



BMS COLLEGE OF ENGINEERING, BENGALURU

Autonomous institute, affiliated to VTU

ACADEMIC COUNCIL

MINUTES OF THE MEETING OF THIRTEENTH ACADEMIC COUNCIL HELD ON 25.07.2016 IN STUDIO-11, WORKSHOP COMPLEX, BMSCE.

MEMBER PRESENT

| | | | |
|---------------------------|----------|-----------------------------|-------------|
| Dr.K.Mallikharjuna Babu | Chairman | Dr.M.S.Dharma Prakash | Member |
| Dr.G.N.Sekhar | Member | Dr.S.Jayanthi | Member |
| Dr.K.Rajanikanth | Member | Dr.Satyanandini A. | Invitee |
| Dr.Lawrence Jenkins | Member | Dr.D.N.Sujatha | Invitee |
| Dr.S.Seetharamu | Member | Dr.M.Indiramma | Invitee |
| Dr.R.Venkatram | Member | Dr.Poornima G | Invitee |
| Dr.Madhusudhan V Atre | Member | Dr.Vinod C. Aralimatti | Invitee |
| Mr.Subhashish Pal | Member | Dr.K.Guruprasad | Invitee |
| Dr.Suresh Ramaswwamyreddy | Member | Dr.Mamatha P. Raj | Invitee |
| Dr.P.Martin Jebaraj | Member | Dr.B.G.Prasad | Invitee |
| Dr.S.Muralidhara | Member | Dr.Sakey Shamu | Invitee |
| Dr.L.Ravikumar | Member | Dr.B.Ravishankar | Invitee |
| Dr.D.Seshachalam | Member | Dr.Mangala Keshava | Invitee |
| Dr.K.J.Rathan Raj | Member | Dr.A.S.Arunkumar | Invitee |
| Prof. K.R.Madhu Chand | Member | Dr.Ramakrishnaiah C.R. | Invitee |
| Dr.H.S.Guruprasad | Member | Mr.H.S.Satish | Invitee |
| Dr.Gowrishankar | Member | Dr.S.Srinivas | Invitee |
| Dr.B.Kanmani | Member | Dr.Shivashankar R. Srivatsa | Invitee |
| Dr.K. Narasimha Rao | Member | Mr.R.Ashok Kumar | Invitee |
| Dr.Samita Maitra | Member | Dr.Chetan A. Nayak | Invitee |
| Dr.H.N.Suma | Member | Dr.L.Venkatesh | For HOD, EE |
| Dr.M.Rajyalakshmi | Member | Dr.R.V.Ranganath | M.Secretary |
| Dr.T.S.Pranesha | Member | | |

At the outset, the Principal, BMSCE and Chairman, Academic Council extended a cordial welcome to all the members/invitees, faculty coordinators to the Thirteenth meeting of the academic council.

The Chairman then requested the Member-Secretary to take up the agenda items for discussion.



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SECTION 1: ITEMS FOR CONFIRMATION

1.1 CONFIRMATION OF THE MINUTES OF TWELFTH ACADEMIC COUNCIL MEETING HELD ON 25.06.2016

The minutes of the twelfth meeting of the Academic Council held on 25.06.2016 were confirmed.

SECTION 2: ITEMS FOR INFORMATION

2.1 ACTION TAKEN REPORT ON THE DECISIONS OF TWELFTH ACADEMIC COUNCIL MEETING

The Member- Secretary presented the Actions Taken Report on the decisions of the Academic Council in its Twelfth Meeting held on 25.06.2016. After discussions on the items, the Council noted and resolved to confirm the actions taken on the decisions of the Academic Council in its Twelfth Meeting with the following observations:-

| Item No. | Subject | Decision | | | | | | | | | | | | | | | | | | | | |
|----------|---|---|-----|--------------|---|----------------------------|---|----------------------------------|---|-------------------------------|---|------------------------------------|--|----------------------------|--|-----------------------|--|----------------------------------|---|---|---|--------------------------|
| 3.2 | Presentation of syllabus for 5 th and 6 th semesters by heads of UG programmes (ME, IM, CS, IS, CH and BT). | <p>The typical order of preference in respect to describing the subject areas in the scheme of various semesters would be as shown hereunder:</p> <table><thead><tr><th>SNo</th><th>Subject Area</th></tr></thead><tbody><tr><td>1</td><td>Basic Sciences (BS)</td></tr><tr><td>2</td><td>Engineering Sciences (ES)</td></tr><tr><td>3</td><td>Professional Core (PC)</td></tr><tr><td>4</td><td>Professional Electives (PE)</td></tr><tr><td></td><td>4.1 Departmental Electives</td></tr><tr><td></td><td>4.2 Cluster Electives</td></tr><tr><td></td><td>4.3 Institutional Electives (IE)</td></tr><tr><td>5</td><td>Humanities and Social Sciences (HSS)</td></tr><tr><td>6</td><td>Project Work (PW)</td></tr></tbody></table> | SNo | Subject Area | 1 | Basic Sciences (BS) | 2 | Engineering Sciences (ES) | 3 | Professional Core (PC) | 4 | Professional Electives (PE) | | 4.1 Departmental Electives | | 4.2 Cluster Electives | | 4.3 Institutional Electives (IE) | 5 | Humanities and Social Sciences (HSS) | 6 | Project Work (PW) |
| SNo | Subject Area | | | | | | | | | | | | | | | | | | | | | |
| 1 | Basic Sciences (BS) | | | | | | | | | | | | | | | | | | | | | |
| 2 | Engineering Sciences (ES) | | | | | | | | | | | | | | | | | | | | | |
| 3 | Professional Core (PC) | | | | | | | | | | | | | | | | | | | | | |
| 4 | Professional Electives (PE) | | | | | | | | | | | | | | | | | | | | | |
| | 4.1 Departmental Electives | | | | | | | | | | | | | | | | | | | | | |
| | 4.2 Cluster Electives | | | | | | | | | | | | | | | | | | | | | |
| | 4.3 Institutional Electives (IE) | | | | | | | | | | | | | | | | | | | | | |
| 5 | Humanities and Social Sciences (HSS) | | | | | | | | | | | | | | | | | | | | | |
| 6 | Project Work (PW) | | | | | | | | | | | | | | | | | | | | | |

While on the subject, the Chairman brought to the notice of the Council, that NASSCOM has predicted that the pace of hiring in the information technology industry, one of India's largest job creators, is set to slow in the coming years. NASSCOM estimates the sector to create 13%, less jobs in fiscal 2016 compared to the previous year. In light of the above, it is important that our students are equipped with the specific skill sets and are a ready workforce when they are straight out of the campus. There is need to ensure that the Curriculum addresses these concerns. Accordingly, he requested Associate Dean of CS, Dr.B.G.Prasad to coordinate with HODs of CS & IS and arrive at a plan of action to meet the future challenges.



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2.2 DETAILS OF THE BOARD OF STUDIES MEETINGS FROM MARCH 2016 TILL DATE

The BOS meetings held at various departments/clusters from March 2016 till date were noted. The proceedings of the BOS meetings are provided in **Annexure-I**.

2.3 DETAILS OF THE BOARD OF EXAMINATIONS MEETINGS FROM MARCH 2016 TILL DATE

The BOE meetings held at various departments/clusters from March 2016 till date were noted. The proceedings of the BOE meetings are provided in **Annexure-II**.

2.4 EXAMINATION REFORMS:

The Member-Secretary presented before the members of the Council, the reforms proposed in the examination practices. He placed the following for consideration and approval of the Council.

Presently, the following tasks were being carried out by the office of Controller of Examination (COE):

- i) Question Paper Setting for SEE
- ii) Conduction of SEE
- iii) Evaluation and Announcement of Results
- iv) Facilitating Re-totaling, Revaluation, Challenge Valuation if need be.

In an academic year, a total of five terminal exams are being conducted and processed. Processing of each evaluation consumes significant amount of time of the faculty and thereby reduces the effective concentration and time for regular TLP. Further, he submitted that this matter was discussed in the HODs meeting held on 30.06.2016.

The following are the proposals submitted before the Council:

- The course instructor/coordinator (if more than one instructor offering the course) shall prepare the question paper and scheme for SEE in the respective course which they are offering. Few more sets of question paper/s will be invited from external examiners. Further, evaluation of scripts with respect to those courses will also be done by respective course instructors along with moderation by external examiners. This modification is intended to reduce the total time taken for evaluation in SEE.
- The course instructor shall complete evaluation within five days of completion of Semester End Examination for a particular course.



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- The students will be provided with an opportunity to see their answer scripts (of each course) after completing evaluation and announcing the results as per the time schedule intimated well in advance. The proposed process will bring in more transparency and reduce number of cases of re-totaling/revaluation.
- A student aggrieved by the marks awarded to him/her in any course can appeal in this regard. The Departmental Grade Evaluation Committee (DGEC) formed by the Chairman, BOE of their respective departments/clusters and the respective course instructor will look into the grievance and forward the application along with their recommendation (not later than the next working day) to the office of COE for further needful action.
- The faculty/staff involved in examination malpractice is liable to be punished for dereliction of duty by the competent authority.

After due deliberations, the Council felt that it is important to derive a procedure for disclosure of answer sheets. With this observation, the Council approved the proposals submitted by the Controller of Examinations. These guidelines will come in to force from the next academic year i.e., 2016-17.

SECTION 3: ITEMS FOR INFORMATION/RATIFICATION/APPROVAL

3.1 CONDUCTION OF FAST TRACK SEMESTER

The Member-Secretary presented before the Council, the modifications proposed with regards to conduction of Fast Track Semester.

Currently, the Fast Track Semester is being conducted for a maximum of 8 weeks with double the teaching load as compared to a regular semester. It was of the opinion of many faculty that, implementation of such a teaching load is not practical and many a time, students who are primarily slow learners are not able to keep up with the pace. Further, conducting **three** tests and **two** quizzes for CIE in a short span of 6 weeks is not serving the purpose of evaluating learning outcomes.

Accordingly, it is proposed to make some modifications in the conduction of fast track semester which are as provided hereunder:

1. The number of credits permitted to register in a Fast track semester shall be limited to a **maximum of 12 credits**.



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2. The Fast Track Semester can be conducted with a maximum of 24 contact hours/semester with mentoring from the concerned faculty member for formative assessment. As the students who register for the course(s) in Fast Track semester have gone through the same course(s) in regular semester, refreshing the concepts coupled with home assignments will be sufficient to facilitate their learning.

3. Assessment Pattern:

3.1: Regular/Normal Course:

Two tests for assessment of CIE in **regular/normal courses**.

| COMPONENT | THEORY | | TOTAL MARKS |
|--------------------|--------|-------------|-------------|
| Type of Assessment | Test | Quiz or AAT | |
| Max. CIE Marks | 40 | 10 | 50 |

3.2: Integrated Course:

Two tests for **theory component** and the **Lab component** as carried out in a regular semester.

| COMPONENT | THEORY | | PRACTICAL | | | TOTAL MARKS |
|--------------------|--------|----------|-----------------------|----------|----------------|-------------|
| Type of Assessment | Test | Quiz/AAT | Records & Performance | Lab Test | Viva-voce /AAT | |
| Max. CIE Marks | 20 | 05 | 10 | 10 | 05 | 50 |

3.3. Comprehensive Course:

The assessment of **comprehensive course** is similar to that of Integrated Course in respect of Theory and Practical components. The **marks obtained for self-study component in the regular semester shall be carried forward during the Fast track semester** (i.e., the marks obtained under self-study component remain same)

| Component | Theory (50%) | | Practical (30%) | | Self-Study (20%) | Total Marks |
|--------------------|--------------|------|-------------------------|----------|------------------|-------------|
| Type of Assessment | Test | Quiz | Lab Performance/ Record | Lab Test | AAT | |
| Max. CIE Marks | 20 | 05 | 10 | 05 | 10 | 50 |



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After discussions and deliberations, the Council approved the proposals with the following recommendations:

- There shall be no reduction in grade for the student at the end of fast track semester. The student, however, becomes ineligible for medals and prizes, which are based on academic performance.
- The Chairman opined that the above decision of the Council to be made applicable to all the students of all programmes leading to bachelor's degree with immediate effect.

3.2 PRESENTATION OF SCHEME FOR 1ST TO 4TH SEMESTERS OF PG PROGRAMMES UNDER AUTONOMY.

The Scheme for the 1st to 4th semesters of PG Programmes under autonomy was placed on table. The Programme Coordinators / HODs made a brief presentation of various aspects of the scheme for their respective PG programme as proposed.

The Council made the following suggestions & observations with respect to PG (M.Tech.) Programme based on the presentations:

1. Each semester shall have uniform distribution of credits i.e. 25 Credits/Semester.
2. In the first two semesters, students shall have opportunity to study advanced areas pertaining to the course and during third and fourth semester the entire duration to be allocated for Industrial Training (Internship) in companies and Project Work coupled with technical seminars if required.
3. The Programme Coordinators shall liaise with the Placement Center to provide facilities for internship. They shall also guide the students prior to the internship period so that he/she knows exactly what will be the content of the internship and the company he/she will join.
4. The department shall explore the possibilities of entering into Internship agreement with various reputed companies specific to the programmes offered by them.
5. The department should monitor the progress of student during the period of internship by regularly scheduling evaluation and seeking periodical progress report.
6. The departments shall develop rubrics for evaluating the performance of students who undergo internships.

The Council authorized the Chairman to constitute a sub-committee to finalize the scheme for the PG (M.Tech.) Programmes based on the above suggestions. It was desired that the whole exercise of review of syllabus for the PG (M.Tech.) Programme should be completed by 25th August 2016. The same may be placed before the Council at its next meeting for ratification.



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The Scheme for the PG Programmes of MBA, MCA, and M.Arch. (Habitat Design) were approved by the Council the following observations:

M.Arch. (Habitat Design)

1. Each semester shall have uniform distribution of credits i.e. 25 credits/semester.
2. The Council noted that the professional training for M.Arch. student will be for duration of **eight weeks** after completion of 2nd Semester and before the commencement of 3rd semester.

Master of Computer Application (MCA)

1. Each semester shall have uniform distribution of credits i.e. 25 credits/semester
2. The functional English course to be renamed as professional communication if it has to be credited.

Master of Business Administration (MBA)

1. Each semester shall have uniform distribution of credits i.e. 25 credits/semester.
2. Zero credit courses like foreign language and English courses need not be listed in the list of courses.
3. English language screening test to be conducted for enrolment to English course.
4. Seminar should be shown under practical component.
5. The conditions regarding offering of mandatory and audit courses to be suitably reframed

3.3 PRESENTATION OF SYLLABUS FOR 1ST AND 2ND SEMESTERS OF PG PROGRAMMES UNDER AUTONOMY.

The Academic Council approved the syllabus for the 1st and 2nd Semesters of all PG Programmes under Autonomy.

3.4 CANCELLATION OF ADMISSIONS DURING THE ACADEMIC YEAR 2015-16

The Council noted the list of students who have cancelled their admissions during the academic year 2015-16 and list of PIO students who have cancelled their admissions for the academic year 2015-16 (from January 2016 till date) and ratified/approved the same. **(Annexure-III).**



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SECTION 4: ANY OTHER SUBJECT WITH PERMISSION OF THE CHAIR

- a) The Member-Secretary informed the Council that the UGC has recommended a 10-point grading system to maintain minimum standards and quality across the Higher Educational Institutions in India which is different from VTU. With this the UGC aims to facilitate student mobility across institutions within and across countries to enable potential employers to assess the performance of the students.

Letter Grades and Grade Points

| Letter Grade | Grade Point |
|------------------|-------------|
| O (Outstanding) | 10 |
| A+(Excellent) | 9 |
| A(Very Good) | 8 |
| B+(Good) | 7 |
| B(Above Average) | 6 |
| C(Average) | 5 |
| P (Pass) | 4 |
| F(Fail) | 0 |
| A (Absent) | 0 |

The Council requested the Member-Secretary to communicate to the University (VTU) in this regard and place it before the next meeting for consideration.

The meeting ended with thanks to the Chair.

Rayth R.V.
DEAN (ACADEMIC)

Noron
PRINCIPAL