BMS COLLEGE OF ENGINEERING, BENGALURU
Autonomous institute, affiliated to VTU

MINUTES OF THE MEETING OF FOURTEENTH ACADEMIC COUNCIL HELD ON 10.04.2017 IN STUDIO-11, WORKSHOP COMPLEX, BMSCE.

MEMBER PRESENT

Dr.K.Mallikharjuna Babu	Chairman	Dr.S.B.Bhanu Prashanth	Member
Dr.B.V.Ravishankar	Member	Dr.Savithri M. Bhat	Member
Dr.K.Rajanikanth	Member	Dr.Mamatha M.N	Member
Dr.Lawrence Jenkins	Member	Dr.Murugendrappa M.V.	Member
Dr.S.Seetharamu	Member	Dr.M.S.Dharma Prakash	Member
Dr.R.Venkatram	Member	Dr.P.Geethavani	Member
Mr.Veerendra Kumar Girdhar	Member	Dr.M.Indiramma	Member
Mr.Subhashish Pal	Member	Dr.Santosh R. Desai	Member
Dr.Jagadish D.V.	Member	Dr.S. John Manohar	Invitee
Dr.Suresh Ramaswwamyreddy	Member	Dr.D.N.Sujatha	Invitee
Dr.S.Maya Naik	Member	Dr.Mamatha P. Raj	Invitee
Dr.L.Ravikumar	Member	Dr.H.S.Jagadeesh	Invitee
Dr.C. Lakshminarayana	Member	Dr.B.Ravishankar	Invitee
Dr.G. Poornima	Member	Dr.Mangala Keshava	Invitee
Dr.K.J.Rathan Raj	Member	Dr.Archana K. Bhat	Invitee
Dr.Rajeshwari Hegde	Member	Ms.Smita Mujumdar	Invitee
Dr.B.G.Prasad	Member	Dr.B. Kanmani	M.Secretary
Dr.Radhika K.R.	Member		

At the outset, the Principal, BMSCE and Chairman, Academic Council extended a cordial welcome to all the members/invitees, to the Fourteenth meeting of the Academic Council. The Chairman welcomed the new internal members/Invitees and introduced them to the other members of the Academic Council.

1	Dr.B.V.Ravishankar, Vice Principal	8	Dr.Radhika K.R. - HOD, IS
2	Dr.B.Kanmani, Dean (Academic)	9	Dr.Rajeshwari Hegde - HOD,TE
3	Dr.S. Muralidhara Dean (First Year B.E.)	10	Dr.Rameshaiah G.N. - HOD, CH
4	Dr. Maya Naik - HOD, CV	11	Dr.Mamatha M.N. - HOD, IE
5	Dr. C. Lakshminarayana - HOD, EE	12	Dr.Savithri M. Bhat - HOD,
6	Dr. G. Poornima - HOD, EC	13	Dr.Murugendrappa M.V. - HOD, PHY
7	Dr. B.G.Prasad - HOD, CS	14	Dr.P. Geethavani - HOD, MATH

He further emphasized that, he looks forward to their cooperation and continued support in further academic endeavors.

The Chairman then took up the agenda items for discussion.

SECTION 1: ITEMS FOR CONFIRMATION

1.1 CONFIRMATION OF THE MINUTES OF THIRTEENTH ACADEMIC COUNCIL MEETING HELD ON 25.07.2016

The minutes of the thirteenth meeting of the Academic Council held on 25.07.2016 were confirmed.

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

The Action Taken Report on the decisions of the thirteenth Academic Council were noted by the Council and approved.

While on the course, the Chairman informed the members that, the department of Architecture is in the transitional mode for becoming BMS College of Architecture under VTU.

SECTION 2: ITEMS FOR INFORMATION

2.1 EXTENSION OF AUTONOMOUS STATUS FOR BMS COLLEGE OF ENGINEERING BY UNIVERSITY GRANTS COMMISSION (UGC) FROM THE AY 2016-17 TO 2021-22

The Chairman informed the members that, the University Grants Commission (UGC) Expert Committee visited the Institution and conducted evaluation on 26.08.2016 and 27.08.2016 towards extension of autonomous status. Further, the UGC through its communication dated 28.02.2017 has granted extension of Autonomous status for both Undergraduate and Postgraduate programmes of BMS College of Engineering for further period of six year w.e.f. 2016-17. **(Annexure-I)**

The VTU through it communication dated 04.04.2017 has extended autonomous status to BMS College of Engineering from 2016-17 to 2021-22. **(Annexure-II)**

The members noted and appreciated the efforts put-forth by the Principal, Vice Principal, Deans, HODs and all the faculty members in this regard.

2.2 BMSCE RANKING IN NATIONAL INSTITUTIONAL RANKING FRAMEWORK (NIRF) RELEASED BY MHRD FOR THE YEAR 2017

The Chairman informed the members that, The BMS College of Engineering was ranked 52nd among top engineering institutions across the country by National Institutional Ranking Framework (NIRF) launched by Ministry of Human Resource Development (MHRD). The ranking was released on April 3rd, 2017 on NIRF official website.

The Chairman thanked Deans, HODs faculty for their contribution and emphasized on the importance of Research, Professional Practice and Collaborative learning (RPC). He informed the HODs to take cognizance of the above parameters and work towards getting better ranking.

The Council congratulated the Management, Principal, Vice Principal, Deans, Faculty and all the stake holders for the accomplishment and wished for greater success.

2.3 REPORT ON CONDUTION OF EXAMINATION AND RESULTS FOR UG AND PG PROGRAMMES BY CONTROLLER OF EXAMINATION (COE).

The Member Secretary requested the Controller of Examination to brief on the process for conduction of examination for PG programmes and Result analysis of UG programmes.

The Controller of Examinations presented a brief report on PG examination process as follows:

Setting the Question Papers: The concerned course instructors have autonomy to prepare question paper and the Scheme. The COE can also get additional question papers and schemes from outside examiners, if required.

Evaluation of Answer Books:
- The office of COE will hand over the packets to the respective HODs after the completion of examinations. The HODs need to distribute the packets to the respective faculty handled the course and the faculty duly acknowledge the receipt of the same.
- The Faculty evaluates the scripts and prepares the marks sheets and hand over the same to the office of COE through the Head of the Department/BOE Chairperson.
- Evaluation process must get over within 5 working days from the last day of completion of examinations.

The statistics of Result Analysis is provided in **Annexure-III.**

Disclosure of Answer scripts for PG students:

- The concerned faculty shall distribute/show the scheme to the students and also the valued scripts on a designated day. If there are any discrepancies in the valuation, the student has to bring the same to the concerned faculty and intern faculty should bring it to the notice of HOD/BOE chairperson. Then he/she shall prepare one more corrected copy of the marks sheet and hands over the same to the HOD.

- The HOD/ BOE Chairperson shall hand over the answer scripts, schemes along with the corrected copy of the marks sheets to the office of COE with a brief report about the discrepancies.

Disclosure of Answer scripts for UG students:

- Book seeing shall be only after the results are announced.

- Only those scripts in which a student obtained 'F' Grade are allowed.

- Book seeing shall be for two days and the office of COE shall draw a time table for showing the same.

- On the day of Book seeing, it is mandatory for the BOE chairpersons to be present during the entire process.

- During the process, the student shall be given a prescribed form along with the script. After going through the script, if the student finds any discrepancies in valuation and totaling, the student should fill the same in the form and hand it over to the BOE Chair.

- The BOE chair shall scrutinize the forms and in genuine cases, he /she should invite the concerned faculty to correct the discrepancy and prepare a brief report on the type of discrepancies and send it to the office of COE for further action.

The Chairman informed the Council that, 84% is the Institutional average for UG & PG results under autonomous. For an autonomous institution, this success rate is appreciated as the success rate has good distribution about the average.

Dr.K.Rajanikanth felt that, the Autonomous institutions normally have a range of 75-80% success rate. However, the students (both UG & PG programmes) had performed well in the Examinations, except few departments. He also felt the need for improvement of results for those departments having success rate below 75%.

2.4 REPORT ON SEMESTER END EXAMINATION QUESTION PAPER AUDIT CONDUCTED DURING MARCH 2017 BY COE.

The COE made a brief presentation on Semester End Examination (SEE) Question Paper Audit during March 2017. The presentation covered the Audit Format, sample Question Papers and sample Evaluation Report of Question papers. The presentation also emphasized on:

- Inclusion of Bloom's Taxonomy in the SEE Question papers set by course teacher.
- Ensuring the SEE Question papers set by External Examiners also include Bloom' levels in standardizing the question papers.

A hardcopy of the report on SEE question paper audit is provided at **Annexure-IV**.

The Council appreciated the statistics presented by the Controller of Examination with the following observations:

i) The remarks given for the SEE question paper audit should be more specific.
ii) A detailed effective feedback shall be collected regarding the audit, including SEE answer scripts and also the scheme.

2.5 REPORT ON ACADEMIC AUDIT CONDUCTED DURING FEBRUARY 2017 BY INTERNAL QUALITY ASSURANCE CELL (IQAC).

Dr. Mangala Keshava, Director-IQAC briefed the importance of Academic Audit to sustain quality of education by practicing innovative methodologies. The process of quality assurance process involves the following factors:

- Quality Improvement – through accreditation processes
- Quality Sustenance – through conduction of academic audits
- Quality Enhancement- though quality improvement and sustenance.

The process involved in the conduction of Academic Audit is as follows:

The academic audit was conducted at three levels -

i) **Faculty level (self-analysis):** Each faculty members shall do the self-analysis by covering all the parameters given in the format and submit the same to the DAC/AAC committee for verification. The important parameters observed are:

Course Outcomes	Course end survey
CO-PO mapping	CIE-SEE Correlation factor
Assessment Tools/Analysis	CO Attainment
CIE bar graph & SEE Grade distribution	Best Practices through the course

ii) **Department level:** The Academic Audit Committee of the department (AAC) will verify the following data submitted by the faculty members and a report will be prepared and submitted to the Director-IQAC.

    i) Best Academic Practices of the department
    ii) List of courses which need COs to be redefined
    iii) List of courses where the CIE distribution is of concern
    iv) List of courses where CIE-SEE correlation is of concern
    v) Any other:
- Rubrics followed for evaluation of Project/Seminar /Internship
- Audit of Project/Seminar/Internship
- Status of course files

iii) **Institute level:** The Director- IQAC team visited the departments, recorded the best academic practices in the department, areas for improvement, Audit of Project/Seminar/Internship, copy of department audit etc. and prepared a consolidated report. The same was submitted to the Principal.

The academic audit was conducted at different phases is as follows:

1	Self-Analysis by Faculty	9th to 16th January 2017
2	Audit by DAC/AAC	18th to 20th January 2017
3	Audit by IQAC Team	23rd to 25th January 2017

The Council appreciated the initiative taken by the Director (IQAC) with a submission to include a column in the Department Level format for suggestions for improving delivery methods.

2.6 REPORT ON PLACEMENTS OF UG AND PG PROGRAMMES FOR THE AY 2016-17

Dr. B. Ravishankar, Placement Officer informed the Council that, 1074 students of UG and PG programmes have been placed (with 89%) in various industries/companies for the AY 2016-17. The offers from the Core Companies have gradually increased. The detailed report on Placement details is provided in **Annexure-V**.

The Chairman informed the HODs to make note of the above and ensure suitable measures taken for improvement in the percentage of placement for both UG and PG programmes.

The Council suggested that:

i) Detailed feedback shall be collected from the industry personals to systematize the mechanism of feedback.

ii) The internship shall not be clubbed with the placement while presenting the statistics of placements.

2.7 DETAILS OF THE BOARD OF STUDIES (BOS) MEETINGS HELD FROM AUGUST 2016 TILL DATE

The dates of BOS meetings held on date were noted. The copy of minutes of BOS meetings is provided in **Annexure-VI**.

2.8 DETAILS OF THE BOARD OF EXAMINATIONS (BOE) MEETINGS HELD FROM AUGUST 2016 TILL DATE

The dates of BOE meetings held on date were noted. The copy of minutes of BOE meetings is provided in **Annexure-VII**.

SECTION 3: ITEMS FOR APPROVAL (UG)

3.1 APPROVAL OF SYLLABUS OF VII AND VIII SMESTER (FOR THE APPROVED SCHEME) FOR UG PROGRAMMES

The Academic Council approved the syllabus for the VII and VIII semester courses as proposed by the respective BOS with the following observation (**Annexure-VIII**):
MECHANICAL ENGINEERING:

The Council felt that, credit(s) may not be awarded for the students who attend GATE exam as a common uniform policy for various programmes is not evolved.

3.2 APPROVAL OF LIST OF HSS ELECTIVE COURSES ON LIFE SKILLS (1 CREDIT)

The Council welcomed the proposal of introducing HSS Elective courses on Life Skills for **One Credit**. However, the members opined that:

i) The HSS courses can be introduced at the earlier stage of the program i.e. in first year. Capsuled in one department, the student may be allowed to make his/her choice of selecting the course.

ii) The faculty shall evolve a well-defined delivery methods and assessment patterns for the HSS courses and inform the students in advance.

iii) These HSS activities may be carried out during the program, however, based on the rubrics, the credits are to be awarded during the VIII semester.

The highlights of HSS Elective are provided in **Annexure-IX.**

3.3 APPROVAL OF LIST OF INSTITUTE ELECTIVE COURSES FOR VII AND VIII SEMESTER UG PROGRAMMES

The Dean (Academic) presented the VII and VIII semester Institute Electives. She informed that, a total of 70 courses being offered by various departments (including Engineering Sciences) for VII and VIII semesters students. Out of 70 courses, 55 courses offered are open to students from all departments, including the parent department and 15 courses offered are open to only students of other departments, and excluding the parent department.

The Council perused and approved the list of Institute Elective courses for implementation from the academic year 2017-18. **(Annexure-X)**

3.4 APPROVAL OF VERTICAL PROGRESSION ADDITIONAL CLAUSE

The, Controller of Examinations informed the Council that, presently a student can carry a maximum of four 'F' grades, and has a maximum of **FIVE** attempts for any course. As a result few students who have earned close to 196 credits have not cleared one or two courses of the lower semesters. In addition, they have completed close to five attempts. In such cases the student needs to be terminated from the program.

THE EXISTING CLAUSE:

1. ODD Semester to EVEN Semester Complete (free) mobility

2. EVEN to ODD Semester

    i. Can carry a maximum of 4 'F's - A candidate is eligible for promotion from even semester to odd semester (i.e. to next academic year) provided, the candidate has not failed in more than four courses.
    ii. Obtain a minimum CGPA and SGPA of 5.0

3. Maximum number of attempts per course FIVE

PROPOSED CLAUSE:

A candidate is eligible for promotion from even semester to odd semester (i.e. to next academic year) provided, the candidate has not failed in more than four courses of passing of the immediately preceding two semesters and has passed in all the courses of all the still lower semester examinations. For example:

a) A candidate seeking eligibility to 3rd semester should not have failed in more than 4 courses of passing of 1st and 2nd semesters taken together.

b) A candidate seeking eligibility to 5th semester should have passed in all the courses of 1st and 2nd semesters and should not have failed in more than 4 courses of passing of 3rd and 4th semesters taken together.

c) A candidate seeking eligibility to 7th semester should have passed in all the courses up to 4th semester and should not have failed in more than 4 courses of passing of 5th and 6th semesters taken together.

After detailed deliberations, the council opined that, as of now, the College is guided by the University statutes which clearly states that, a student unable to pass a course to earn credits in-spite of **FIVE ATTEMPTS,** have to withdraw from the programme and leave the College. Hence, the council deferred the proposal and requested the Member-Secretary to communicate the proposed clause to the University (VTU) and seek guidance/approval, for implementing the same.

While on the subject, the Council suggested to strengthen the proctoring for the weak students. Dr. S. Muralidhara, Dean (First Year B.E.) informed the members that, a professional Counselor is appointed to assist and guide the academically weak students on personal or psychological difficulties.

The Council noted the initiative taken in this regard.

3.5 RATIFICATION OF CANCELLATION OF ADMISSIONS DURING THE ACADEMIC YEAR 2016-17

The Council noted the list of students who have cancelled their admissions during the academic year 2016-17 and ratified the same.

3.6 RATIFICATION OF CANCELLATION OF ADMISSIONS DURING THE ACADEMIC YEAR 2016-17

The Council noted the list of students who have temporarily withdrawn from the programme for the academic year 2016-17 (August 2016 onwards) and ratified the same.

3.7 RATIFICATION FOR RE-REGISTRATION OF ONE ADDITIONAL COURSE WITH REGULAR COURSES FOR VIII SEMESTER STUDENTS HAVING CGPA OF 7.5 AND ABOVE

The council, ratified the re-registration of one additional course with regular courses for VIII semester students having CGPA of 7.5 and above as a onetime measure.

SECTION 4: ITEMS FOR APPROVAL (PG)

4.1 APPROVAL OF ACADEMIC RULES & REGULATIONS FOR M.TECH PROGRAMMES: 2016-17

The Dean (Academic) made a presentation on Academic Rules & Regulations briefing the important regulations with regard to M.Tech. programmes.

The Council perused and approved the same with the following observations:

Proposed Rule: 12.4.1 states that, a student unable to pass a course to earn credits in-spite of FOUR ATTEMPTS have to withdraw from the programme and leave the College.

The Council informed that, as per the VTU guidelines for academic autonomy, a student unable to pass a course to earn credits in-spite of **FIVE ATTEMPTS** have to withdraw from the programme and leave the College.

The approved Rules & Regulations for M.Tech. programme is provided in **Annexure-XI**

4.2 APPROVAL OF ACADEMIC RULES & REGULATIONS FOR M.B.A PROGRAMMES: 2016-17

The Member Secretary made a presentation on Academic Rules & Regulations briefing the important regulations with regard to M.B.A program.

The Council perused and approved the same with the following observations:

Proposed Rule: 13.3.3 (c) states that, a student can carry a maximum Number of THREE 'F' Grades at the end of any academic year.

The Council informed that, as per the VTU guidelines for academic autonomy, a student can carry a maximum Number of FOUR 'F' Grades at the end of any academic year.

The approved Rules & Regulations for M.B.A programme is provided in **Annexure-XII.**

4.3 APPROVAL OF ACADEMIC RULES & REGULATIONS FOR M.C.A PROGRAMMES: 2016-17

The Member Secretary made a presentation on Academic Rules & Regulations briefing the important regulations with regard to M.C.A program.

Proposed Rule: 13.3.3 (c) states that, a student can carry a maximum Number of THREE 'F' Grades at the end of any academic year.

The Council informed that, as per the VTU guidelines for academic autonomy, a student can carry a maximum Number of FOUR 'F' Grades at the end of any academic year.

The approved Rules & Regulations for M.B.A programme is provided in **Annexure-XIII**

4.4 APPROVAL OF SYLLABUS (FOR THE APPROVED SCHEME) FOR HIGHER SEMESTERS OF PG PROGRAMMES (M.TECH, MBA AND MCA): 2017-18 ONWARDS

The Academic Council approved the Syllabus for Higher Semesters of M.Tech, MBA and MCA as proposed by the respective BOS. **(Annexure-XIV)**

SECTION 5: ANY OTHER COURSE WITH THE PERMISSION OF THE CHAIR

The Dean (Academic) informed that, the 8th semester students are permitted to register for a **maximum of 16 credits** (as the Academic Rules & Regulations of the College only permit for 12 credits) as a special case as one time measure. The matter was placed before the council for ratification. The Council noted and ratified.

The Chairman, expressed his gratitude to all the external members for their support as a member of academic council from 2014 to 2016. The valuable guidance and suggestions went a long way in helping the institution to achieve higher standards of academic excellence. Further, he requested for their continued guidance and support to help us move ahead as a leading autonomous institution.

The external members appreciated the progress of the institution through effective utilization of the academic autonomy. They wished the institution to grow further and extended willingness to support in any capacity if required.

The Chairman also placed on record Council's appreciation for the academic contributions made by the former internal AC members namely:

1	Dr.G.N.Sekhar	7	Dr.Samita Maitra
2	Dr. Sheshachalam	8	Prof.Madhu Chand
3	Dr. H.S.Guruprasad	9	Dr.K. Narasimha Rao
4	Dr. Gowrishankar	10	Dr.M. Rajyalakshmi
5	Dr. B.Kanmani	11	Dr.T.S.Pranesha
6	Dr.H.N.Suma	12	Dr.S.Jayanthi

The meeting ended with thanks to the Chair.

Member Secretary

Dean (Academics)
BMS College of Engineering
Bangalore - 560 019

Chairman
Principal
B.M.S. College of Engineering
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