



## BMS COLLEGE OF ENGINEERING, BENGALURU

Autonomous institute affiliated to VTU

### ACADEMIC COUNCIL MEETING # 10 | 29.02.2016| MINUTES OF THE MEETING

MINUTES OF THE TENTH MEETING OF THE ACADEMIC COUNCIL HELD ON 29.02.2016 AT 3.30 PM IN STUDIO 11, THIRD FLOOR, WORKSHOP COMPLEX, BMSCE.

#### MEMBER PRESENT

Dr.K.Mallikharjuna Babu	Chairman		
Dr.G.N.Sekhar	Member	Dr.Gowrishankar	Member
Dr.K.Rajanikanth	Member	Dr.B.Kanmani	Member
Dr.Lawrence Jenkins	Member	Dr.K. Narasimha Rao	Member
Dr.S.Seetharamu	Member	Dr.Samita Maitra	Member
Dr.R.Venkatram	Member	Dr.H.N.Suma	Member
Dr.Madhusudhan V Atre	Member	Dr.M.Rajyalakshmi	Member
Mr.D.V.Jagadish	Member	Dr.T.S.Pranesha	Member
Mr.Veerendra Kumar	Member	Dr.M.S.Dharma Prakash	Member
Mr.Subhashish Pal	Member	Dr.S.Jayanthi	Member
Mr.Eckhard Neise	Member	Dr.M.Indiramma	Member
Dr.Vinod C. Aralimatti	Member	Dr.Santhosh R. Desai	Member
Dr.P.Martin Jebaraj	Member	Dr.Suresh Ramaswwamyreddy	Invitee
Dr.S.Muralidhara	Member	Dr.K.Guruprasad	Invitee
Dr.L.Ravikumar	Member	Dr.Mamatha P. Raj	Invitee
Dr.D.Seshachalam	Member	Dr.R.V.Ranganath	Invitee
Dr.K.J.Rathan Raj	Member	Dr.B.G.Prasad	Invitee
Prof. K.R.Madhu Chand	Member	Dr.Ravishankar Deekshit	M.Secretary
Dr.H.S.Guruprasad	Member		

#### LEAVE OF ABSENCE

Smt.G.Poornima	Member
Dr.Venkateshwaran Narayanan	Member
Dr.S.Nagendra	Invitee
Dr.H.S.Jagadeesh	Invitee
Dr.B.Ravishankar	Invitee

At the outset, Dr.K.Mallikharjuna Babu, Principal, BMSCE and Chairman, Academic Council extended a cordial welcome to all the members/invitees to the tenth meeting of the Academic Council. The Chairman also extended a warm welcome to Dr.Eckhard Neise, CTO, TATA Advanced Materials. The Director R&D then introduced Dr. Eckhard Neise to the members of the Council by reading his profile.

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



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The Member-Secretary invited the students of different departments to share their remarks / opinions / suggestions on the TLP.

Many students expressed their happiness over the offering of self-study through Comprehensive courses and its outcomes. They opined that Self-Study has provided them an opportunity to enhance their critical thinking abilities and competence to learn on their own (helps in life-long learning). The following inputs were also provided by the students.

CV	Student need to have more engagements with industry professionals throughout the year. This would enable students to know the current industry practices and latest developments
EE & ML	Fourier transforms to be made part of mathematics syllabus in 3 <sup>rd</sup> Sem to facilitate better understanding of Signals and systems offered during 4 <sup>th</sup> Semester of their study
EE	The students would be studying the graph theory in their 4 <sup>th</sup> Semester as part of discrete Mathematics course. However, knowledge of graph theory is required in the 3 <sup>rd</sup> semester itself for the Linear Circuit Analysis course.
BT	There is a need to fix specific target and time limit to delivery and evaluation of Self-Study Component.

The Council welcomed the inputs of the students and opined that their feedback would enable the Institution to evaluate the effectiveness of learning processes. Dr.K.Rajinikanth informed that their inputs are highly valued and will be suitably considered by the Council

The Chairman then made a brief presentation on the approaches adopted by the Institution with focus on student centered learning. The report encompassed creating life-long learning opportunity through student centered learning approaches and its implications (**Annexure I**). While on the subject, the Chairman advised the HODs to keep all the stakeholders apprised about any new equipment/facilities augmented by the department.

The Chairman informed the members that BMSCE hosted an inter-collegiate technical event 'Phase Shift' during 19<sup>th</sup> and 20<sup>th</sup> of September 2015. The main objective of Phase-Shift is to expose student skills (through project) to outside world. Many industry experts and students of various technical institutes from across the state participated in this unique event. Students were witness to versatile atmosphere of technical competitions, workshops based on trending technology, talks by eminent professors, and seminars by company executives and other events. A video of the event was also presented to the Council.



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**SECTION 1: ITEM FOR CONFIRMATION**

**1.1. CONFIRMATION OF THE MINUTES OF NINTH ACADEMIC COUNCIL MEETING HELD ON 26.06.2015**

The minutes of the meeting of the ninth Academic Council held on 26.06.2015 were confirmed.

**SECTION 2: ITEMS FOR INFORMATION**

**2.1 ACTION TAKEN REPORT ON THE DECISIONS IN NINTH ACADEMIC COUNCIL MEETING**

The Member-Secretary presented the Action Taken Report on the decision taken in the ninth meeting of the Academic Council held on 26.06.2015. The Council took note and expressed its satisfaction.

**2.2 A BRIEF REPORT ON THE ACADEMIC ACTIVITIES FOR THE PERIOD FROM JULY 2015 TILL DATE**

The Chairman made a brief presentation on the progress of the Institution with regard to academic activities for the period 2015-16. The Council appreciated progress in terms of academic activities in various parameters (**Annexure II**).

The Chairman further informed that the following Administrative changes/nominations have been made since the ninth AC meeting:

- Dr.B.V.Ravishankar, Professor, Department of Civil Engineering-Dean First Year (BE) is placed as Incharge-Principal, BMSECE w.e.f. 01.02.2016
- Dr. K. Guruprasad, Professor and Dean (ME) is placed as Dean-First Year (BE) w.e.f. 16.02.2016
- Dr. Suresh Ramaswamyreddy, Professor, Department of Civil Engineering is placed as Controller of Examination (COE)-Designate with effect from 15.02.2016. Dr. Vinod C. Aralimatti, Controller of Examinations (COE) shall hand over the charge of the office of COE to Dr. Suresh Ramaswamyreddy on 14.03.2016

The Council noted the nominations and also placed on record its appreciation for the services rendered by them in the positions previously held. The Council particularly appreciated the efforts of Dr.Vinod C Aralimatti who served as Controller of Examination since the institution became autonomous, i.e. 2008-09.



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The Chairman informed the Council that, the College has made a request to the distinguished external Academic Council members to make a brief presentation in their areas of expertise and advise the Council. He further informed that, three members will be making brief presentations during this meeting.

Mr.D.V.Jagadish, made a brief presentation on the benefits derived through outreach and engagement with external sources. The presentation covered the objectives & benefits, Scope/Coverage, Skills & Competencies, Structure & Budget and measurement. The presentation also emphasized on the benefits of having strong industry relationships, brand building, Alumni relations and other outside functions. – A hardcopy of the report is provided at **Annexure III**.

Dr.Venkataram emphasized that instead of sharing only knowledge, we should embark upon knowledge generation. He stressed upon the importance of imparting practical aspects of engineering education to students:

- The Institution should encourage large scale industry interaction in terms of internship, projects, consultancy and sponsored research
- The student projects should be directed to solve problems related to society
- The Institution can draw expertise from external sources through a portal/platform consisting of external experts as mentors who would share their expertise and guide the interested students
- To encourage quality assessment in terms of learning outcomes like knowledge and analytical thinking
- The personality development and value added programmes like Yoga, meditation along with academics would enable an engineer to contribute to the society

Dr.S.Seetharam, presented a brief report on the concept of Laboratory Accreditation and benefits of third-party certification of the competence of laboratories to perform specific type(s) of testing and calibration. He then provided a brief introduction of the National Accreditation Board for Testing and Calibration Laboratories (NABL) and benefits of laboratory accreditation by NABL. He suggested that BMSCE should opt for NABL accreditation of its Laboratories which is based on internationally accepted standards of Lab accreditation. The NABL certifies the laboratories based on the equipment quality, competence of the staff, testing methodology and other parameters. Customer confidence and continuous improvement are some of the outcomes of Lab Accreditation.



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**2.3 A REPORT ON IMPLEMENTATION OF COMPREHENSIVE COURSES  
(NEWLY INTRODUCED FROM THE AY 2015-16)**

A detailed report on implementation of comprehensive courses (introduced from the AY 2015-16) was placed on table.

The Member-Secretary informed the Council that a Curriculum Design & Development (CDD) meeting was held on 19th and 20th of October 2015 for the faculty handling third semester comprehensive courses to discuss the innovative methods/practices adopted.

Dr.K.Rajinikanth who chaired the CDD session on comprehensive Course, opined that the discussions with the students and faculty were fruitful. The students, while expressing their appreciation of the innovative change brought about by the comprehensive course also gave their inputs towards further improving teaching learning process. During the course of the deliberations, he provided the following feedback/suggestions:

- The Assessment pattern should be made very clear to the students
- The students must be allowed to take up this activity in more structured and methodical manner. The faculty needs to plan the activity. All necessary tools must be provided to the students.
- The students feel that Comprehensive courses will enhance their understanding of the course.

Dr.K.Rajinikanth complimented the college for taking up this novel concept which helps the students to acquire practical knowledge and introduces them to project planning, communication skills etc.; overall the knowledge acquisition of the learners will enhance.

**2.4 DETAILS OF THE BOARD OF STUDIES MEETINGS**

The date(s) of the BOS Meeting held as on date were noted – (**Annexure IV**).

**2.5 DETAILS OF THE BOARD OF EXAMINATION MEETINGS**

The date(s) of the BOE Meetings held as on date were noted – (**Annexure V**).

**2.6 A REPORT ON DISTRIBUTION OF COURSES BASED ON COURSE TYPE,  
COURSE CREDITS AND SUBJECT AREAS**

The Chairman presented a brief report on courses distribution based on course types, course credits and subject areas of various UG programmes. The same was noted by the Council (**Annexure-VI**).



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**SECTION 3: ITEMS FOR INFORMATION/RATIFICATION/APPROVAL**

**3.1 PROGRAMME SPECIFIC OUTCOMES (PSOs); BRIEF PRESENTATION BY HODS**

The Member-Secretary informed the Council that Prof. R.V.Ranaganath had conducted a workshop on the attainment of POs/PSOs in lines with the new SAR format of National Board of Accreditation, New Delhi. The workshop was conducted on 03.02.2016.

Dr.R.V.Ranganath briefed the members that in accordance with the new SAR format of NBA, each (UG) programme should define the Programmes Specific Outcomes (PSOs). Accordingly the PSOs defined for UG programmes are placed on the table for the perusal of the Council.

The Council opined that while most of the departments have effectively stated their PSOs, few departments are unclear in terms of their PSOs. The Council requested Dr.R.V.Ranganath to conduct one more review meeting for such programmes to ensure that the objectives of PSOs are clearly defined.

**3.2 TEMPORARY WITHDRAWAL FROM THE PROGRAMME BY THE STUDENTS FOR THE AY 2015-16**

The Council noted the list of students who have temporarily withdrawn from the programme for the AY 2015-16 and approved the same.

**3.3 CANCELLATION OF ADMISSIONS DURING THE ACADEMIC YEAR 2014-15 & 2015-16**

The Council noted the list of students who have cancelled their admissions during the academic year 2015-16 and ratified the same.

**3.4 SCHEME FROM 5<sup>TH</sup> TO 8<sup>TH</sup> SEMESTER COURSES FROM AY 2016-17**

The Scheme & Syllabus from 5th to 8th semester courses of various UG programmes were placed on table. During the deliberations, some of the members expressed the need for an in-depth review and understanding of scheme and syllabus.

The Chairman suggested that a sub-committee comprising of members of the Council and other experts to be constituted to conduct detailed review of the scheme and syllabus. The Chairman requested the HODs to make a detailed presentation of scheme and syllabus of all the courses (first to final year) before the sub-committee. The Departmental Advisory



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Committee (DAC), Alumni, few BOS members and students may be invited to participate in the presentation. The Chairman specially requested the Council members to be part of the sub-committee. The details of the scheduled departmental visit will be made known to the HODs.

The Chairman also informed that consideration of scheme and syllabus will be taken up after the visit of the Sub-Committee to various Departments. Two meetings of the Academic Council (March/April 2016) would be scheduled wherein the scheme and syllabus will be considered based on the observations/recommendations of the sub-committee.

#### **3.5 MODIFICATIONS IN THE ACADEMIC RULES & REGULATIONS (AMENDED JUNE 2015)**

The Council ratified the modifications made in the Academic Rules & Regulations (Amended in June 2015). The same is shown in **Annexure-VII**.

#### **3.6 EXTENDING DURATION OF B.E. PROGRAMME FOR SHIVANAND PUJARI, STUDENT OF BIOTECHNOLOGY - USN 1BM07BT031**

The Member-Secretary informed the Council that Mr.Shivanand Pujari a student of Biotechnology - USN 1BM07BT031 joined for BE programme during the Academic Year 2007-2008. As the institution become autonomous during 2008-09, he migrated from university (VTU) to autonomous scheme and completed eight years of study during 2014-15. He had four backlogs at the end of the AY 2014-15. He requested to extend the duration for completion of BE program by one year i.e. up till 2015-16. The Principal constituted a sub-committee to consider the issue and submit its recommendations. The Committee recommended conditional continuation of his studies. The condition being an approval from the university (VTU) for continuance and approval/ratification by the College Academic Council. The VTU vide its notification dated 14.09.2015 had granted permission for students who were admitted in AY 2007-08 to appear for University exams till July 2016.

The Council noted the details pertaining to Mr.Shivanand Pujari & taking cognizance of the VTU notification dated 14.09.2015, the Council decided to extend the duration of B.E. programme by one year i.e., up till end of AY 2015-16 for Mr.Shivanand Pujari as a special case.



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**SECTION 4: ANY OTHER SUBJECT WITH PERMISSION OF THE CHAIR**

- a) The Chairman informed the Council that BMSCE established in the year 1946 has successfully completed 70 years of its journey in promoting engineering education. The institution is gearing up to celebrate the occasion in a befitting manner. The Chairman extended a very cordial invitation to all the members of the Council to the celebrations.

The meeting ended with thanks to the chair.

  
DEAN (ACADEMIC)

  
PRINCIPAL