MEMBERS PRESENT:
1. Dr. P. Dayananda Pai
2. Dr. B.S. Ragini Narayan
3. Sri. K. Jairaj, IAS (Retd)
4. Sri. M. Krishnaswamy
5. Dr. D. Thukaram
6. Dr. A. Sridharan
7. Dr. B.S. Sonde
8. Dr. Martin Jebaraj
9. Dr. S. Venkateshwaran
10. Dr. G. N. Sekhar
11. Dr. Ravishankar Deekshit
12. Dr. K. Mallikarjuna Babu

Chairman
Member
Member
Member
Special Invitee
Special Invitee
Invitee
Invitee
Member
Member
Member-Secretary

LEAVE OF ABSENCE:
1. Sri. H. U. Talawar
2. Dr. Nirmal Singh Sehra

Member
Member

Faculty Invitees:
1. Dr. L. Ravikumar, Professor, Dept. of ME
2. Dr. Rudra Naik, Associate Professor, Dept. of ME

Student Invitees:
1. Mr. D. Gopala Rao, IV Sem., M.Tech (Construction Technology)
2. Mr. Manoj, IV Sem., M.Tech (Environmental Engg.)
3. Mr. R. Sridhara, IV Sem., M.Tech (Digital Communication)
4. Mr. Raghu Yogaraj, PhD - Research Scholar (Mechanical)

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

The member secretary apprised the Board that this meeting is a special one as advised by the BOG in its last meeting. The main agenda is to review the progress & implementation of Technical Education Quality Improvement Programme (TEQIP-II) Phase2. The TEQIP-II is primarily focused on Postgraduate programmes and Research with a view to enhance the enrollment & produce more PG & PhDs in Engineering.
The member secretary informed that the soft copy of the Agenda & Notes has been sent through mail to all the members of BOG well in advance to enable members to go through the agenda & voluminous annexures.

The member secretary brought to the notice of members that this meeting being held in compliance of the 53rd BOG meeting held on 21.11.2013. The compliance of the 53rd meeting along with this meeting will be placed in the next meeting.

The member secretary also informed that the student beneficiaries of the TEQIP-II project were invited to the meeting for an interaction with the Board members.

The Board welcomed the students and desired to know their acquaintance with the TEQIP II project and its implementation. The students expressed that they were fully aware of the TEQIP -II project and further submitted that they have got financial assistantship; support for research activities and also stated that the laboratories are upgraded with sophisticated infrastructure. They have submitted that these developments are very much useful for carrying out their project and adds to their learning skills. The BOG expressed satisfaction over the interaction with the students.

1. **EARLIER BOARD RESOLUTIONS IN RESPECT OF TEQIP PHASE-II PROJECT**

The member secretary apprised the Board regarding the BOG resolutions / directions with regard to the implementation of TEQIP Phase-II. The member secretary also apprised all the resolutions have been implemented accordingly. The Board took note of the same. The resolutions are provided at Annexure-1.
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
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.
2.4 PERFORMANCE AUDIT & DATA AUDIT

The Board was informed that NPIU has appointed Dr. A. Subash Babu as Performance Auditor and Sri. B. M. Rudresh as Data Auditor. The first Performance & Data Audit were conducted during June 2013. The reports in this regard are placed for information. The Board took note of the same. The audit reports are provided at Annexure-5.

2.5 ESTABLISHMENT OF FOUR FUNDS

As per the directions of NPIU/SPFU four funds (Corpus, Equipment Replacement, Faculty/Staff Development & Maintenance) have been created by depositing Rs.25,00,000/- each as Fixed Deposit and also corresponding SB accounts have been opened in Allahabad Bank. The current status of the funds was noted by the Board. The current status of funds is provided at Annexure-6.

2.6 ASSESSMENT OF INSTITUTION’S PERFORMANCE

The Board noted about the NPIU’s assessment of the performance of institution based on the data provided to them through the entries into the MIS. The details are provided at Annexure-7.

2.7 STATUS OF EXPENDITURE

The Board took note of all the detailed expenditure [activity wise] as on 31.12.13 and also proposed expenditure up to March 2014. The Board expressed its satisfaction over the status of expenditure. The status of expenditure is provided at Annexure-8.
2.9 KEY PERFORMANCE INDICATORS

The Board took note of the targets achieved in the key performance indicators (as on December 2013). After detailed discussions, the Board has appreciated the coordinators/Nodal Officers/faculty’s efforts in this regard. The Performance indicators are provided at Annexure-9.

3. STATUS REPORT ON THE ACTIVITIES OF CENTER OF EXCELLENCE (COE) ON ADVANCED MATERIALS RESEARCH

The member secretary briefed about the establishment of Center of Excellence (COE) on Advanced Materials Research with a sanction of Rs.5 Crores grant towards its activities.

3.1 SAVINGS BANK ACCOUNT-COE-TEQIP II

The Board noted that a separate savings bank account is opened at Allahabad Bank for COE. The details are as follows:

- SB Account Title: COE-TEQIP-II
- SB Account Number: 50166755417
- Date of Opening: 20.8.2013
- Current Balance: Rs.1,001/-

3.2 SANCTION OF GRANTS

The Board noted the communication of NPIU letter No. NPIU/TEQIP-II/FIN/30 dated 23.8.13 informing the institution about the sanction of grants of Rs.333.33 lakhs for establishing the COE in Advanced Materials Research at BMSCE and the funds are yet to be received by the college. While taking note of the same, the BOG advised the Programme Coordinators to follow-up the matter with the Government for immediate release of the funds.
3.3 PROCUREMENT

(a) The Board noted the proposal submitted by the coordinators of COE 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
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
Board considered the proposal to start ‘M.Tech. program in Manufacturing Science & Engineering’, (listed under VTU PG programs) as submitted by the coordinators of COE & department of Mechanical Engineering.

The Board approved the proposal & directed the Principal to initiate necessary action to start the new PG program from the next academic year that is 2014-15.

4. SEED MONEY TO THE FACULTY/STUDENTS FOR R&D ACTIVITIES

The member secretary apprised the Board about the provision of seed money to faculty/students under TEQIP-II for good innovative Research Projects to encourage experimental innovative Research projects. After detailed deliberations, the Board informed to sanction financial assistance under TEQIP II as ‘Research Promotion’ instead of seed money.

The Board also noted the following norms drafted by the TEQIP team for the sanction of financial assistance for ‘Research Promotion’ and approved the same:

a) Encourage experimental innovative Research Projects by the PG and PhD students fostering innovation, Consumables be provided through TEQIP Funding.

b) Expenditure towards procurement of Laptop/ Tablets/ Mobiles/ Computer/ Other electronic personal gadgets, Salary component and hospitality shall not be permitted.

c) The research proposals in the prescribed format (in-line with AICTE-RPS) shall be invited from faculty in the institute.
d) Duration of project can be one year for PG Project and two years for PhD Project. Proposals can be individual/group/interdisciplinary/collaborative with industry/associated with PG/PhD programmes undergoing within the institute.

e) Research outcomes should be in terms of Publications in refereed Journals. Product design, Patents, IRG by way of Industrial Consultancy and/or Continuing Education Programs needs to be clearly specified.

f) The responsibility of project completion and submission of the expenditure details will be with concerned faculty guide/supervisor.

g) Principal shall constitute a three member committee to scrutinize the research proposals. The Director (R&D) shall be its convener. The proposer shall make a presentation of proposed project before the committee for approval.

h) Based on the recommendations of the expert committee, the BOG sub-committee shall consider awarding financial assistance limiting to rupees two lakhs per project. The number of the projects depends on the available funding under the head of account.

5. FUNDING TO STUDENTS FOR PARTICIPATION IN THE SAE COMPETITION

The Board noted that two representations are received seeking financial support from TEQIP II towards the activities of Society for Automotive Engineers (SAE).
5.1 Proposal seeking financial assistance for design, fabrication of a formula car and for participation in SAE competitions to be held at Germany.

The Board noted the proposal seeking financial assistance of Rs.14,90,260/- towards consumables, ancillary parts, instrumentation, fabrication of formula car, registration fee for the SAE competition and TA/DA for the accompanying faculty. There are 24 final year students (from various departments) involved in the project and Dr.K.J.Rathanraj (Industrial Engineering) is the faculty overseeing the activity.

The Board noted the norms for providing the financial support for such projects from TEQIP II. The Board noted that there are provisions for extending financial assistance for research and innovation activities of the students/faculty; and it also noted that the funds can’t be provided for foreign travel by the students.

After detailed deliberations, the Board approved for extending financial support upto Rs.5.5 lakhs towards consumables, tools and fabrication work; an amount of Rs.2.5 lakhs towards procuring Yamaha gear box from the Management/College Funds. The Board also authorized the Principal for payment of registration fee for SAE competitions at Germany if the student members are ready to participate in the competition on self-finance basis.

In-order to have a close monitoring of this project, the Board advised the Principal to constitute a committee consisting of Sri. H. K. Rangavittal, Dr. B.S.Suresh under the chairmanship of Dr. P.Martin Jebaraj, Director (R & D); and ask the committee to oversee the activities of the SAE.
5.2 Proposal seeking financial assistance for participation in SAE AERO DESIGN WEST 2014 at Texas, USA

The Board noted the proposal seeking financial assistance of Rs.3,14,578/- that includes cost of consumables like electronics components, construction tools and expenditure towards TA/DA of faculty advisor. The Board noted that the student team under the guidance of Mr. Ram Rohit (Mechanical Engineering) participated in the SAE Aero design West 2013 competition held at Los Angeles, USA during April 2013 was ranked 18th among 75 teams participated from all over the world.

The Board further noted that the registration fee of Rs.44,100/- was already paid by the college through TEQIP funds and accorded permission to meet the expenditure towards consumables, electronic components, construction materials etc.

The Board requested the Principal to inform the faculty member to seek financial support for his travel from sources other than the TEQIP funds.

6. HONORARIUM TO THE NODAL OFFICERS AND STAFF

The TEQIP Coordinators apprised the Board that the NPIU through their communication dated 07.08.2013 stated that the project institutions may provide honorarium to the Nodal Officers / Coordinators / Staff working towards TEQIP-II activities. It is also stated that the institution shall lay down the norms in this regard before initiating action in this regard.
Further, it is submitted that as per the directions of the BOG Subcommittee for TEQIP-II, a three member committee was constituted. Accordingly the committee submitted a proposal for sanction of honorarium. The BOG Subcommittee considered the proposal at its eighth meeting & referred it to the BOG for approval. The Board noted the proposal and approved.

7. GOVERNANCE SELF REVIEW REPORT

The member secretary apprised the Board that a Governance Self-Review Report has to be submitted to the NPIU with the approval of the BOG. He also informed the Board that the draft Report has been reviewed by Prof. Sonde, Mentor, TEQIP-II and the same is submitted to the board.

The Board approved the Governance Self Review Report & advised the member secretary to submit the same. [Annexure-11]

8. ANY OTHER ITEM/S WITH THE PERMISSION OF THE CHAIR

8.1 AWARD OF RESEARCH/TEACHING ASSISTANTSHIP

The Board approved the award of research assistantship of Rs.18,000/- per month to the following students.

<table>
<thead>
<tr>
<th>SNo</th>
<th>Name of the Research Scholar</th>
<th>Dept.</th>
<th>With effect from</th>
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<tbody>
<tr>
<td>1</td>
<td>Smt. VARSHA B.N.</td>
<td>CV</td>
<td>1.12.2013</td>
</tr>
<tr>
<td>2</td>
<td>Sri. M.B. UJJWAL</td>
<td>CV</td>
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<tr>
<td>3</td>
<td>Smt. SHEFALI JAGWANI</td>
<td>EE</td>
<td>1.01.2014</td>
</tr>
<tr>
<td>4</td>
<td>Sri. PRAKASH D.B.</td>
<td>EE</td>
<td>1.01.2014</td>
</tr>
<tr>
<td>5</td>
<td>Sri. JAGADISHWARI V.</td>
<td>CS</td>
<td>1.01.2014</td>
</tr>
<tr>
<td>6</td>
<td>Smt. SUHASINI A.V.</td>
<td>IM</td>
<td>1.01.2014</td>
</tr>
<tr>
<td>7</td>
<td>Smt. KRITHIKA H.L.</td>
<td>BT</td>
<td>1.01.2014</td>
</tr>
<tr>
<td>8</td>
<td>Smt. KUNTUMALLA KAMALAKSHI</td>
<td>CV</td>
<td>1.12.2013</td>
</tr>
<tr>
<td>9</td>
<td>Sri. SRIMAN NARAYAN H.N.</td>
<td>CV</td>
<td>1.01.2014</td>
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</table>
The Board approved the award of teaching assistantship of Rs.8,000/- per month to the following student pursuing M.Sc[Engg] by research.

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<tr>
<th>Name of the Research Scholar</th>
<th>Dept</th>
<th>With effect from</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smt.TEESTA V.KATTE</td>
<td>BT</td>
<td>1.01.2014</td>
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8.2 DEPUTATION OF FACULTY FOR ABROAD

The Board took a note of the proposals by few faculty members seeking financial assistance from TEQIP-II for presenting their research papers in the International Research Conference to be held in March 2014 at Bangkok organized by ‘International Associations of academicians & Researchers, Indo Global Chamber of Commerce, Industries & Agriculture, The Global Open University, Nagaland, Indira Gandhi Technological & Medical Sciences University, Ziro’.

After detailed deliberations, the Board opined that the faculty participation in such conferences shall not be encouraged. The matter deferred.

The Board stressed that the participation shall be in the specific domain/area of specialization. Also the conference shall be a refereed conference in the domain; associated with Professional bodies/universities which result (outcome) in high quality papers (with impact factor & non-paid journals).

The meeting concluded with vote of thanks to the Chairs.

MEMBER-SECRETARY

CHAIRMAN