considering its advantages over the desktop version. He further reiterated that a Floor Mounted Model is very much necessary to conduct advanced materials research for which the COE is intended and Benchtop model has limited applications on advanced materials. Further, he also pointed out that the Floor Mounted Model has the advantage of up-gradation of the system whereas the Benchtop model is not suitable for the up gradation. Considering these aspects, the BOG subcommittee in its earlier meetings approved the procurement of the Floor Mounted Model of the XRD.

After detailed perusal of the records and deliberations which the BOG subcommittee further noted that right from beginning the process was initiated only for procurement of Floor Mounted model of XRD and there were no changes in the specifications once the process is initiated. The committee further noted that in the process of encouraging more competitive bids, efforts are made to initiate the process of procurement through different modes and this caused the delay in completing the process. The committee also noted that the variation in the pricing is largely due to variation in EURO-Rupee exchange rates.

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Considering the above aspects, the BOG Sub-Committee accorded approval to place purchase order with the eligible bidder M/s. Spectris Technologies Pvt Ltd for procurement of XRD (PANalytical Model X'pert³) at a price of Rs.70,79,424/-.

12. Procurement of Scanning Electron Microscope (SEM):

The Nodal Officer, Procurement informed the members that the BOG subcommittee in its 13th meeting held on 20.11.14 has accorded approval to place Purchase Order for the procurement of Scanning Electron Microscope (NCB Package Ref: TEQIP-II/KA/KA204/216) and accordingly the Purchase Order has been issued on 15/12/2014 to the eligible bidder M/s. Advance Scientific Equipment Pvt. Ltd., at the total price of Rs.95,92,153/-. He further informed that the Customs Duty Exemption Certificate (CDEC) dated 28.04.2015 has also been issued and opening of Letter of Credit (LC) is in process. The bidder needs to complete the supply within 120 days from the date of providing CDEC and the supplier is expected to complete the delivery and installation of SEM before 28.8.2015. The committee noted the status of procurement of SEM and informed the Principal Investigators to see that the Lab space is kept ready for the installation without any further delay.

13. Unauthorised absence of Mr. Madhusudhan J, Research Assistant under COE

The Committee noted that one of the research assistants appointed at the COE, Sri Madhusudhan J, assisting Prof. Ramachandra M, is absent to his duties since 10th June 2015 without any intimation, causing hindrance to the work. The attempts made by the office of the TEQIP to contact him over phone went in vain, as his phone was out of coverage area throughout. A memo dated 18.06.15 was sent to his residential address giving him an opportunity to report to his duties immediately by submitting an explanation to his un-authorized absence, for which there was no response. His father informed Dr. Ramachandra over phone that Mr. Madhusudhan has no interest to come and rejoin the work.

The committee opined that it is difficult to retain Research Assistants in the projects unless they are in pursuit of doctorate degree. Further, it is understandable that new opportunities attract them to explore their respective domains. The committee accorded approval to terminate his services with immediate effect and arrange for inducting a new person in his place [Annexure-9].

14. Consultancy and IRG Proposals

The committee discussed the proposal on fixing the charges to be levied for extending the equipment procured under COE/TEQIP-II to other academic institutions/industry for the

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purpose of conduction of tests or analysis of the materials etc., the committee suggested for re-submission of the proposal considering the following:

- 14.1 The breakup of the charges should indicate the details of the consumption of other materials in the process, the matrix of hours/day/job based charges.
- 14.2 Available time slots during which the equipment can be utilised either for testing or for consultancy activities without hindering the R & D work & practical classes.
- 14.3 Clear time slots for utilisation of resources by academic/industry personnel with preference to R&D. The mode of handling the revenue generated if any, in such activities.
- 14.4 The committee opined that till a detailed discussion happens and permission is accorded for an action plan for taking up consultancy activities, the committee authorised the Principal to permit the execution of students level (Graduate, Post-graduate & Doctoral) projects at minimal charges.

15. Brief report on the conferences held at the college:

15.1 The 3rd International Conference on Micro Perspectives for Decentralized Energy Supply (MES – 2015):

The committee perused the report submitted by Dr. Suresh Ramaswamyreddy on conduction of the 3rd International Conference on Micro Perspective for Decentralized Energy Supply (MES - 2015) by the college in association with TU Berlin and UC Berkeley. The committee noted that about 121 delegates including 21 student buddies & 40 foreign nationals have participated in the conference. 36 papers were presented orally and five papers were presented through posters, in addition to the 4 panel discussions held. The committee noted that a mini-grid workshop in cooperation with The Energy Resource Institute [TERI] and UNEP, the business plan competition in cooperation with ADB-Energy for All, were held on the side-lines of the MES-2015. The committee also noted Hans-Bockler Foundation and Micro Energy International, ADA Microfinance, Schneider Electric, Karnataka Renewable Energy Department Limited (KREDL), ME SOLshare, New Ventures India, energypedia and Emerge Alliance in addition to TEQIP II have supported the conduction of the said conference. A detailed report is enclosed at Annexure-10.

15.2 The 5th IEEE International Advance Computing Conference - 2015 (IACC-2015):

Dr. Gowrishankar, the steering committee chair for IACC-2105 has submitted a brief report on conduction of the 5th edition of IEEE International Advance Computing Conference at BMSCE on 12th and 13th June 2015 that attracted more than 700 delegates from across the globe including eminent personalities from the world of computing and technology. The committee noted that the conference is held in association with the IT

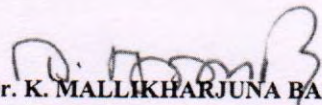
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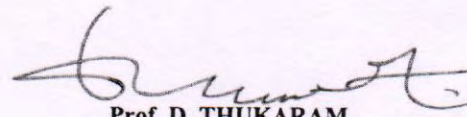
industries namely Extreme Networks, Ruckus Wireless, VMware, Lenovo, Accenture, Binary Systems & Maheshwari Electronics and Dr. K. R. Radhika, Professor of ISE was the general chair of the conference. Dr. Gowrishankar further informed the members that about 345 research papers were presented orally & 25 papers were presented through posters and the papers presented orally are accepted for publication through IEEE Explore.

The conference had a mix of invited expert talks, high-level panel discussions, poster session, and peer reviewed papers with a truly distinguished array of personalities from industry, academia and government from across the world with the theme that focused on cloud based innovations in Social Network Analysis, Artificial Intelligence and Image Processing, High Performance Computing, Advance Computer Networks and Advanced Algorithms. A detailed report is enclosed at **Annexure-11**.

The BOG sub-committee congratulated the co-ordinators, faculty and the staff involved for organising such value based conferences on the thrust areas of research. The committee opined that college shall succeed in achieving the pre-determined outcomes while conducting such workshops/conferences to meet the targets of the TEQIP II.

The meeting concluded with a vote of thanks to the Chair.


Dr. K. MALLIKHARJUNA BABU
PRINCIPAL and CONVENOR


Prof. D. THUKARAM
CHAIRMAN

MANAGEMENT CAPACITY ENHANCEMENT PROGRAMME

I I M , INDORE

A BRIEF REPORT

BY
DR. K. GURUPRASAD

16.07.2015 TO 22.07.2015

MANAGEMENT CAPACITY ENHANCEMENT PROGRAMME

Grievance Management and conduct rules

Case studies related to grievances and interpretation and applying of conduct rules was deliberated

Managing Discipline

Behavioral through Milgram experiments and through committees was discussed

Financial Management-1

Accounting and its classification as also assets and liabilities were taught

Cloud Computing

Software testing and its testing flow, standards were covered. Cloud history, concept, advantages, threats and its future was discussed

Disciplinary proceedings

Role play was done by participants to illustrate a case study related to principle of natural justice

MANAGEMENT CAPACITY ENHANCEMENT PROGRAMME

People skill and Interpersonal effectiveness

Tools like FIRO-B discussed. Understanding Inter personal skills were discussed

Marketing of educational services

Value creation, point of parity and point of difference were discussed

Stress Management through Sahajayoga

Reasons for stress ; removal of stress through sahajayoga was practiced

Effective communication

Both verbal and nonverbal communications were discussed through case studies

Spread sheet simulation for decision making

Budgeting challenges for arranging conferences were discussed through spreadsheet

Persuasive communication skills

Basic laws of influence like law of scarcity, reciprocity, authority, liking, social proof, commitment and consistency were discussed

Team building

Teambuilding, its challenges and management was taught through variety of games

MANAGEMENT CAPACITY ENHANCEMENT PROGRAMME

Financial Management-2

Using a case study Financial Analysis was taught

How to be a good administrator

The topic was deliberated upon using various examples

Leadership

Effectiveness of a team was taught through a game/activity

Performance Management

Factors affecting the performance appraisal of a faculty/ organization was discussed

RTI

Role of PIO, Appellate authority and RTI commission in providing information to public was discussed

MANAGEMENT CAPACITY ENHANCEMENT PROGRAMME

Good Governance in Higher education

Good governance prevailing in IIMs, IITs and foreign universities was discussed

IT for organizational performance

Impact of IT on organizational performance and its influence was deliberated

Innovation in teaching and research

How to create an environment for creating innovative minds was discussed

Case studies in innovations were presented

Managing change

Importance of change in an organization and how to cope up the change through caselets

Pedagogy in management teaching

Creative methods using of caselets, stories, roleplay and simulation were discussed



BMS College of Engineering, Bengaluru

Learning outcomes of

Management Capacity Enhancement Programme for
Administrative Heads of Higher Education Institutions
held during

18-22 August 2014

at

Indian Institute of Management, Bangalore

Presented by

Dr. S. Muralidhara, Dr M S Dharmaprakash and
Dr. C Lakshminarayana

Students:

- Students and alumni should be heard as often as possible
- Less than 75% attendance will reduce the grade point by one (At IIMB grade points are on 4 point scale).
- A day after graduation day, passing out students are heard (both positive and negative opinions) by deans and administrators which enables authorities to address issues for improvement.
- Lot of emphasis is given to educate students on morality and ethics Enforcement through tough code of conduct.
- Assignments and research papers submitted by students and research scholars are checked for plagiarism using the software Turnitin. Any plagiarism is viewed seriously and even end with rustication
- Every two years curriculum is being changed/upgraded

Enterprise Resource Planning (ERP):

- At IIMB, all the academic and administrative activities are automated through ERP (Including evaluation and grading of students' performances)



भारतीय प्रबंध संस्थान बेंगलूरु INDIAN INSTITUTE OF MANAGEMENT BANGALORE

Management Capacity Enhancement Programme for Administrative Heads of Higher Education Institutions (18-22 August 2014)

Programme Directors: Prof. Rajendra B. Randi, Prof. Rajkumar S. Murthy

Senior General Facilitator

Day	Time	Session 1	Session 2	Session 3	Session 4
Monday	8 Aug-14	Overview	Managing Academic Institutions	Accounting & Managing	
Tuesday	9 Aug-14	Academic Administration	Academic Administration	Financial Management	
Wednesday	20 Aug-14	Education & Governance in Academic Institutions	Introduction to Legal Perspectives	Human Resource Management	
Thursday	21 Aug-14	Corporate Communication & Branding	IT Infrastructure & Innovation	Support Systems	
Friday	22 Aug-14				

Executive Director	Prof. Rajendra B. Randi, Prof. Rajkumar S. Murthy
Managing Academic Institutions	Dr. Muralidhara
Academic Administration	Dr. Muralidhara
Accounting & Managing	Dr. Muralidhara
Financial Management	Dr. Muralidhara
Education & Governance in Academic Institutions	Dr. Muralidhara
Introduction to Legal Perspectives	Dr. Muralidhara
Human Resource Management	Dr. Muralidhara
Corporate Communication & Branding	Dr. Muralidhara
IT Infrastructure & Innovation	Dr. Muralidhara
Support Systems	Dr. Muralidhara

Faculty:

- Peer pressure on faculty will enhance performance. Student feedback and peer reviews are made public (i.e. among faculty members only and not among students)
- Performance of a faculty member on the research front is also reviewed periodically.
- Faculty work report will have all the details of scores on performance in teaching, research and service with weightage of 40: 40: 20.

Brand Building:

- Brand building is being done through digital media. It is very essential to open college face book account and Twitter account and brand building is possible through students and alumni network.

To achieve excellence in education, excellent educational system comprising pure academic administration (Faculty), academic oriented admin (Labs, Library, comp centre etc.) and general admin (Office) should be in place. Amongst the above, academic administration needs to be given priority.

The following are some of the best practices followed at IIMB, which they claim are responsible for the present ranking of IIMB.

Stakeholders:

Understand and engage with stake holders through :
Providing information about the Programme and raising the awareness of relevant issues, through formal and informal meeting processes.



भारतीय प्रबंध संस्थान बेंगलूरु INDIAN INSTITUTE OF MANAGEMENT BANGALORE

Executive Education Programmes

Management Capacity Enhancement
Programme for Administrative
Heads of Higher Education Institutions
August 18-22, 2014



IIM Indore Management Capacity Enhancement Program

Duration 7 Days
16th July- 22nd July 2015

Dr.Seshachalam
HOD, Dept. of EC

Whatever we teach should be for future
use of students, not only for today

Pedagogy in Management and learning management by stories
by Kamal K Jain

Every pedagogy we use should not kill creativity but support it
Where as every task we assign should throw them critical thinking
Peer learning is happening today

Faculty should have clarity on delivery methods

Lecture Method :

Case Method :

Simulation based:

Role play method

All methods are complementing each other

Topics Covered

- People skill and interpersonal effectiveness
- Marketing of educational services
- Campus visit
- Stress Management through Sahajayoga
- Effective communication
- Learning through stories
- Spread sheet approach simulation for decision making
- Persuasive communication skills
- Team building
- Good Governance in Higher education
- IT for organizational performance
- Innovation in teaching and research
- Innovation in teaching and research

Thanking you

- Management and Principal BMSCE
- Vice principal (TEQIP_II Principle coordinator)
- SPFU and NPIU
- IIM INDORE

Topics Covered

- Managing change
- Pedagogy in management teaching
- Grievance Management and conduct rules
- Managing Discipline
- Financial Management-1
- Cloud Computing
- Cloud Computing
- Disciplinary proceedings
- How to be a good Engineering Teacher
- Financial Management-2
- How to be a good administrator
- Leadership
- Performance Management
- RTI



**ACADEMIC LEADERSHIP PROGRAM
IIMK**

Mar-2nd to 7th, 2015

**B V RAVISHANKAR
Professor
Dept. of Civil Engg**

Cont.....

- Compete with emerging global challenges
- Migrate smoothly from a factor driven to innovation driven.
- Infrastructure, Quality of Faculty, outdated curricula, Regulatory Compulsions, General disinterest among students or Evaluation Methods.
- Challenges to address 21st century students

Objectives

- Why Academic leaders
- Need for Great Institution
- Team building
- Strategic Challenges to Edn. Institutions
- Identification of Institutional problems
- How to handle 21st Century Students



Out Comes

- High performance of Institution
- Global Compulsions
- National Paradoxes
- Regional Challenges
- Teams are especially appropriate for conducting tasks that are high in complexity and have many interdependent subtasks

THANKU

Management Capacity Enhancement Programme for Administrative Heads of Higher Education Institutions

11th – 23rd 2013 (2 Weeks)

Conducted by



INDIAN INSTITUTE OF MANAGEMENT
BANGALORE

Report submitted by
Dr. Suresh Ramaswamyreddy,
Professor
Department of Civil Engineering

Day 1	Team Building (Out Bound) - Break Through	Importance of team work ,How to build a team
Day 2	Managing Academic Institutes- Prof. B. Mahadevan	Administrative skills to run an Institute
	Legal Perspectives Prof. Anil B Suraj	Plagiarism & its effects, Legal aspects (action) related to employees
Day 3	Leadership – Prof. Ramya Ranganathan	What are the qualities of a leader? How to develop these qualities
Day 4	ICT -Prof. Rajendra K Bandi	ERP Solutions
	Managing Human Resources- Prof. Mahalingam	Head hunting, motivating the people.
Day 5	Environment Friendly campus- Prof. Rajlakshmi K Murthy	Sustainable Technologies, Use of locally, low cost materials.

Day 6	Managing Commercial contracts - S Krishnamurthy	Importance of AMC, How to get the tax rebates
Day 7	Financial Management- prof. MS Narasimhan	Budgeting
Day 8	Alumni Relations Mr. Rakesh	Relation between the Institute & the Alumni
Day 9	Understanding Stake holders - prof. Avinash G Mulki	Expectations of Stake holders
Day10	Library Services – Rama Patnaik	Use of Library softwares
day 11	Ethics & Governance- Prof. DVR Sheshadri	Importance, its use in good governance
Day 12	Academic Administration- Prof. B. Mahadevan	Duties and responsibilities of faculty

Thank You

Management Capacity Enhancement Programme for Administrators

(27th to 31st July 2015)

Indian Institute of Management, Lucknow
(Noida Campus)

Presentation by :

S Girish,
Professor, Department of Civil Engineering,
BMSCE, Bangalore

Outcome of the Programme

- How it was aligned with the Institute ????
- How it has helped you to be effective ????
- Action plan if any !!!!!

Mission of our Institute

Accomplish Excellence in the field of Technical Education through Education, Research and Service needs of society

Higher Education globally is undergoing a process of reform.....

- Growing Globalization and Partnerships. Greater Competition (For performance, attracting quality students/faculty)
- Growing Privatization and Private institutions. Competition from "new vendors" with the state of the art facilities
- Gradual withdrawal of support from Governments and focus on self-generation of resources
- Growing need for and use of information technology and Growing need for life-long learning
- Changing public views of, and changing government attitudes towards higher education
- Global challenges - Social, economical, political, regional, migration of population, environmental degradation etc - Added with greater accountability

To face the Global challenge and the standards and to EXCELL in the field of education needs continuous training of the faculty

Indian Scenario in Higher Education

Reference (Source : Article in INDIA TODAY 31st August Issue)

207 private universities compared to 45 central university 329 state university and 128 deemed university

- 65% higher educational institutions in private sector
- 60% college going students are enrolled in private institutions
- 2013-14 - Education industry was worth 62.34 billion dollars and by 2018 - 115 billion dollars
- From April 2000 to September 2014 education sector in India received FDI worth 964 million dollars.

Need to understand some of the Challenges in Higher Education

- Need for shift in methods of teaching and the tools deployed for OBE
- Diverse curriculum that imparts multi-skills of learning relevant to job skills alongside traditional subjects. Emphasis on interdisciplinary research with centers of excellence.
- Co curriculum activities with students to participate in some form of internship or service learning programme
- Industry driven curriculum along with International collaboration (faculty and students in the latest tools and techniques in pedagogy)
- Soft skills such as foreign Language and business communication
- LabView - students and researchers to perform virtual experiments
- Brand building

Action Plan

Design Course with Industry driven requirements

Develop Research culture among students and choose Projects which are industry related /sponsored with societal values

Encourage students for short Industrial Training and enhance their employability

Encourage the students to be in Scientific forums /societies, cultural activities etc to instill a sense of leadership and experience of working in a team

Encourage the students for hands on experience with mini projects/seminars/surveys/case study analysis / small group activities and societal extension activities.

Encourage the students for online modules / course materials activities

Attempt for Collaborative research and improve Competence in Research and also in teaching deliverables

Attempt for industry institute interaction in the form of lectures, collaborative projects and consultancy.

Academic Leadership Program for TEQIP
Institutions, February 02-07, 2015
Conducted by IIM Kozhikode

By
Dr. Ravishankar Deekshit
Dr. Ravikumar L

A Brief Report
26-08-2015

1 WHAT IS CAPACITY BUILDING?

Capacity is a party's ability to solve its problems and achieve its objectives.

Capacity building includes the development of:

- Ability to meet human needs
- Basic infrastructure
- Institutions
- Community
- The economy

Individual

the process of equipping individuals with the understanding, skills and access to information, knowledge and training that enables them to perform effectively

Organizational

the elaboration of management structures, processes and procedures, not only within organizations but also the management of relationships between the different organizations and sectors (public, private and community)

Institutional

making legal and regulatory changes to enable organizations, institutions and agencies at all levels and in all sectors to enhance their capacities

Academic Leadership Program for TEQIP Institutions, February 02-07, 2015 Conducted by IIM Kozhikode

OUTCOMES:-

- The program covered diverse topics aimed at enhancing academic leadership in technical institutions.
- Various aspects of learning that enable faculty to provide a quality orientation and systems level thinking were discussed.
- The factors that qualify an institution as 'world class' were highlighted through video presentations and discussions.
- The importance of managing public relations and institutional branding in the present era was highlighted.
- The reasons for lack of excellence in educational institutions were debated upon.
- The importance of having a purposeful Vision and Mission, considering global challenges in the 21st century, and linking this with the Strategic Plan of the institution was emphasized upon

Learning Outcomes

Be able to explain the general principles of the **Integrated Competing Values Framework (ICVF)**, a leadership measurement tool, to gauge personal leadership capabilities.

Understand the importance of 360° appraisal in leadership development (using the ICVF). Explore the value of peer coaching as a component of an overall leadership development strategy.

The ICVF conceptualises academic leadership as:
Having competing demands (paradoxical)

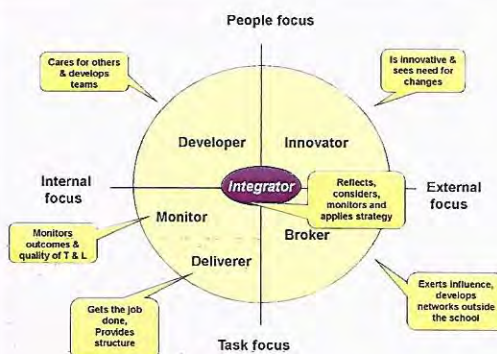
Requiring behavioral and cognitive complexity

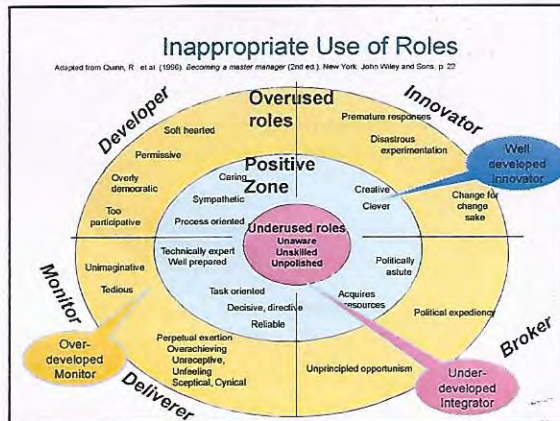
Involving critical observation

Involving reflection and learning

Academic Leadership Program for TEQIP Institutions, February 02-07, 2015 Conducted by IIM Kozhikode

- The role of faculty in the Teaching-Learning interaction and the development of a good academic culture by analyzing the values and beliefs in the organization was discussed.
- The application of MIS and ERP for effective decision making and improved organizational intelligence was explained.
- The use of pedagogical tools like MOODLE etc., for effective T-L-P was described. Enhancing research potential, entrepreneurship skills and leveraging alumni network for organizational improvement was stressed upon.
- Techniques for development of several soft skills including communication and behavioral skills, managing interpersonal skills and conflicts, time management and self discovery were presented in an excellent manner.





Completing the iCVF

- Select individuals whose opinion you value and respect
- Select a robust sample
- Explain the purpose – development and learning
- Assure them of confidentiality
- Be available to answer questions
- Remind them
- Thank them

The road to mastery

From novice to expert...

Novice:
Learn facts and rules

Advanced beginner:
Apply the rules and
Discover certain basic patterns

Competence:
Develop your own rules-of-thumb and
Engage in calculated risks

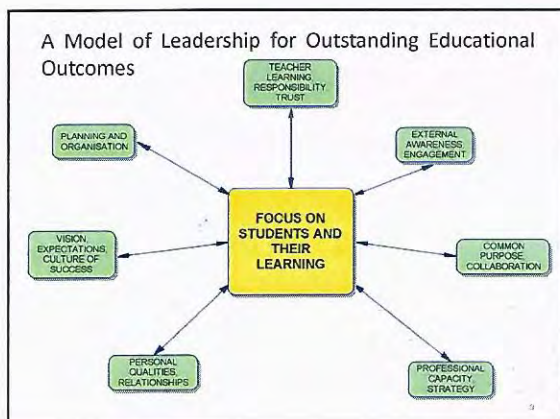
Proficiency:
Calculation and analysis disappear – you unconsciously “read” the situation

Expertise:
Adapt to constant change, and
Intuitively acts upon different situations appropriately

Chapter 16: Integration and the road to mastery
Quinn et al. (2007). *Becoming a master manager: A computing online approach*. NJ: John Wiley & Sons, Inc.

MYERS-BRIGGS TYPE INDICATOR

- Helps you identify your unique gifts
- Helps you understand yourself
 - Motivations
 - Natural strengths
 - Potential areas for growth
- Helps you understand and appreciate people who differ from you
- Helps you begin the career exploration/growth process.



Thank You

MANAGEMENT CAPACITY ENHANCEMENT FOR ADMINISTRATORS

IIM LUCKNOW, NOIDA CAMPUS
JULY 27-31, 2015

Dr. Rathanraj K J
Professor and Head, Department of IEM,
BMS College of Engineering, Bengaluru - 560019

PHOTOGRAPHS



LEARNING OBJECTIVES



- Develop a holistic perspective of the role of an academic administrator
- Be aware of best practices in governance of faculty-driven academic institutions
- Be more equipped to handle challenges of strategic, administration and operational leadership
- Develop an approach to effectively influence internal and external stakeholders

CHALLENGES FACED BY THE AIDED TECHNICAL EDUCATION IN INDIA

Dr. Rathanraj K J, BMSCE, Bengaluru
Dr. Girish S, BMSCE, Bengaluru
Dr. C. Nataraju, SJCE Mysuru
Dr. M. H. Sidram, SJCE, Mysuru
Dr. S. K. Mahabaleshwar, BEC Bagalkot
Dr. Kodabag, M. M., BEC Bagalkot

HIGHLIGHTS

- Management of contracts by Prof. C L Bansal
- Brand Building by Rajeev Verma
- Capacity building through technology – project techno-vision by Prof. Kushal Sen
- Governance and leadership by Punam Sahagal
- Persuasion and effective communication by Prof. Neeraj Pande
- Academic systems, process and performance : analysis of a university by Manoj Anand

AIDED TECHNICAL EDUCATION

- The Grant-in-Aid (GIA) higher education sector in Karnataka, India, is an example of a well-established public-private partnership (PPP).
- The private sector establishes and runs GIA colleges; the public sector regulates these and provides recurrent expenditure (usually in the form of 85 per cent subsidy for teaching and non-teaching salaries).
- The administrative unit is the state itself, not districts or regions
- College management makes up the rest. (This is apparently because 15 per cent of seats are 'management seats' in the college, open to higher fees.)

CHALLENGES

- Growing globalization and partnerships
- Growing need for and use of information technology
- Competition from "new vendors"
- Growing need for life-long learning
- Growing financial pressures and constraints including decreasing state support and increasing internal costs
- Social, economical, political, ideological, religious and cultural pressures
- Changing public views of, and changing government attitudes towards, higher education
- Global challenges, including increasing disparities in wealth, growth in the population and migration, environmental degradation.

THANK YOU

ISSUES

- Increasing cost
- Improved patterns of governance
- Restructuring, including possible unbundling of functions, growing commercialization, mergers and new providers
- Growing new pattern of collaborations
- A reluctant attempt to address "structural inefficiency"
- Some expect these changes to be revolutionary and transformative involving "paradigm shift". While others saw these as likely to be more gradual and incremental

BOTTLE NECKS

- Lack of industry institute interaction
- Partial flexibility in forming curriculum
- Constrained to work within the aided norms
- Constraints for time bound promotion under aided norms
- Lack of Grievance Redressal system
- Requirement of Finishing Schools

**ACADEMIC LEADERSHIP PROGRAMME at IIM
KOZHIKODE(2nd to 7th of March-2015**

Dr. MAYA NAIK ,PROFESSOR
DEPT OF CIVIL ENGG,BMSCE,BANGALORE-19

All the issues related to enhancing the capabilities of technical education in India towards world class institutions were discussed. The following are some of the gist that emerged in the training programme

- To achieve excellence in education, excellent education system comprising pure academic administration and general admin (office) should be in place.
- Amongst the above, academic administration needs to be given top priority.
- Each project institution is required to establish a governance model that will hold the institution accountable to all stakeholders.

**ACADEMIC LEADERSHIP PROGRAMME at IIM
KOZHIKODE(2nd to 7th of March-2015**

- Networking of institutions, faculty training are needed to be conducted often.
- Faculty work report will have all the details of scores on performance in teaching, research and service.
- Student and alumni should be heard as often as possible.
- Two year once the curriculum need to be changed/upgraded.
- After every graduation day, passing out students are to be heard(both positive and negative opinions) by deans and administrators which enables authorities to address issues for improvement.

**ACADEMIC LEADERSHIP PROGRAMME
at IIM KOZHIKODE(2nd to 7th of March-2015**

- To delegate suitable academic, financial and administrative powers to various institutional functionaries to stream line the running of the institution by framing rules and procedures for accountability at each level
- Catch the students early for orientation programme and find the strengths of the students in the that programme.
- Peer pressure on faculty will enhance performance, student feedback and peer reviews are made public.

**ACADEMIC LEADERSHIP PROGRAMME at
IIM KOZHIKODE(2nd to 7th of March-2015**

Less than 75% attendance will have to reduce the grade point by one(at IIM it is practiced).
Lot of emphasis is given to educate students on morality and ethics (enforcement through tough code of conduct.)
Assignments and research papers submitted by students and research scholars are checked for plagiarism using the relevant software. Any plagiarism is viewed seriously and even with rustication.

ACADEMIC LEADERSHIP PROGRAMME at IIM
KOZHIKODE(2nd to 7th of March-2015

The following topics were covered during above training programme.

- Academic leadership in technical institutions;
- Creating world class institutions;
- Strategic visioning and development workshop;
- Branding of TEQIP institutions;
- Understanding discovering self;
- Academic leadership qualities for meeting today's higher education challenges-self-appreciation.
- Managing interpersonal relations;
- Time and stress management for education administrators.

THANK YOU

ACADEMIC LEADERSHIP PROGRAMME at IIM
KOZHIKODE(2nd to 7th of March-2015

System thinking and quality orientation in academic institutions;

Getting research published;

Leading academic institutions;

Managing interpersonal conflicts in educational environment;

Communication and behavioral skills towards students;

Organizational skills;

Managing change;

Entrepreneurship;

Team work and team handling;

Brief presentation on the program attended on

**Academic Leadership Programme for TEQIP
Institutions**

@ IIM Kozhikode, Kerala
March 02-07, 2015

by

Dr. G. Giridhara
Professor, Dept. of Mechanical Engg.,
B.M.S. College of Engg., Bengaluru-19

*The Topics covered during the Training programme
are*

- Governance model – Board of Trustees
BOG
Academic council
- Academic administration - Faculty
- Academic oriented administration
 - Laboratories
 - Library
 - computing facilities etc.
- General administration
 - Individual accountability is must

- *Brand building of the Institution*
- Managing interpersonal relations;
- Time and stress management for education administrators.
- Entrepreneur Development cell
- Industry – Institution interaction
- Collaboration with R&D institutions
- Identify the strengths of the Faculty
 - Teaching
 - Innovations
 - Research and Development
- Publishing high quality research papers in peer reviewed Journals
(Plagiarism must be checked for all articles and project reports)

- Innovative teaching methodologies
 - Labs Integrated with theory
 - web learning, e-class rooms
- Examination & Evaluation system – be fair
- Faculty – Feed back system by students
- Departmental Activities
 - BOS – curriculum
 - Encourage faculty for FDP, QIP
- Stake holders – Feed back from
 - Industries, Parents and Students, Alumni
 - (reg. syllabus, Human resources, infrastructural facilities, general amenities)

- Managing interpersonal conflicts in educational environment
- Communication and behavioral skills towards students
- Inculcate Ethics and Morales in every individuals
- Remedial coaching for weak students
- *Leadership – Inspiring and guiding the people*
- Power of initiative
- Be good listener
- Managing team performance
- Team building through fun games
- Think Globally and act locally

The following are few conclusive remarks emerged in the training programme

- To achieve excellence in education, excellent education system comprising pure academic administration and general admin (office) should be in place.
- Catch the students early for orientation programme and find the strengths of the students in the that programme.
- Student feedback and peer reviews are made public.
- Networking of institutions, faculty training are needed to be conducted often.
- Curriculum need to be changed/upgraded for every two years once.
- Educate students on morality and ethics.
- Research papers need to be checked for plagiarism using the relevant software.

Acknowledgements

My sincere thanks to the Board of Management, Principal, Vice principal and Coordinators of TEQIP for giving me an opportunity to attend the program.

I would like to place on record, my sincere gratitude to TEQIP-II program for providing financial assistance to attend this program.

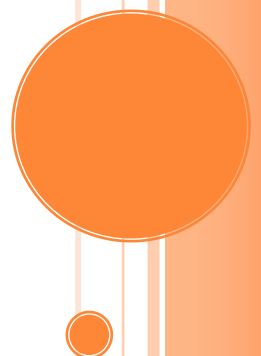
Thank You



BMSCE
ESTD.1946

GOOD GOVERNANCE DOCUMENT

Enhancing the capabilities of Engineering Education



CONTENTS

No.	TOPIC	PAGE No.
1	BMSCE History	
2	Vision & Mission	
3	Principles of governance and management	
4	The role of members of the governing body, including the principles of good behaviour and the need to avoid conflicts of interest	
5	The role of the Chair and of the Head of the institution, and the relationship between them	
6	Appointment of the Chair and the Members	
7	The committee structure and the scheme of delegation to those committees	
8	The definition of primary accountabilities and the governing body's approach to them	
9	Openness and transparency	
10	Key attributes	
11	Effectiveness and performance review	
12	Regulatory compliance	

About the Institution

BMS College of Engineering (BMSCE) was Founded in the year 1946 by Sri.B.M.Sreenivasaiah a great visionary and philanthropist and nurtured by his illustrious son Sri.B.S.Narayan. BMSCE is the first private sector initiative in engineering education in India. Started with only 03 undergraduate courses, BMSCE today offers 13 Undergraduate & 16 Postgraduate courses both in conventional and emerging areas. 15 of its Departments are recognized as Research Centers offering PhD/M.Sc (Engineering by Research) degrees in Science, Engineering, Architecture and Management. Modernization, increased size and sophistication have not changed the basic philosophy of education at BMSCE. During the year 2015, BMSCE is entering 70th year of its journey in promoting engineering education. To commemorate the event, the Institution has lined up seven International conferences and several student centric events.

Salient Features

- First private engineering college established in the Country
- Aided by Government of Karnataka
- First Institution in the state bestowed with NBA Accreditation in Tier I Format (Washington Accord)
- Accredited with A Grade by NAAC with CGPA of 3.41/4.00 (Valid up to 2018)
- Affiliated to All India Council of Technical Education(AICTE), New Delhi
- Affiliated to Visvesvaraya Technological University(VTU), Belagavi, Karnataka
- Approved by Council of Architecture (COA), New Delhi
- Included under section 2f and 12B of the UGC Act 1956
- Approved as QIP Centre in Engineering & Technology by AICTE, New Delhi
- TEQIP Phase I and Phase II Institute(World Bank Funded Project)
- Partner institution of the Melton Foundation, USA which advocates Global Citizenship
- Granted Permanent Affiliation status by VTU, Belagavi, Karnataka
- Self-financing programmes
- Committed and supportive Management
- Qualified, Experienced & Dedicated faculty and staff
- Faculty Gender ratio 50:50

The College has the distinction of attracting meritorious students. BMSCE is the most preferred destination not only for students of the state but also from various parts of the Country. The College has one of the largest student populations amongst engineering colleges in Karnataka. Currently about 5000 students are pursuing their higher education at BMSCE.

The academic performance of the students has been exceptional. More than 90% of the students secure first class/distinction. The Institution has an excellent Placement and Recruitment Cell. 90% of the eligible students are getting placed every year. The Institution has well-Qualified, Experienced & Dedicated faculty and staff members. BMSCE has the most advanced laboratories for practical training, state of the art computing facilities, spacious classrooms with good furniture and A/V aids, Wi-Fi campus and 24x7 internet facilities in the departments and hostels. The Institution has Collaborative & Extension Activities by way of MOUs with various Governmental and Non-Governmental organizations for fostering Academic/ Research/ Innovation. A strong alumni base of over 30,000, most of them occupying coveted positions in various Educational, Industrial and Research organizations. The college is being ranked consistently among the top engineering colleges in the country by surveys conducted by various media sources.

VISION AND MISSION

VISION Promoting the prosperity of mankind by augmenting human resource capital through quality technical education & training.

MISSION Accomplish excellence in the field of technical education through education, research and service the needs of society.

GOVERNANCE

BOARD OF GOVERNORS

The administration is overseen by the Board of Governors (BOG). The BOG approves the Strategic Plan, the Vision & Mission, Short Term and Long Term goals and the Budget based on the Strategic Plan. The implementation of the vision and plan is executed with the support and involving all the major stake holders. The BOG ensures that all decisions on the matters such as Admission quality, new programmes, infrastructure, Teaching Learning Process and Placements are arrived at based on the fundamental concerns of the Institutions. The BOG meets at least four times in a year.

The BOG, constituted as per the provisions of the VTU Statutes on Autonomous Colleges consists of independent representatives from Government, UGC, AICTE, VTU & Industry. In addition, there are two faculty members (on rotation basis) included as Members of BOG. The Principal is responsible for implementation of the Strategic Plan and reporting to the BOG. The BOG periodically reviews the implementation of strategic plan in tandem with its mission and vision. The BOG has established several committees (both statutory and non-statutory) for maintaining effective and efficient system of control. The CET ranking, placement, results, feedback are some of the important parameters through which the management benchmarks the institution's standing and ensures that the institution is achieving the intended outcome as per its strategic plan.

The BOG has in place a well-knit review system to assess the performance of Head of the Institution, faculty and staff. The Annual Report presented by the Principal is discussed in the BOG meeting. The same is published in the College website. The Institution is also publishing the annual report in print and digital form. The Institution maintains a register of interests of the Members of the Governing Body. The Governing body is conducted in an open manner. The student representatives are often invited to the BOG meetings and their views obtained and duly considered. The Minutes of BOG Meeting(s) are also published in the college website (www.bmsce.ac.in). The relevant information is then shared with HODs, faculty and staff through various meetings/circulars. The BOG ensures compliance to various regulatory bodies like VTU, State Government, AICTE, COA on regular basis.

PRINCIPLES OF MANAGEMENT AND GOVERNANCE

The management is committed and performs the leadership role for effective and efficient **conduct** of teaching and learning process in the college. The responsibilities of the **BOG** and the Management are clearly delineated. The responsibilities of governance include choosing top management leaders (Principal, Deans, HODs, Directors) for the institution, evaluating their performance, authorizing **plans/commitments and evaluating the institution's performance**.

On the other hand, the management has the responsibility for managing and enhancing the overall performance of the Institution. The management bears the responsibility of implementing the systems of governance. While governance is concerned with the formulation of the vision of an organization, and translation of the vision into policy, the management is responsible for making decisions related to implementing the policies. The role of governance is to set the right policy and procedures for ensuring that things are done properly. On the other hand, management implements those policies and procedures in the process of doing things properly. This practice has been followed at BMSCE with governance being handled by the Chairman of the **BOG** and the management being headed by the Principal.

THE ROLE OF THE MEMBERS OF THE **BOG INCLUDING THE PRINCIPLES OF GOOD BEHAVIOUR AND THE NEED TO AVOID CONFLICTS OF INTEREST**

Affirming its commitment to freedom, equality and opportunity, the Board adopts Non-Discrimination policy. The College does not discriminate on the basis of race, color, religion (creed), gender, age, national origin (ancestry), disability, marital status etc, in any of its activities or operations. The Management is committed to provide an inclusive and welcoming environment for all staff members.

Each members of the **BOG** has to sign 'No conflict of interest' statement in accordance with the **institution's** norms. The Members of the **BOG** adhere to the highest level of conduct in carrying out duties and responsibilities which include the obligation to act honestly, in good faith and in the best interests of the Institution and to avoid conflicts of interest. They maintain strictest confidentiality or proprietary information communicated or disclosed as a member of the **BOG**.

THE ROLE OF THE CHAIR AND THE HEAD OF THE INSTITUTION (PRINCIPAL) AND THE RELATIONSHIP BETWEEN THEM

The **BOG** is headed by the Chairman who is responsible for implementing its plans, policies and developmental needs for the benefit of its stakeholders. The Chairman is responsible for strategic leadership and good governance. The Principal being its chief academic and administrative Officer provides leadership for the academic administration and creating an effective environment conducive for learning at the institution.

The Principal also ensures that quality education is imparted to the students and that their holistic development is fostered. In addition, the Principal ensures the all-round development of the institution and achievement of its strategic goals.

Besides, the Principal:

- As Member-Secretary of BOG puts forth proposals in all administrative/academic/finance related matters to the BOG and seeks approval and ensures its apt implementation;
- Assesses the human resources (HR) requirements of the institution and makes recruitments as per the procedures and norms laid down by the BOG;
- As Ex-officio Chairman of the Academic Council advises and guides the Chairpersons of the Boards of Studies (BOS) for framing curricula to match with emerging trends and/or market needs and ensures implementation of the decisions of the Council;
- Acts as a facilitator between external agencies and the Institution;
- Facilitates all the stakeholders to provide the necessary impetus for growth and development of the Institution;
- Ensures that proper administrative and evaluation processes are in place to address the rightful grievances of the students, staff and faculty members;
- As Executive in-charge of all academic and administrative bodies ~~and~~ ensures adherence of all regulations as framed by the BOG;
- Conducts regular meetings among various bodies as necessary, for proper functioning of the Institution;
- Complies in a timely manner in generating and archiving all records and reports required by the various agencies like UGC, AICTE, DTE, VTU, TEQIP and others;
- Promotes accreditation activities and facilitates agencies like NBA and NAAC by complying in time with respect to all records and reports required by them;
- Takes all necessary actions for smooth conduction of examinations;
- Performs any other duties and responsibilities assigned by the Chairman, BOG from time to time.

APPOINTMENT OF THE CHAIR AND THE MEMBERS

The BOG of BMSCE has been constituted as per the Statutes of Visvesvaraya Technological University (of which BMSCE is an Autonomous College) which are framed as per the UGC XI Plan Guidelines. BMSCE being a TEQIP Institution, the constitution of the BOG has also been approved by the State Government. The BOG consists of nominees of the Trust, State Government, UGC, AICTE, Affiliating University and the Industry.

Two Faculty members (on rotation basis) nominated by the Principal also serve as Members of BOG. In addition, the BOG has the provision to associate invitees at its meetings for specific purposes. The BOG interacts with student representatives during its meetings.

The BOG comprises of members with strong academic background and administrative experience. This has vastly contributed to the success of the Institution. The institution is free from political interference. The BOG members devote an average of 80 – 100 hours of their time per year for various developmental activities (both academic and administrative) of the institution.

The nomination/appointment of members of the **BOG** and its Chairman shall be as prescribed in the Statutes of the University (Visvesvaraya Technological University) as detailed in the Table given below:

Composition of the Governing Body:

Number	Category	Nature
3 members	Management	Nominated by the Trust or Management as per the constitution or byelaws, with the Chairman or President/Director as the Chairperson
2 members	Teachers of the College	Nominated by the Principal based on seniority and on rotation basis
1 member	Educationist or industrialist	Nominated by the Management
1 member	UGC nominee	Nominated by the UGC
1 member	State Government nominee	Academician not below the rank of Professor or State Government Official of Directorate of Higher Education/State Council of Higher Education nominated by the State Government
1 member	University nominee	Nominated by the University
1 member	Principal of College	Ex-officio

Term: Two years, except for the UGC/AICTE nominees whose term will be a full six years. Meetings: At least twice a year.

Please revisit VTU Statutes on Autonomous Colleges (Amended 2011)(Section 5.1) and correct the two Tables.

Board of Governors of BMSCE

SNO	Name of the Member with Address	Profession	Designation
1	Dr.P.DAYANANDA PAI Trustee, BMSET, BENGALURU	Managing Director Century Building Industries	Chairman
2	Smt. B.S RAGINI NARAYAN Donor Trustee & Member-Secretary BMSET, BENGALURU	Family of Late B.S.Narayan	Member
3	Sri.K.Jairaj, IAS (Retd) Trustee, BMSET, BENGALURU	Former Addl. Chief Secretary Government of Karnataka	Member
4	Dr.G.N.SEKHAR	Vice Principal & Professor Department of Mathematics BMSCE, BENGALURU	Member
5	Dr.RAVISHANKAR DEEKSHIT	Dean (Academic) & HOD of Electrical BMSCE, BENGALURU	Member
6	Sri. M.KRISHNASWAMY	Project Director, CARTO SAT-2, ISRO BENGALURU 560 017	Member
7	Dr.NIRMAL SINGH SEHRA Mumbai	Principal, Khalsa College, Mumbai	Member
8	Sri. H.U.TALAWAR Trustee, BMSET	Director of Technical Education Government of Karnataka BENGALURU 560 001	Member
9	Prof. D.TUKARAM	Professor of Electrical Engg. Indian Institute of Science	Member
10	Dr.K.MALLIKHARJUNA BABU	Principal BMSCE, BENGALURU	Member Secretary

THE COMMITTEE STRUCTURE AND THE SCHEME OF DELEGATION OF THOSE COMMITTEES

The administration of BMSCE is overseen by the **BOG**, which normally meets four times in a year. The **BOG** has in place several Committees/Sub T Committees in addition to statutory and other committees to continuously monitor the academic and administrative activities of the Institution. The governance committees in place are as given below:

STATUTORY COMMITTEES		
1	S01	Board of Governors (BOG)
2	S02	Academic Council (AC)
3	S03	Board of Studies (BOS)
4	S04	Board of Examiners (BOE)
5	S05	Finance Committee (FC)
6	S06	Board of Appointments (BOA)
7	S07	Building & Works Committee (BWC)

S01. BOARD OF GOVERNORS (BOG)

Subject to the existing provisions in the Byelaws of respective Colleges and Rules laid down by the State Government, the Governing Body of Autonomous Colleges shall have powers to:

1. Fix the fees and other charges payable by the students of the College on the recommendations of the Finance Committee
2. Institute scholarships, fellowships, studentships, medals, prizes and Certificates on the recommendation of the Academic Council.
3. Approve institution of new programmes of study leading to degrees and/or diplomas.
4. Perform such other functions and institute Committees, as may be necessary and deemed fit for the proper development, and to fulfill the objectives for which the College has been declared as autonomous.

The Term of the BOG is two years, except for the UGC nominee whose term will be a full six years. The BOG has to conduct a minimum two meetings per year.

S02. ACADEMIC COUNCIL (AC)

It is the apex academic body of the college responsible for approval of schemes of study, syllabi, examinations and evaluation methods, declaration of results, recommendation of candidates to the University for award of degrees etc. it has a nominee of the University.

The functions of the Academic Council are shown hereunder;

1. Scrutinizes and approves the proposals with or without modification of the BoS. Provided the academic council differs on any proposal, it has the right to return the matter for re-consideration of the BOS or reject it after giving reasons to do so.
2. Can makes regulations regarding admission, sports, extra-curricular activities, maintenance etc.
3. Recommend/advise the Governing Body on proposals for Institution of new programme of study and other academic matters.
4. Recommend/advice regarding institution of scholarships, studentships, fellowships, prizes and medals etc.
5. Performs such other functions as may be assigned by the Government Body

The Principal shall convene a meeting of the Academic Council at least once in a year. The Committee comprises of the Principal, Heads of all Departments, Four Teachers of the College representing different categories of teaching staff by rotation on the basis of seniority of service in the College, Not less than four experts from outside the college representing such areas as Industry, Commerce, Law, Education, Medicine, Engineering etc., to be nominated by the Governing Body, Three Nominees of the University (VTU) and a faculty member nominated by the Principal (Member Secretary) The term of the nominated members shall be two years.

S03. BOARD OF STUDIES (BOS)

The college constitutes different Boards of Study for different branches of engineering. **The BOS's are responsible for framing of schemes of study and detailed curricula, academic rules etc. the BOS's have a University nominee each. The term of the** nominated members shall be two years. The BOS meets at least twice in a year. The functions of statutory bodies and co-ordinations are detailed below;

1. Prepares syllabi for various courses keeping in view the objectives of the College, interest of the stakeholders and national requirement for consideration and approval of the Academic Council.
2. Suggests methodologies for innovative teaching evaluation techniques
3. Suggests panel of names to the Academic Council for appointment of examiners; and
4. Co-ordinates research, teaching, extension and other academic activities in the department/college.

The BOS Comprises of the Head of the Dept.(Chairperson), Faculty members covering different specialization, Subject Experts from outside the college nominated by the Academic Council, Expert from outside College nominated by the Vice Chancellor, VTU, Representative from industry / corporate sector / allied area relating to placement nominated by the Academic Council and a Postgraduate meritorious alumni. The term of the nominated members shall be two years. The Principal of the college shall draw the schedule for meeting of the Board of Studies for different departments. The meeting may be scheduled as and when necessary, but at least once a year.

Board of Studies of the following Clusters also exist:

1. Electrical Cluster
2. Chemical Cluster
3. Computer Science Cluster
4. Mechanical Engineering
5. Industrial Engineering & Management
6. Architecture
7. Physics
8. Chemistry
9. Mathematics
10. Civil Engineering

S04. BOARD OF EXAMINERS (BOE)

The Board of Examiners of each programme in the college shall;

- (a) Be responsible for all matters connected with planning and conduct of examinations and evaluation including periodical tests;
- (b) Have powers to review and finalize examination results and to take remedial measures wherever considered necessary;
- (c) Analyze the performances of students and report its findings to the Academic Council and the Governing Body for their consideration and necessary action, if any;
- (d) May appoint sub-committees to assist in discharge of its functions

The BOE of each Department is composed of the Head of the Department as the chairperson and include 5-6 senior Faculty members and an external subject expert as applicable. The Principal in consultation with the Academic Council shall constitute the Board of Examiners for each programme. The meeting may be scheduled as and when necessary, but at least once a year.

The BOE of the following clusters exist:

1. Civil Engineering
2. Electrical
3. Chemical Engineering
4. Bio-Technology
5. Computer Science
6. Mechanical Engineering
7. Industrial Engineering & Management
8. Architecture
9. Physics
10. Chemistry
11. Mathematics & Humanities

S05. FINANCE COMMITTEE (FC)

Finance Committee is an advisory body to the Governing Body to consider:

- Budget estimates relating to the grant received/receivable from UGC, and income from fees, etc., collected for the activities to undertake the scheme of autonomy; and
- Audited accounts for the above
- Assessment of utilization of budget allocation; to compare the actual expenditure status with the budgets. Submit a detailed report on the utilization of budget to the BOG

The Committee should convene meeting at least twice in a year.

The finance committee is chaired by Principal and includes one person to be nominated by the Governing Body of the College for a period of two years, one senior teacher of the College to be nominated in rotation by the principal for two years and Additional member nominated by the Board. The committee has to conduct a minimum of two meetings per year.

S06. BOARD OF APPOINTMENTS (BOA)

The BOA has to conduct interview, assess the performance of the candidates by evaluating their candidature and recommend the candidates for recruitment to the BOG.

Separate BOA is constituted for Aided and Unaided Staff and Faculty. The BOA of the aided staff and Faculty is chaired by Donor Trustee & Member-Secretary BMSET and includes DTE, Ex-officio, Subject Experts, VTU Nominee (University), Concerned Head of the Department as members and Principal as the Member-Secretary. The Term of the Committee is three years and they meet as and when decided by the BOG.

S07. BUILDING & WORKS COMMITTEEINTMENTS (BWC)

The BWC has to consider and approve the new projects, review the proposals - planning & execution, review the construction and consider & approve the maintenance requirements of the buildings.

The committee is chaired by Dr. P. Dayananda Pai and Sri.K.Jairaj, IAS (Retd) who are Trustees of BMS Educational Trust. Dr.B.S.Ragini Narayan Donor Trustee & Member-Secretary, BMSET and Principal, BMSIT serve as members of the Committee and Principal BMSCE is the member-Secretary of the committee. The term of the committee is three years / as and when decided by the Trust and the committee has to conduct a minimum of 3 meetings in a year.

OTHER COMMITTEES		
8	C01	BOG Sub Committee for TEQIP II
9	C02	Sub Committee for Annual Performance Monitoring
10	C03	College Council (CC)
11	C04	College Core Committee (CCC)
12	C05	HODs Committee
13	C06	HODs Sub Committee for student activities
14	C07	Feedback Committee
15	C08	Departmental Academic Committee (DAC)
16	C09	Central Procurement Committee (CPC)
17	C10	Departmental Procurement Committee (DPC)
18	C11	Library Committee
19	C12	Grievance Reddressal Committee (GRC)
20	C13	Women Cell (WC)
21	C14	Anti-Sexual Harassment Committee
22	C15	Sports & Cultural Committee
23	C16	Hostel Committee
24	C17	Anti-Ragging Committee
25	C18	Vigilance Committee (Anti-ragging)
26	C19	Vigilance Squad (Anti-ragging)
27	C20	

C01. BOG SUB-COMMITTEE FOR TEQIP PHASE II

The committee has the following Functions:

- To conduct periodical (quarterly) reviews to monitor the progress of the activities of TEQIP Phase-II and provide guidance for better implementation of the project;
- To monitor and accord approvals from time to time pending ratification by the BOG

The committee has 3 members. The term of the committee is three years / as and when decided by the BOG. The committee has to conduct Minimum 3-4 meetings per year and during exigency.

C02. BOG SUB-COMMITTEE FOR ANNUAL PERFORMANCE MONITORING

The committee has the following Functions:

- a) To review & monitor the annual academic performance of the faculty
- b) To advice the faculty on improvement of their academic performance
- c) To advice the BOG on improving the academic performance of the faculty

The committee has 4 members. The term of the committee is two years and the committee has to conduct a minimum two meetings per year.

C03. COLLEGE COUNCIL (CC)

The CC has been constituted to discuss & approve academic / administrative matters of the college. The members are ex-officio and the committee should have a minimum of 4 meetings per year. The committee has 30 members.

C04. COLLEGE CORE COMMITTEE (CCC)

The committee has been constituted to discuss & approve academic / administrative matters of the college. The committee has 7 members and is chaired by principal. The members of the committee are ex-officio and should meet at least 6 times a year and during exigency.

C05. HODs COMMITTEE

The Committee has the following Functions:

- a) To discuss & approve academic matters of the departments
- b) To adopt common frame work, guidelines for the academic issues
- c) To share the best practices adopted
- d) To approve the semester calendar of events

The committee is composed of Principal, Vice principal, Dean (Academic) and HODs of various Departments. The Committee meets for a minimum of 9 times a year & during exigency.

C06. HODs SUB COMMITTEE FOR STUDENT ACTIVITIES

The committee has the following functions:

- a) To give proper attention / focus on the students participation in the extra-curricular activities;
- b) To submit the monthly report during the HODs meeting

The term of the committee is adhoc and can conduct meetings as desired.

C07. FEEDBACK COMMITTEE

The committee has been formed for counseling faculty & monitoring the performance of faculty and the various divisions of the College. The committee includes Principal, Vice-principal, Dean (Academic), Dean (Management) and HODs of various departments. The term of the committee is 3 years and the committee has to conduct a minimum of two meetings per semester.

C08. DEPARTMENTAL ACADEMIC COMMITTEE (DAC)

The functions of the DAC includes

- Monitoring of all the academic activities of the department
- Monitoring CIE and Attendance
- To resolve any student issues related to academic requirements
- To recommend any new/innovative methods of TLP
- To take active part in the academic inspections (department level)
- To monitor the conduct of various FDPs & Student training activities
- Monitoring the Research Scholars progress (by way of seminars/reports)
- Curriculum Review and Revision
- Conduction of courses in the fast track semester
- Offering value added programs in the fast track semester
- Scrutinizing the applications received against advertisement for recruitment (new)
- The department shall maintain the minutes of the above meetings; A copy (either soft/hard) of the minutes shall be sent to the office of the Dean (Aca) within a week of conduct of the Meeting
- Any other issues related to the academic development of the department

The committee should meet once in every month and the term of the committee is two-three years

C09. CENTRAL PROCUREMENT COMMITTEE (CPC)

The Responsibility and Functions of the committee are as following:

- a) Responsibility: The CPC shall ensure that the proposal has been made in accordance with guidelines of the TEQIP-II/Institution. The CPC shall verify that all the committees have accorded necessary recommendation.
- b) Function: The CPC will review the proposal for its correctness in all respects. The CPC has to make its final recommendation for the approval of the proposal [Procurement Format PF-3] by the PRINCIPAL. After approval, the BMS-TEQIP Office shall generate the Purchase Order (PO) through PMSS. The PO duly signed by the Principal shall be sent to the concerned vendor and a copy to the

concerned HOD. It is the responsibility of the HOD to follow up the matter since it is time bound.

The CPC is composed of TEQIP Coordinators (2 members), Concerned HOD or Nominee of HOD, Nodal Officer – Finance, Nodal Officer- Procurement, AAO, Procurement Manager (TEQUIP and the Proposer. The term of the committee is for 3 years and the committee can meet as and when desired and directed by the TEQUIP.

C10. DEPARTMENTAL PROCUREMENT COMMITTEE (DPC)

The functions of the committee are as follows:

- Monitoring of all the infrastructure requirements of the department
- Annual Stock verification
- Recommending the departmental procurement needs [including funded projects]
- Proposing the annual budget requirements of the department
- Monitoring the expenditure (as per the budget)
- The department shall maintain the minutes of the above meetings; A copy (either soft/hard) of the minutes shall be sent to the office of the Vice-Principal within a week of the conduct of the said meeting.
- If necessary the Chairperson/HOD may invite external members on the panel by seeking prior approval.

The committee consists of the HOD, 2 Faculty Members, Procurement Manager, TEQUIP, Dept. procurement Co-coordinator and the Proposer. The term of the committee is 3 years and the committee meets as desired & directed by the TEQUIP.

C11. LIBRARY COMMITTEE

The Library committee has 9 members comprising of faculty from all cadres and the Librarian. The committee oversees the functioning and the development of the Library. The term of the nominated members shall be of two years.

C12. GRIEVANCE REDRESSAL COMMITTEE (GRC)

In obedience to the AICTE Notification No.PG/07(01)/2012 dated 06.07.2012, the Institution has established a Grievance Redressal Committee (GRC) in the College for the purpose of Redressal of Grievance of students, parents and others. The Committee meets at least twice in a year other than the meetings held for any grievances received. The Committee strictly adheres to the regulations stipulated by AICTE. The GRC shall enquire into the application seeking Redressal of Grievance and submit its recommendations to the Principal for further needful action at his end. The Convenor of GRC shall call for a meeting as and when representation seeking Redressal is received. The GRC shall meet at least once in three months irrespective of whether any representation/complaint is received or not.

The term of the nominated members (6 members) shall be of three years. The Committee should convene meeting at least twice in a year other than the meetings held for any grievances received

C13. WOMEN CELL (WC)

The College has established a Women Cell in the college campus to empower girl students and staff to enhance understanding of issues related to women and to make the college campus a safe place for women students. The cell aims at creating awareness of their rights and duties. It also provides a platform for women to share their experiences and views regarding their status in the society and to suggest ways to improve and empower themselves. The Committee convenes meeting at least twice in a year and as & when grievances are received. The committee has 6 members. The term of the nominated members shall be two years.

C14. ANTI-SEXUAL HARASSMENT COMMITTEE (ASHC)

To maintain gender equality and gender justice in all of its practices and to look into any complaints filed about sexual harassment at the Institute, an Anti-Sexual Harassment Committee (ASHC) has been constituted. The ASHC considers complaints of sexual harassment at work place. The Committee convenes meeting at least twice in a year other than the meetings held for any grievances received. The committee has 6 members. The term of the nominated members shall be two years.

C15. SPORTS & CULTURAL COMMITTEE

The Committee of 11 members with faculty representatives, Secretary, BMSETH, AAO, registrar and PED oversee the Sports and Cultural activities of the College. The term of the nominated members shall be of two years

C.16. HOSTEL COMMITTEE [HC]

The BMSET Hostel Committee is constituted for the purpose of taking active interest in general welfare of the students residing in the hostel and ensure maintaining their living standards. The Hostel functions under the administrative control of the Secretary and ably assisted by Wardens and staff. The following are some of the functions carried out by the Hostel Committee:

- Perusal of Annual Budget proposed, to suggest revision if necessary and grant approval
- Perusal of the Annual Audit Report & Audited statements of Hostel and Hostel Mess accounts, seek necessary clarifications and acceptance of the report.
- Makes policies/rules from time to time necessary on general administrative matters
- To approve developmental/improvement works taken up for the welfare of hostelites
- To consider/approve staff welfare measures proposed by the Hostel Administration
- The Hostel Committee is the final disciplinary authority. It sanctions/authorizes/initiation of disciplinary proceedings against employee/employees charged of misconduct. It is the final authority to impose punishment on employee for proved misconduct.

The Committee should convene meeting at least 2-3 meetings in a year. The term of the nominated members (9 members) shall be of two years.

C17. ANTI-RAGGING COMMITTEE

The Institution follows the policy of zero tolerance to ragging. Complying with the **directives of the Hon'ble Supreme Court of India, the College has formed the anti-ragging committees and anti-ragging squads for college and hostels** which work in co-ordination to ensure that the campus is free from the menace of ragging. Each student of the College and his/her parents and, or Guardian are required to submit an undertaking/affidavit in the prescribed format. The Anti-ragging committees & Anti-ragging squads effectively monitor and comply with the prescribed anti-ragging provisions.

The committee is chaired by Vice-Principal and has all HODs as Members. The Term of the committee is for two years and they shall meet as desired.

C18. VIGILANCE COMMITTEE (ANTI-RAGGING)

The responsibility of the Vigilance Committee is to ensure that students do not indulge in the act of ragging (students in groups within and near the Campus) in the departments, library, indoor stadium and hostels. The committee has 9 members. The term of the committee is for 2 years and they meet as desired.

C19. FLYING SQUAD (ANTI-RAGGING)

The responsibility of the Vigilance Flying Squad is to make anonymous random surveys and ensure that students do not indulge in the act of ragging in the campus and hostel. The committee has 7 members. The term of the committee is 2 years and the committee shall meet as desired.

C20. EMPLOYEES FAMILY WELFARE FUND

The Employees Family Welfare Fund Committee has been constituted with the following composition: Principal, Prof, Dean (TRG) & Director, ICD, Faculty representatives, Librarian, instructor, AAO and registrar (9 members). The term of the nominated members shall be of two years

PRIMARY ACCOUNTABILITIES OF GOVERNING BODY

The **BOG** of the College is the supreme administrative body of the College. It ensures the achievement of mission and vision of the TRUST. It promotes future academic plans & research activities by providing a clear-cut direction for implementation, and overall monitoring of all activities. It supports the Head of the Institution in execution of its programmes. It approves the budgetary allocation towards infrastructure, staffing pattern, Research and Development etc. The Governing Body conducts four meetings in a year, with their minutes being uploaded on the institution's website (www.bmsce.ac.in), so that the students and staff have appropriate access to information about the proceedings of their Governing Body meetings. Expected norms for the functions of various functionaries at BMSCE as approved by the Governing Body are made available to the stakeholders concerned in hardcopy form and also uploaded on the website of the Institution

The **BOG** of BMSCE is individually and collectively responsible for overseeing the institution's activities, determining its future direction, and fostering an environment in which the institutional mission is achieved. The **BOG** exercises the following powers:

1. Approve the Budget and Financial strategy of the Institution in accordance with the Institutions strategic plan and ensure apt usage of the allocated funds. Approve the audited annual financial statements. Ensure proper system of financial management with proper resource allocation and management
2. Ensure transparency in procurement process; To direct and overseeing the internal and external audit
3. Human resource Management; Responsible for institution's human resources and employment policy which includes ensuring proper pay and employment conditions. Ensure appointments are made in clear, open and transparent manner. The Institution has an internal appeal and Redressal procedure. Develop strategy for staff retention.
4. Approve institution of new programmes of study leading to UG, PG and doctoral degrees
5. Collectively and individually steward the Institution fulfilling its mission in tandem with its vision and mission
6. Act in good faith to the best interests of the Institution
7. Ensure that the meeting of the BOG are conducted in free and transparent manner
8. Approve the policies and programmes of the institution and monitoring its effective implementation taking into cognizance the interest of the institution and stakeholders
9. Maintain the highest ethical standards and not allow any conflict of interest.
10. Open to feedback and suggestions regarding improvement in governance
11. **Strategic management of the institution's land and buildings. As part of this responsibility it identifies the property and space requirements, provides for a planned programme of maintenance. The Governing Body has put in place the Building and Works Subcommittee for this.**

12. Risk Management, Control And Governance; effective risk monitoring mechanism both in terms of financial and well as academic management through
- a) An effective internal and external audit mechanism is in place.
 - b) A well-knit strategic plan is in place. Allocates necessary resources to meet such plans. The Management monitors the strategic plan, both short term goals and long term goals, through periodical reviews (quarterly) of the implementation of strategic plan.
 - c) The Academic Council, the highest academic body in the institution, is responsible for setting the academic standards, policies and procedures.
 - d) Interaction with students and all stakeholders on continual basis
 - e) Transparency in its governance
 - f) Establish various committees/academic bodies/boards etc. to monitor the activities and make recommendations. Involve faculties in decision making process as part of these committees. The recommendations of the Committee are redressed by the Principal and seek approval of the Management on specific issues where such approval is mandated.
13. Health and Safety: The major responsibility for ensuring good health and safety of employees, students and other individuals. The BMS Trust Hospital supports the College in this regard. Insurance coverage is provided to Faculty staff and students.
14. Perform such other functions as may be necessary and deemed fit for the proper development, and fulfil the objectives of the college

OPENNESS AND TRANSPARENCY IN THE OPERATION OF GOVERNING BODIES

INSTITUTIONAL GOVERNANCE & MANAGEMENT

- The College has a strategic plan (2013-2020) in place. The Management periodically reviews the status of implementation.
- The governance is totally transparent. The faculty/staff are also being involved in the decision making process. There are several committees (both statutory and non-statutory) for maintaining effective and efficient governance of the institution.
- The College has a proper system for the financial management. Regular audits are being conducted by both internal and external auditors
- Governing body meeting is conducted in an open and fair manner. Faculty and student representatives are invited to participate in the proceedings of the BOG. The minutes of the meetings are also published in the College website (bmsce.ac.in).
- The departments have total academic /financial freedom. Each department has a strategic plan for their governance & development.
- The Institution has constituted an Internal Quality Assurance Cell (IQAC) to monitor / maintain quality in all its processes. The AQAR report is submitted to competent authorities after due review by the BOG
- Annual report is presented and discussed in the BOG. The same is published in the College website.
- **Publishing the institutions audited financial statements on the institution's website as information for the public.**

LEADERSHIP & MOTIVATIONAL INITIATIVES

- Democratic functioning, defined Role and responsibilities, decentralization of responsibilities, Proper financial management & Academic Autonomy are some of the other motivational initiatives.
- Faculty / student representatives are invited to the Board Meetings. Transparency-minutes of the BOG are published in the College website.
- Senior faculty Members are made heads of various Academic/ Administrative committees in the capacity of a Chairman.
- The recruitments are made in fair and transparent manner by Board of Appointments (BOA).
- Orientation & pedagogical training session for the new faculty.
- Annual Self-Appraisal by Teaching & Non-Teaching Staff and its review. Effective System of Performance Appraisal.
- Academic Audits by – Departmental Academic Committees & Institutional level Academic Audit Committees

PLANNING, MONITORING & RECORD KEEPING PRACTICES

- External and internal audits are carried out on a regular basis
- A proper system for the financial management and control by way of both internal and external audits is in place. The budget is prepared by the Head of the Departments and central heads and Principal. The BOG approves the annual institutional budget. Four funds (Corpus Fund, Staff development fund, Maintenance Fund, Equipment replacement fund) are established to ensure financial sustainability
- Involvement of Faculty in the decision making processes at various levels
- Proper upkeep of records & documents. Digitization of records (e-governance) e-governance- Admission process, Course registration, Elective registration and communication with the students are digitized and other student academic activities for academic and administrative processes are being customized (student profiles, CIE, SEE).

FOLLOWING RULES, REGULATIONS & TRANSPARENCY IN ACTIONS

- The Institution completely adheres to the guidelines for implementing of Academic Autonomy of VTU. The Credit System, Curriculum Framework, Assessment, Grading, Innovations are in line with the VTU Guidelines and relevant to the current day needs. The institution ensures transparency and quality by regular monitoring through internal committees & External bodies consisting of eminent experts.
- The scheme, syllabus, rules and regulations pertaining to teaching learning and evaluation, grading system along with academic calendar of events are made available in digital & print form to the students. In addition, a separate campus information booklet is provided to the students highlighting the above **facilities along with student's code of conduct and also published on the college web page.** The Academic Calendar, Examination manual, Academic Rules & Regulation are also made available in the College website (www.bmsce.ac.in).
- Providing as much information as possible to students, faculty, the general public and potential employers on all aspects of institutional activity related to academic performance, finance and management including the mandatory **disclosures on the institution's website.**

INITIATIVES FOR FACULTY/STAFF RECRUITMENT & RETENTION

- Recruitment of faculty and staff are being made through Board of Appointments (BOA). The retention rate of faculty/staff is high. This may be attributed to the academic ambience in the campus, opportunities for higher learning, Research and innovation, policies and procedures and various other staff welfare measures in place. Some of the staff retention measures are Medical Insurance Coverage, Family Welfare Fund, Incentive for Research Activities, Reward System for fetching External Grants, Educational grant for wards of employees, Vehicle Loan etc

DECENTRALIZATION & DELEGATION OF POWERS/RESPONSIBILITIES

- The Institution maintains highest level of Probity in its affairs.
- Major Academic/Administrative decisions are being addressed by the College Council
- Independent functioning of senior administrators of the institution - Vice-Principal, Deans, Controller of Examinations (COE)
- Delegation of academic/financial power to the Heads of the Departments is in place.

Any-Best Practice [Organization & Governance]

- The BOG meets regularly. Normally, four meetings are held in an academic year. The members of BOG participate regularly and make active contributions for academic growth and development. The BOG members directly participate in various activities of the Institution and spend quality time to encourage the faculty, staff and students. The BOG adopts transparent governance mechanism.
- The Faculty representatives are invited to the Board Meetings.
- The BOG interacts with the **students'** representatives and considers their views.
- The minutes of the BOG are published in the College website.
- Regular online student feedback
- The Management monitors the implementation of strategic plan, both short term goals and long term goals, through periodical reviews.
- e-Governance with an aim to efficient and transparent administration, e-governance was introduced in all the Administrative and academic processes.
- The College publishes Academic Calendar for each session; publishes the examination schedule both CIE and SEE. Full transparency in all the processes right from the announcement of the examination up till the declaration of the results is maintained; proper monitoring of the conduct of examinations is in place for both Continuous Internal Evaluation (CIE) and Semester End Examination (SEE).

KEY ATTRIBUTES OF GOVERNING BODIES

High performing Governing Bodies have a keen sense of their role, responsibilities, ethics and duties. They understand clearly the high standards and quality expected by those inside and outside the institution, and how they should carry out their duties to safeguard the mission, objectives and reputation of the institution on whose Governing Body they serve. BMSCE GB follows this requirement to the extent possible.

The key attributes of BMSCE Governing Body are as follows:

Size of governing bodies

The nomination/appointment of members of the Governing Body and its Chairman are as prescribed in the Statutes of the University. The size of the Governing Body is such that it is able to carry out its primary accountabilities effectively and efficiently.

Skills, experience and competences

There is a balance of skills, experience and competences among governors - sufficient to enable the Governing Body meet its primary accountabilities and to ensure the confidence of its stakeholders and constituents.

Independent members

The Governing Bodies have a majority of independent members, defined as both external to and independent of the institution. The institutions, having autonomous status, is free from direct political interference in order to ensure academic freedom.

Appointments

The process for appointment of suitable staff is of critical importance to the future of an academic institution. The institution adopts a fair recruitment process. Detailed staff requirement analysis, effective advertisement, fair and transparent assessment of candidates forms the part of this effective process. A duly constituted Board of Appointments is in charge of the process.

Clarity of responsibilities

There is clarity in relation to the role and responsibilities of the Chairman of the BOG the head of the institution (Principal) and the administrators serving the governing body (as depicted in the Faculty & Staff Norms Book of the College)

Chair of the Board of Governors (BOG)

The Chairman of the BOG is responsible for the leadership of the Board and is, therefore, ultimately responsible for its effectiveness. The Chairman ensures the institution is well connected with its stakeholders.

Head of institution (Principal)

The head of an institution is responsible to the BOG for advice on strategic direction and for the management of the institution.

The head of the institution is accountable to the BOG, which makes clear, and regularly reviews, the authority delegated to him/her having regard also to that conferred directly by the instruments of governance.

Administrator to the governing body

The administrator (the member-secretary) supporting the BOG is responsible for ensuring compliance with all procedures and ensuring that papers are supplied in a timely manner with information in a form, and of a quality, appropriate to enable the BOG to discharge its duties **and for recording the Board's** conclusions in a form which will aid their effective implementation. All members have access to the advice and services of the administrator to the BOG, and the appointment and removal of the administrator is a decision of the BOG as a whole.

Commitment

BOG meet sufficiently regularly and normally not less than four times a year, in order to discharge their duties effectively. Effective members of BOG attend regularly and participate actively.

Conduct

Individual members and BOG themselves, at all times conduct themselves in accordance with the standards of behaviour that the public should rightfully expect such as: selflessness, honesty, integrity, objectivity, accountability, openness and leadership.

BOG, and individual governors, exercise their responsibilities in the interests of the institution as a whole, and not as representatives of any constituency, company or organisation.

EFFECTIVENESS AND PERFORMANCE REVIEW OF GOVERNING BODIES

High performing governing bodies keep their effectiveness under regular review and ensure that their members are properly inducted and receive opportunities for further development as deemed necessary.

Effectiveness is measured against both an institution's statement of primary accountabilities and its compliance with these guidelines. Structures and processes are revised accordingly, as part of the **BOG's** on-going regular review processes.

In reviewing its performance, the BOG reflects on the performance of the institution as a whole in meeting its long-term strategic objectives and its short-term indicators of performance/success. They benchmark institutional performance against such indicators of performance and success of other comparable institutions.

REGULATORY COMPLIANCE

BOG ensure compliance with the statutes, ordinances and provisions regulating the institution, including regulations by Statutory bodies, such as the AICTE and UGC, as well as regulations laid out by the State government and affiliating university; and, subject to these, take all final decisions on matters of fundamental concern to the institution. The regulatory compliance includes demonstrating compliance with the **'not-for-profit' purpose of education institutions.**

Effective governance has been ensured at BMSCE as a result of it being an integral part of the acts and statutes that considers autonomy and accountability.



अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का एक सांविधिक निकाय)
(A STATUTORY BODY OF THE GOVT. OF INDIA)

डॉ. अविनाश एस. पंत

Dr. Avinash S. Pant

उपाध्यक्ष

Vice Chairman

AICTE/Acad/Student Safety/2015

Dated: 31st July, 2015

To

All Heads of AICTE approved Technical Institutions and Universities including
Deemed to be Universities imparting Technical Education.

Dear Sir/Madam,

The safety of students in and outside the campuses of technical institutions is a matter of paramount importance. A safe learning climate is an ineluctable precondition to quality education and research in Technical Education Institutions. It should be the prime concern of educational administrators across the Country to ensure that students are safeguarded against attacks, threats and accidents, both man-made and natural. In order to ensure safety of the students when the students are sent on educational tours, study tours, field visits, industrial visits, excursions etc., the Technical Institutions should adhere to certain precautions and norms.

With this in mind, the All India Council for Technical Education has formulated guidelines to ensure safety of the students when the students are sent on educational tours, study tours, field visits, industrial visits, and excursions etc., in AICTE approved Technical institutions and Universities including Deemed to be Universities imparting Technical Education. Copy enclosed. The guidelines have also been uploaded on the AICTE website www.aicte-india.org.

You are requested to kindly implement the AICTE guidelines in your Institution in the best interest of students. Action taken on the implementation of the guidelines may kindly be communicated to this Council from time to time.

Yours sincerely,

(Avinash S. Pant)

Copy for information and necessary action to:

1. The Principal Secretaries dealing with Technical Education and Directors of Technical Education of all State Govts/UTs.

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NEW DELHI

Guidelines for Technical Institutions, Universities including Deemed Universities imparting technical education coming under the purview of AICTE for the students participating in educational tours, study tours, field visits, industrial visits, excursions or any other visits/tours.

1. The Head of the Institution should ensure and certify that the tour undertaken is required for the benefit of students or is related to the curriculum of the course in which such students are enrolled.
2. The Head of the Institution should ensure that security i-cards are issued to the students and maintain a separate data base of the personal details of such students participating in the tours. The i-cards should also contain the details of the parents/local guardian along with his/her contact telephone/mobile numbers. Automatic tracking system may also be provided, if possible for proper monitoring and better safety of the students and faculty participating in such tours.
3. The Head of the Institution should ensure that prior permission is obtained in advance from the institution/ organization/ company/ industry or the local Authority of the place to which such tour is being undertaken.
4. The Head of Institution should ensure that adequate insurance cover (accident and life cover) is provided for every student and faculty participating in such tours, at the institution's cost. It will be the

responsibility of the Head of the Institution to provide all necessary help to the students who are part of such tours in case of emergency situations.

5. The Head of the Institution should ensure that a faculty member accompany the students on such tours. Further, a lady faculty should accompany if there are girl students participating in such tours.
6. The Head of the institution should ensure that written permission of one of the parents or the local guardian is obtained in a specific format for each such student wanting to participate in such tours. The Head of the Institution should also ensure that an undertaking is obtained from every participating student that they would abide by the rules and guidelines throughout such tours.
7. The Head of Institution should ensure that a medical fitness certificate of a recognized medical practitioner should be obtained for each student participating in such tours.
8. The Head of the Institution should ensure that the list of the students participating in such tours must be countersigned by accompanying faculty with the following undertaking that:
 - he/she will take care of the students participating in the tour
 - he/she would ensure that the students would abide by the rules and regulations of the institution/ organization/ company/

industry or the local Authority of the place to which such tours is being undertaken and

- he/she would be liable for disciplinary action if it is found that the safety of the students is compromised in any manner during the tour.

9. The Head of Institution may arrange training programme on leadership and basic life support and first aid for the faculty participating in such tours. A briefing session may also be organized before the tour to inform the students and the accompanying faculty about the details of the tour, rules and regulations to be followed during the tour. Students should also be informed about the need to follow the accompanying faculty instructions and safety guidelines during the tour. An orientation in the areas of team-spirit, discipline, manners and behavior, geographical knowledge of the area to be visited and safety measures to be followed may also be provided to the students and the faculty accompanying the students before proceeding to the tour.
10. The accompanying faculty should be aware of the health condition of each student in order to decide whether a student should or should not be allowed to take part in any particular activities based on his/her health condition. The accompanying faculty should also arrange medical assistance for any sick student by assisting him/her consult a doctor immediately.
11. The accompanying faculty must take note of the weather forecasts and news broadcasts of the place of visit. The accompanying faculty

should also bring along with them the necessary safety equipment such as first aid box, emergency phone numbers, torches, contact details of local hospital(s) etc.

12. Any activity in and around water bodies such as boating, swimming, rowing, and sailing must be carried out under the supervision of a trainer/life guard.
13. If the educational tour has more than 20 participants, efforts should be made to engage a local tour operator, wherever possible, who is well aware of the local conditions.
14. In the event of non-compliance of the student safety guidelines by the Technical Institutions, Universities including Deemed Universities imparting technical education coming under the purview of AICTE, the Council may take appropriate action after ascertaining the facts.



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(Reg. No: DRB-C/SOR/66/2011-12)

B M S COLLEGE OF ENGINEERING, BANGALORE-560 019

ALUMNI NETWORK ACTIVITIES REPORT

The BMSCE Alumni Network since its inception in 2012, has embraced its core purpose of bringing together and fostering constructive relations between the Alumni, students and faculty across all departments of BMS College of Engineering. Under the able guidance of the BMSCE Alumni Network's Executive Committee headed by the Hon. President Dr.P Dayananda Pai, who is also the Chairman of BMSCE and Trustee, BMSET; our beloved Donor Trustee Dr.B S Ragini Narayan from the family of the founders; Sri K Jairaj and our Working President Dr.K Mallikharajuna Babu, who is also the Principal BMSCE, the network has had the privilege of **engaging over 13,600 alumni** through social media and through the BMSCEAN portal (<http://bmscealumni.net>) in various ways. Alumni are engaged through knowledge sharing symposiums, webinars and guest lectures. Highlights of the past year's activities of the BMSCEAN include:

Annual Alumni Day 2014: BMSCEAN annual alumni day is celebrated on the third Saturday of every December. In 2014, the event was successfully hosted on December 20th. The entire event was



managed by the Alumni Network's office bearers under the guidance of the Sub-Committee members. This included sending out invitations well in advance, opening registrations for the same, organizing the felicitation ceremony, entertainment and dinner arrangements. Alumni across all batches

and branches were invited for a time of networking, reminiscence and catching up on the milestones of their very own alma mater. Some of our Alumni visited their departments in the morning to relive their campus days. Each department showcased proudly their achievements, their continuous improvements and the latest and greatest in syllabus and infrastructure which elicited praise and constructive feedback from visiting alumni. The Invocation, lighting of the lamp and welcome address was followed by the highlight for the event viz., the Felicitation ceremony of alumni from the 1950 to 1971 batches. Entertainment was provided by the musical band Swaralaya Amrutha, led by our alumnus Sudatta. The evening was concluded with a dinner on the college grounds.



Golden Jubilee Reunion of the 1965 batch of graduates: The alumni of the 1965 batches from the Electrical, Mechanical and Civil branches got together on the 2nd of May, 2015 at the B.S. Narayan Hall. The event was planned by the core alumni team with the aid of the Alumni Network. The program was presided over by Dr. K.M.



Babu, Working President, BMSCE Alumni Network and also Principal, BMSCE. Chief guests included dynamic Professors of the 1965 batch of alumni, who were felicitated by their students (Alumni) in appreciation and deep gratitude for





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having dedicated themselves to their profession as Professors and researchers. The emphasis of the Chief Guests such Dr. Narahari, Prof. Alasinger, Dr. Haranath, Dr. SR Krishnamurthy and Dr. GR Srinivasa was on focusing today's research on experimentation rather than merely on theoretical ideation; This was an eye-opener for many of the alumni present. Each alumnus also took home a gift Mug, custom made as a memento for the 1965 Golden Jubilee Reunion. The event concluded grandly with a fellowship luncheon at the Multipurpose Hall, BMSCE grounds.

Merit Scholarships Awards Ceremony (Odd Semester, 2014-15) was held on the 4th of May, 2015 at the BMS Auditorium where meritorious students assembled along with their parents to receive their



well-deserved awards. Since the scholarships are sponsored by the Alumni of BMSCE, the event was initiated and organized by the Alumni Network. Activities such as calling for award nominations from each department, finalizing the list of awardees, having certificates and cheques issued to each

awardee and hosting the program was handled by the BMSCE Alumni Network. Chief guests of the event included Dr. GR Srinivasa (Alumnus Mechanical 1965) and Dr. K. Vijay Kumar (Alumnus Electronics 1978).



There were 55 Meritorious Students (from Odd semesters, 2014-15) who received the scholarships from across all departments of the college. Each received cheques for INR 10,000/- and a certificate of merit (totally INR 5,50,000/- was issued from the BMSCEAN corpus)

The proceeds of the BMSCEAN corpus has been utilized to provide cash **scholarships** to **273 meritorious students so far and scholarships amounting to Rs. 27.3 Lakhs**

Education Loan Facility: The Network has generated a corpus of about Rs. 5.5 Crore till date, the proceeds of which has been utilized not only to provide cash scholarships but also to disburse **education loans (39 in number and to the tune of INR 1.35 crore till date)** for needy students to pursue both their Undergraduate and Post Graduate programs.

IEM 1990 BATCH GET-TOGETHER: JULY 2ND, 2015:



A group of Industrial Engineering and Management (IEM) alumni from the batch of 1990 met at the IEM department on the 2nd of July, to touch base with their alma mater once again after twenty five years of being successful and





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productive citizens of society. The department of IEM headed by Dr. Rathanraj, along with our Principal Dr. K.M. Babu, welcomed the alumni and had a memorable as well as intellectually rewarding time of interaction.

CSE 1990 BATCH GET-TOGETHER: JULY 24TH, 2015 (SILVER JUBILEE REUNION)

Alumni from the Computer Science Department had similar plans to meet for a reunion with their peers at their Silver Jubilee Year of being BMSCE Alumni. This event was organized and held at the BMS Auditorium on the 24th of July, 2015. Dr. KM. Babu, Dr. Guruprasad Head of Computer Science Engineering



Department, and Dr. S.R. Krishnamurthy, Professor who taught the alumni graced the occasion with their kind words. The group of alumni walked down memory lane aided with hand-picked photo albums crafted by the alumni themselves. The nostalgia continued as the group toured their campus, classrooms and favorite cafeteria spots as part of their reunion program which concluded pleasantly with dinner at the Multipurpose Hall.



GRADUATION DAY 2015: BATCH OF 2014 (B.ARCH, B.E.)

The third Graduation Day ceremony was held on Sunday, 26th July at the Indoor Stadium, BMSCE Campus. The students that graduated included third autonomous batch of Engineering Graduates (2010 – 2014) and the second autonomous batch of Architecture Graduates (2009 – 2014). Communications to these young alumni was handled by the Alumni Network, while the event was managed by the Graduation day Organizing committee headed by the Dean of Management.



The ceremony was attended by 935 students with their families and the faculty. The graduation degree certificates were handed by the Honorable Chief Guest Dr. H Maheshappa, Vice Chancellor, Visvesvaraya Technological University, Belgaum in the presence of Dr. P Dayananda Pai, Chairman BOG, BMSCE, Dr. B.S Ragini Narayan, Donor Trustee, BMSCE, Sri K. Jayaraj, IAS (Retd.), Trustee, BMS Education Trust, and Dr. K. Mallikharjuna Babu, Principal, BMSCE.





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BMSCEAN Newsletters: the Alumni Network of BMSCE publishes a quarterly e-newsletter which is circulated to all the registered alumni of the Network. Volumes 6-9 have been released which have included highlights of alumni events, campus news and relevant department news, published for the benefit of alumni in order to keep them in touch with their alma mater regardless of their location and year of graduation.

BMSCEAN Portal:

The newly renovated portal for BMSCE Alumni has been functional since May 2015. The Network has since organized fun campaigns, and kept the portal up to date with the latest happenings at the college level, in order to spur networking through our portal itself.



Alumni Donations and Sponsorships:

Alumni from various professions have generously donated towards the BMSCE Alumni Network. Our thanks extends to all our sponsors among whom the below have made the most recent contributions (December 2014 till date):

- Col. H.S. Shankar 1964 Mechanical: Platinum sponsor for the ICTIEE 2nd International Conference held in Jan 2015
- Mr. Akarsha N S: 2008 Mechanical: Donation towards SAE eBaja event
- Mr. Vasuki R. Nijagal: 1973 Mechanical: Donation towards BMSCEAN Merit Scholarship (one in number)
- Dr. G R Srinivasan: 1965 Mechanical: Donation towards BMSCE Alumni Network
- Mr. B V S Murthy: 1955 Civil: Donation towards BMSCE Alumni Network