



VASAVI COLLEGE OF ENGINEERING (Autonomous)

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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 08.06.2017

Minutes of the sixth meeting of Board of Studies, Mechanical Engineering Department, held at 11.00 AM on 08.06.2017 (Thursday) at the Department of Mechanical Engineering, Vasavi College of Engineering, Ibrahimbagh, Hyderabad.

Members Presents

Prof. G.V. Ramana Murthy	Chairman & Head
Dr. Jeevan Jaidi	OU nominee (BITS Hyderabad)
Prof. Sriram Venkatesh	Subject expert (OU Hyderabad)
Dr. B. Venkatesham	Subject expert (IIT Hyderabad)
Dr. N.K. Singh	Industry representative (BHEL R&D)
Dr. K. Kishore	Faculty member
Dr. T. Ramamohan Rao	Faculty member
Mr. K. Srinivasa Rao	Faculty member
Mr. P.V.Gopal Krishna	Faculty member
Mr. K.Veladri	Faculty member
Mr. V.B.S. Rajendra Prasad	Faculty member
Mr. B.Radha Krishna	Faculty member
Mr. J. Anjaneyulu	Faculty Member
Mr. S. Sreekrishna	Faculty member
Mrs. P.V.S. Subhashini	Faculty member
Mr. K.I. Spurgeon	Faculty member
Mr. D. Govinda Rao	Faculty member
Mr. B. Naga Manohar	Faculty member
Dr. A. Srinivas	Faculty member
Mr. S.Venkataiah	Faculty member
Mr. P. Venkateswara Rao	Faculty member
Mr. M. Sudhakar	Faculty member
Mr. B. Sandeep	Faculty Member
Mr. N.B. Samba Murthy	Faculty member
Mr. S. Venkateswarulu	Faculty member

The following members of Board of Studies could not attend the meeting

1. Mr. K. Pratap Singh Naik, PG Alumnus

Contd...2

Chairman welcomed the members and readout the agenda points for discussion.

1. Finalisation of scheme of instruction and syllabus for B.E. 4th year under autonomous scheme.

Chairman readout the scheme of instruction proposed for B.E. 4th year under autonomous scheme.

- 1.1 The duration for each period is changed from 50 min. to 1 hour and correspondingly the number of lecture hours are reduced from 4 to 3 with an additional hour for tutorial wherever required.
- 1.2 The duration for a lab class is changed from 3 periods (50 min. each) to 2 hours.
- 1.3 The duration for project work is increased from 6 periods per week to 18 hours per week.
- 1.4 Six courses are offered under each of the 3 electives to cater to the interests of the students.

The scheme of instruction and examination with the above modifications has been approved.

2. Approval of revised scheme of instruction for B.E. 3rd year autonomous scheme (switching over from 50 min period to 1 hour).

- 2.1 The duration for each period is changed from 50 min. to 1 hour and correspondingly the number of lecture hours are modified accordingly.
- 2.2 The duration for a lab class is changed from 3 periods (50 min. each) to 2 hours.

The revised scheme of instruction for B.E. 3rd year autonomous scheme with the above modifications has been approved.

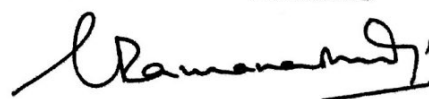
3. Approval of scheme of instruction and syllabus for B.E. 2nd year under CBCS scheme.

- 3.1 Open electives I (2 hours per week) is offered in III semester and open electives II (1 hour per week) and III (2 hours per week) are offered in IV semester.
- 3.2 A course in Basics of Entrepreneurship is introduced in III semester to create a sense of start-up activity in the budding engineers.
- 3.3 Electrical Circuits & Machines and Applied Electronics are combined into a single course with a title Basics of electrical and electronics engineering in the IV semester.
- 3.4 Electrical Circuits & Machines Lab and Applied Electronics Lab are combined into a single course with a title Electrical and electronics engineering lab in the IV semester.
- 3.5 A course on Environmental Studies is shifted to IV semester with duration of 3 hours (including tutorial hour).
- 3.6 The total contact hours have been reduced from 36 hours to 32 hours, the balance 4 hours to be spared equally for co-curricular and extra-curricular activities which is to be formulated in due course.

The scheme of instruction and syllabus with the above modifications has been approved.

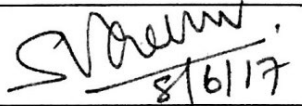

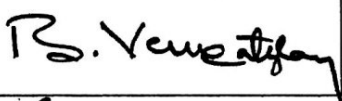
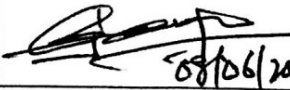
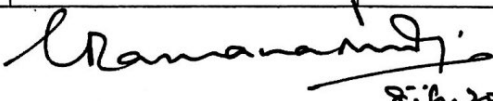
4. Approval of revised scheme of instruction and syllabus for B.E. 1st year under CBCS scheme.

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- 4.1 The total contact hours have been reduced from 36 hours to 33 hours, the balance 3 hours to be spared for co-curricular and extra curricular activities which is to be formulated in due course.
- 4.2 The division of marks for all the theory courses is changed from (70 + 30) to (60 + 40) where the first number corresponds to sem end exam (SEE) marks and second number corresponds to continuous internal evaluation (CIE) marks.
- 4.3 The marks allocated for labs also is changed from (50+25) to (50+30).
5. Approval of revision of scheme of instruction for M.E. (ADM) 1st and 2nd semester under CBCS scheme.
 - 5.1 Two labs namely 1) Computer aided modelling and assembly Laboratory 2)Advanced Manufacturing Laboratory are introduced in the I semester in place of CAD / CAM Laboratory.
 - 5.2 Two labs namely 1)Vibration Analysis Laboratory 2)Computer Aided Simulation laboratory are introduced in the II semester in place of Modelling & Simulation Laboratory.
6. The BOS committee has recommended to list courses under MC, OE and HS as a separate group in each semester.
7. The committee has recommended to look into the evaluation of one, two and three credit courses.
8. The committee has recommended that the MC courses to have one credit each; OE coursed to have two credits each; BS, ES, PC and PE courses to have three credits each.
9. The BE 1st year program under CBCS from AY 2017-18 is changed from 30:70 evaluation to 40:60 which is justified by considering that more internal evaluation prepares the students in a better way towards SEE.
10. It is recommended to depute practicing professionals for courses like Entrepreneurship and Intellectual Property Rights.

The approved Syllabus ^{and scheme of instruction} as per the above discussions is appended.

Prof. Sriram Venkatesh Subject Expert-1	 8/6/17	Dr. N.K. Singh Industry Expert	
Dr. B. Venkatesham Subject Expert-2		Dr. Jeevan Jaidi OU Nominee	 08/06/2017
Dr. G.V. Ramana Murty Chairman, BOS	 8.6.2017		