

VASAVI COLLEGE OF ENGINEERING (Autonomous)

IBRAHIMBAGH, HYDERABAD – 500 031

Minutes of the meeting of the Second Academic Council

held on **13.07.2015** at 11.00 a.m. in the Conference Hall, Vasavi College of Engineering

Members Present:

1	Dr. G.V. Ramana Murty, Principal	:	Chairman
2	Prof. A. Venugopal Reddy, Dean Faculty of Engg., OU	:	Univ. Nominee & Member
3	Prof. P. Laxminarayana, Dept. of Mech. Engg., OU	:	Univ. Nominee & Member
4	Dr. K.S. Ratnakar, Director, GMRF, Hyderabad	:	Educationist & Member
5	Dr. C.N.V. Ramana, General Manager, TCGT, BHEL, Hyd	:	Industry Representative & Member
6	Dr. B. Sridhar, HoD, Civil Engg.	:	Member
7	Dr. T. Adi Lakshmi, HoD, CSE	:	Member
8	Dr. K. Jaya Sankar, HoD, ECE	:	Member
9	Prof. K.V. Ramana Murthy, HoD, EEE	:	Member
10	Dr. N. Vasantha, HoD, I.T	:	Member
11	Dr. G.V. Ramana Murty, HoD, Mech. Engg.	:	Member
12	Dr. P. Hemagiri Rao, HoD, C.A.	:	Member
13	Dr. T. Sudhakara Rao, HoD, Mathematics	:	Member
14	Dr. A.S. Sai Prasad, HoD, Physics	:	Member
15	Sri Ch. Gouri Shankar, HoD, Chemistry	:	Member
16	Dr. E. Sreenivasa Rao, Professor, ECE	:	Member
17	Dr. M. Chakravarthy, Professor, EEE	:	Member
18	Dr. K. Ram Mohan Rao, Assoc. Prof., CSE	:	Member
19	Dr. G. Ramadevudu, Asst. Prof., Physics	:	Member-Secretary

The following members of the Academic Council could not attend the meeting:

1. Prof. V.S.S. Kumar, Department of Civil Engineering, Osmania University
2. Dr. V. Sudhakar, Prof. & Head, Department of Education, EFLU, Hyderabad
3. Sri Ramesh Loganathan, Vice President, Products & Centre Head, Progressive Software, Hyderabad
4. Ms. Jacqueline Amaral, HoD, H & SS, VCE
5. Dr. K. Kishore, Professor, Mech. Engg., VCE

The Chairman of the Academic Council, Dr. G.V. Ramana Murty presided over the meeting and extended warm welcome to the members. The following items on the agenda were taken-up for consideration:

1. Confirmation of the minutes of the last meeting of the Academic Council held on 23.03.2015:

The minutes of the last meeting of the Academic Council held on 23.03.2015 were read and confirmed.

2. Consideration and approval of Action Taken Report on the resolutions of MoM dated 23.03.2015:

It was noted that the College has initiated and implemented appropriate measures on the resolutions passed on various items in the previous meeting held on 23.03.2015 as mentioned below:

Item No.	Council approval	Action Taken				
5 (Para 6)	Approved to conduct 2 assignments, 2 quizzes and 2 internal examinations per semester for UG and PG courses and also approved for the change of the break-up of lab internal marks as suggested by the members to be implemented from 2 nd Semester of 2014-15.	BoG in its 12 th meeting held on 30.03.2015, have observed that the internal assignment shall comprise 3 assignments and 3 quizzes as against the recommendation of the Academic Council (2 assignments & 2 quizzes) to ensure continuous evaluation. Accordingly, during the 2 nd semester of 2014-15, the 1 st year students of UG programme have been asked to submit 3 assignments & 3 quizzes for the purpose of internal evaluation for 10 marks and implemented the BoG decision.				
5 (Para 7)	<u>Award of Grades:</u> The Academic Council unanimously agreed to introduce Grades as indicated in the Minutes of the Meeting.	The BoG in its 12 th meeting held on 30.03.2015 observed that the grading system proposed in the Academic Council should be relooked at and a Committee constituted to arrive at appropriate Letter Grade System for both UG and PG programmes. In this connection an Office Order, duly constituting a Committee is issued (Copy of the Order is enclosed). Annexure - 1				
10 (Para 2)	The members of the Academic Council suggested discussing more on the Bridge Course for the lateral entry students to be admitted in the academic year 2015-16. Some subjects can be offered for particular Branches of Bridge Course.	<div>A committee was constituted to relook at the subjects to be offered as part of Bridge Course for the lateral entry students to be admitted during the academic year 2015-16. After due deliberations, the Committee has recommended to conduct Bridge Course as per the details given below:</div> <table><thead><tr><th>Semester-I</th><th>Semester-II</th></tr></thead><tbody><tr><td><ul style="list-style-type: none">• Programming in 'C' Lab• Basic Sciences comprising of Part-A : Mathematics Part-B : Physics• Engineering Mechanics</td><td><ul style="list-style-type: none">• ELT Lab</td></tr></tbody></table> <div>The Committee recommended that the student is required to pass in the final examination and there will not be any internal evaluation. Further bridge course marks will not be considered for award of degree.</div> <div>Details of syllabus will be presented by the respective HoDs during deliberations.</div>	Semester-I	Semester-II	<ul style="list-style-type: none">• Programming in 'C' Lab• Basic Sciences comprising of Part-A : Mathematics Part-B : Physics• Engineering Mechanics	<ul style="list-style-type: none">• ELT Lab
Semester-I	Semester-II					
<ul style="list-style-type: none">• Programming in 'C' Lab• Basic Sciences comprising of Part-A : Mathematics Part-B : Physics• Engineering Mechanics	<ul style="list-style-type: none">• ELT Lab					

The members of Academic Council have considered the above report and approved.

3. Consideration and approval of the resolutions passed in the HoDs meetings on routine academic activities:

3.1 Approval of Minutes of the meetings of the HoDs:

It was noted that meetings with the HoDs are being conducted mostly on 1st Saturday of every month and also as and when required and deliberated upon the routine academic activities such as review of syllabi, conduct of internal examinations, finalization of sessional marks, condonation of attendance for medical cases etc..

The members of Academic Council resolved to approve the decisions taken in the HoDs meetings.

3.2 Ratification of condonation of attendance on medical grounds for students who put in attendance between 65 & 75%.

The members of Academic Council informed that a student shall put in a minimum attendance of 75% eligible to appear for semester examinations. Those students whose attendance is between 65% & 75% should submit a valid medical certificate to get eligibility under medical condonation.

Further the members have gone through the lists of the students of first year B.E, M.E/M.Tech and MCA (I and II semesters) under medical condonation for the academic year 2014-15 as shown in Annexure - 2.

The academic council has resolved to approve the lists as at Annexure - 2

3.2 Medical condonation:

It was noted that, where there were only 13 students of B.E. 1/4 I-Semester who have submitted medical certificates for condonation of 10% of attendance the number has increased to 26 in the second semester.

In order to minimize the misuse of the medical condonation facility by the students, the members of Academic Council have suggested that there shall be a fixed limit on the number of availments of medical condonation.

The council discussed the matter and it was resolved that a student can avail **medical condonation** facility only **4 (four)** times during the entire period of B.E. program spanning over four years in 8 semesters. However student with chronic ailments and disorders requiring medical condonation can be considered on a case to case basis on the submission of valid medical certificate.

4. Revision in the Scheme of Instruction, credits and marks of 1/4 B.E. Course:

After due deliberations, it was felt that the total marks and credits assigned for 1/4 B.E programme (all branches) needs review. These are contributing more than one third of all four years put together in the present system. To safeguard the student's interest, it is proposed to scale down the total marks and credits. Instead of having 1055 marks and 30 credits in each semester of 1/4 B.E it is now proposed to have 775 marks and 24 credits in each semester.

In order to have correlation between credits and contact hours Prof. A. Venugopal Reddy and Prof. P. Laxminarayana suggested that the duration of a class may be scheduled for one hour instead of 50 minutes.

The council also suggested that change in marks and credits at this stage may cause difficulty in further conduct of examinations and awarding grades. The Controller Examination was advised to take care to overcome these difficulties.

The Academic council has approved the proposal of revising to 775 marks and 24 credits in each semester of 1/4 B.E instead of 1055 marks and 30 credits with effect from 2015-16 academic year.

5. Revision of syllabus of Mathematics-I of 1/4 B.E. I-Semester Course:

The Head, Department of Mathematics, while presenting, explained to the members about the revision in the prescribed syllabus for Mathematics-I during the 1st Semester of 1/4 B.E for the academic year 2014-15. He further informed that the revision is to an extent of 15% of the existing syllabus and BoS has approved the proposal. The revised syllabus will be in force from the academic year 2015-16.

The members of the Academic Council have suggested limiting the revision of syllabi once in two years or more to avoid administrative difficulties.

Dr.CNV Ramana suggested that significant mathematical foundation is needed to understand core engineering subjects.

The Academic council has approved the proposal and revised syllabus for Mathematics - I w.e.f the academic year 2015-16.

6. Revision of Syllabus of Basic Electrical Engineering (BEE) of B.E. 1/4 II-Semester Course:

The Head, Department of Electrical & Electronics Engineering, explained to the members about the revision in the existing syllabus for BEE in II semester of 1/4 B.E the academic year 2014-15 and indicated that BOS approval has been taken for the revision to be implemented from 2015-16.

The Academic Council has resolved to approve the revised syllabus to be introduced with effect from the academic year 2015-16 for B.E. 1/4 (EEE) II-Semester Course.

7. Revision of syllabi of workshops of IT, CSE for the II-Semester of 1/4 B.E. Courses:

- The Head, Department of Information Technology informed about the changes brought out in the existing IT Workshop syllabus.
- The Head, Department of Computer Science & Engineering has informed that PHP and Matlab have been added to the existing Workshop syllabus; and

The members of Academic Council have noted the above changes proposed by the respective Heads of Departments after obtaining the approval of respective BoS.

The Academic Council has resolved to approve the revised syllabi of workshops of IT and CSE to be introduced with effect from the academic year 2015-16 for B.E. 1/4 II-Semester of the said Courses.

8. Introduction of course/subject on "Human Values and Professional Ethics:

It was noted that the College has proposed to introduce one credit course on "**Human Values and Professional Ethics**" in 2nd year B.E. The course will be offered to Civil, CSE (two sections), IT(two sections) in I-Semester and EEE, Mechanical (two sections) and ECE(two sections) in the II-Semester. The course comes under Board of studies of H&SS. The marks/credits obtained by the student will be considered while computing SGPA/CGPA. The lecture periods for this course is 16 for the entire semester.

Dr. K. Ratnakar suggested that the syllabus of this course should be appropriately framed by including the topics on character building, transactional analysis, emotional intelligence etc. The course objects and outcomes mentioned should also be relooked at.

The Academic Council has resolved to approve the introduction of Human Values and Professional Ethics in 1st & 2nd semester of B.E. 2nd year course as indicated above with suggested modifications with effect from AY 2015-16

9. Introduction of Finishing School:

As part of enhancing communications skills and domain knowledge of the students, the College has proposed to include 2 credits course namely "Finishing School" in the curriculum from 2nd year B.E onwards. The course comes under Board of studies of H&SS. The marks/credits obtained by the student will be considered while computing SGPA/CGPA.

Dr. CNV Ramana and Dr. K. Ratnakar suggested that the implementation must be effective. The number of course objectives and outcomes must be relooked.

The Academic Council has resolved to approve the above proposal to introduce "Finishing School" course with modifications as suggested, with effect from AY 2015-16

10. Approval of new curriculum of 2/4 B.E. I & II-Semesters under autonomy as finalized by respective Boards of Studies:

10.1 2/4 B.E. (Civil) I & II-Semesters

The HoD, Civil Engineering has made brief presentation on the new curriculum to be introduced under autonomy for B.E. 2/4 I & II-Semesters from the academic year 2015-16 before the members of Academic Council. The scheme of instruction and examination along with the courses to be offered in B.E. 2/4 I & II-Semesters wise also presented. He elaborated the changes made in the syllabi in both the semesters.

The Academic Council resolved to approve the Scheme of Examination & evaluation of B.E. 2/4 I & II-Semesters and the syllabi (theory and laboratories) from the academic year 2015-16 for the Department of Civil Engineering as proposed.

10.2 2/4 B.E. (CSE) I & II-Semesters

The HoD, CSE has made brief presentation on the new curriculum to be introduced under autonomy for B.E. 2/4 I & II-Semesters from the academic year 2015-16 before the members of Council. The scheme of instruction and examination along with the courses to be offered in B.E. 2/4 I & II-Semesters was also presented.

Prof. A. Venugopal Reddy suggested few revisions to the scheme approved by BOS. He suggested changes in the course offered in I and II semesters. HOD/ CSE was advised to revise accordingly.

The Academic Council resolved to approve the Scheme of Examination & evaluation of B.E. 2/4 I & II-Semesters and the syllabi (theory and laboratories) for the Department of CSE with the modifications as proposed/suggested.

10.3 2/4 B.E. (ECE) I & II-Semesters

The HoD of ECE has made brief presentation on the new curriculum to be introduced under autonomy for B.E. 2/4 I & II-Semesters from the academic year 2015-16 before the members of Council. HoD elaborated the scheme of instruction and examination along with the courses to be offered in B.E. 2/4 I & II-Semesters..

The Academic Council resolved to approve the Scheme of Examination & evaluation of B.E. 2/4 I & II-Semesters and the syllabi (theory and laboratories) for the Department of ECE as finalized by the BOS.

10.4 2/4 B.E. (EEE) I & II-Semesters

The HoD, EEE gave a brief presentation on the new curriculum to be introduced under autonomy for B.E. 2/4 I & II-Semesters from the academic year 2015-16. He also proposed the scheme of instruction & examination and the changes made in the syllabi in both the semesters.

Prof. A. Venugopal Reddy and Prof. P. Laxminarayana suggested that Mathematics-III should be common to all branches instead of having separate content only for EEE. The topic on Z-transform techniques can be removed from the content and it can be introduced in the relevant subject of EEE (DSP). However, HOD/EEE gave justification for separately syllabus for mathematics-III to be offered to EEE students.

The Academic Council resolved to approve the Scheme of Examination & evaluation of B.E. 2/4 I & II-Semesters and the syllabi (theory and laboratories) for the Department of EEE.

10.5 2/4 B.E. (IT) I & II-Semesters

The HoD, IT made a brief presentation on the scheme of instruction & examination and new curriculum to be introduced under autonomy for B.E. 2/4 I & II-Semesters from the academic year 2015-16.

Prof. A. Venugopal Reddy observed that the number courses offered in each semester needs review and the BOS approved scheme of instruction needs revision. Course like Software engineering can be shifted to third year. In place of mini project/simulation lab only mini project can be offered.

Prof P. Laxminarayana suggested having the same credits and marks for a given common subject which is offered across the branches.

HOD/IT agreed with the suggestions of the members and informed that the suggestions will be implemented in the scheme of instruction before the commencement of the class work.

The Academic Council resolved to approve the Scheme of Examination & evaluation of B.E. 2/4 I & II-Semesters and the syllabi (theory and laboratories) for the Department of IT with the above modifications/changes.

10.6 **2/4 B.E. (Mech) I & II-Semesters**

The HoD of Mech has made brief presentation on the scheme of instruction and examination for the new curriculum to be introduced under autonomy for B.E. 2/4 I & II-Semesters as finalized by the BOS from the academic year 2015-16. HoD elaborated the changes made in the new curriculum in both the semesters.

The Academic Council resolved to approve the Scheme of Examination & evaluation of B.E. 2/4 I & II-Semesters and the syllabi (theory and laboratories) for the Department of Mechanical Engineering as finalized by the BOS.

10.7 **2/4 B.E. mathematics-III**

HOD/Maths presented the new syllabus of Mathematics-III as approved by the BOS to be implemented for 2/4 B.E from the AY 2015-16.

The Academic Council resolved to approve mathematics-III course syllabus for B.E. 2/4 as finalized by the BOS

- 11. The Head, Department of Computer Applications** has made brief presentation on the new curriculum of 2/3 MCA under autonomy, which was approved by BoS.

The Academic Council has resolved to approve the new curriculum of 2/3 MCA.

Prof. A. Venugopal Reddy and Prof. P. Laxminarayana suggested renaming the courses offered by department to other departments as "interdisciplinary courses" instead of naming as "service courses". Each department can identify some of its electives as open electives so that students of other branches can opt for study. This helps to move towards Choices Based Credit System (CBCS)

12. Bridge Course for lateral entry students for the academic year 2015-16:

The Chairman, Academic Council, has informed the members that to comply with the BoG resolution on Bridge Course subjects offered to Lateral entry students, a Committee was constituted to identify the subjects to be offered as bridge course subjects to the students of 2/4 B.E in addition to regular 2/4 B.E subjects and recommended to conduct the following subjects:

- **In the I-Semester:**

- i) Basic Sciences: Part-A – Physics of Materials; Part-B – Mathematics
- ii) Engineering Mechanics
- iii) Programming in 'C' Lab

- **In the II-Semester:**

- i) ELT Lab

Upon request made by the Chairman, the HoDs concerned have made a detailed PowerPoint Presentation on syllabi.

After due consideration it was resolved that only end semester examinations for 50 marks should be conducted and these marks shall not be added while computing the final SGPA/CGPA.

13. Consideration of the results of I-Semester B.E. Examinations:

It was noted that following are the results of I-Semester B.E. Examinations:

Branch	No. of Candidates Registered	No. Passed	Percentage
Civil	60	44	73.33
CSE	119	101	84.87
ECE	120	104	86.66
EEE	59	44	74.57
Mechanical	120	78	65.00
IT	119	85	71.42
Total	597	456	76.38

14. Consideration of the results of I-Semester M.E./M.Tech regular and make-up examinations:

It was noted that following are the results of I-Semester M.E./M.Tech regular and make-up Examinations:

Sl. No.	Name of the Course/ Specialization	No. of Candidates Registered	Distinction	No. Passed and Percentage	
				First Class	Second Class
1	ME- ECE (ES & VLSID)	18	--	14	1
2	ME- ECE (CE & SP)	16	4	9	--
3	ME - MECH (ADM)	16	4	8	1
4	ME - EEE (PS&PE)	18	--	16	--
5	M.TECH – CSE	18	7	11	--

15. Consideration of the results of I-Semester MCA Examinations:

It was noted that following are the results of I-Semester MCA Examinations:

S No.	Branch	No. of Candidates Registered	No. Passed	Percentage
1	MCA	32	18	56.25

16. Accreditation status of UG and PG Programmes:

The Chairman, Academic Council has informed the members that the College will be submitting Self Assessment Reports in the new format (Tier-II) for six UG Programmes and two new eligible PG eligible Programmes to the NBA for accreditation during September, 2015.

He further informed the members that the College has already submitted its applications for accreditations to the NBA for 2 PG Programmes to the NBA. Inspection is awaited.

17. Academic achievement of faculty members (Qualification upgradation):

It was noted that the following faculty members have upgraded their qualifications:

S.No	Name of Faculty member	Department	Qualification Up-gradation
1	Dr. B. Narender	Civil	Ph.D
2	Dr. R. Bhawana	IT	Ph.D
3	Dr. P.V.Gopala Krishna	Mech	Ph.D
4	Mr. T. Balaji	CSE	M.Tech
5	Mr. V. Krishna Mohan	ECE	M.Tech

The members of Academic Council congratulated the above staff for their achievement.

18. Reimbursement of course fee/thesis work charges to the faculty members pursuing M.Tech/Ph.D under TEQIP-II:

It was noted that the College has prepared a list of faculty members who are pursuing higher studies and are eligible for reimbursement of course fee (limited to Rs.5000/- for M.Tech and Rs.10,000/- for Ph.D) and sundry expenses towards thesis printing leading to the award of degree

The members, Academic Council appreciated the above initiative taken by the College and resolved to approve the proposal.

19. College ranking by various survey agencies for the year 2015-16:

It was noted that based on the survey conducted by various agencies, the College has been awarded the rank as mentioned against each surveying agency:

Agency	Type	College Rank
Times Engineering Colleges Survey 2015	Top 50 Private Engineering Colleges in India	31
THE WEEK	Top 100 Engineering Institutes including IITs and Universities in India	68
EDU- RAND	Best Engineering Colleges in India	98

20 Other items:

a) Criteria for Best Academic Awards and Gold medals:

It was noted that the college has decided to give away academic awards and gold medals based on the academic performance of the students who secured highest marks in the first attempt in the preceding academic year and gold medals will be awarded based on the highest marks secured in the semester examinations from 1st year to final year and passed in the first attempt even under autonomous status.

There is a possibility that the same SGPA score may be obtained by more than one student and in such case it will not be possible to identify the merit. Hence it has been decided to use marks scored by the student as the basis. It is also recommended that semester grade card contains the total marks secured in that semester along with SGPA.

After due deliberations, the Academic Council resolved to approve the above proposal.

The meeting concluded with a vote of thanks.



(Dr. G.V. Ramana Murthy)

Principal & Chairman