



# VASAVI COLLEGE OF ENGINEERING (Autonomous)

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(Sponsored by Vasavi Academy of Education)

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## DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of the fifth meeting of Board of Studies, Mechanical Engineering Department, held at 3.00 PM on 14.09.2016 (Wednesday) 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

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

**1. Finalisation of scheme of instruction for ME 1<sup>st</sup> & 2<sup>nd</sup> Years under Choice Based Credit System (CBCS)**

Chairman readout the scheme of instruction proposed for M.E. 1<sup>st</sup> year to be implimented w.e.f. A.Y. 2016-17 under choice based credit system.

- 1.1 The scheme consists of three core and three elective courses in the first semester and second semester respectively. The students will be required to register for elective courses after choosing from a list of courses. The list of courses for electives have been grouped under three categories namely Design, Manufacturing and Analysis. Each student need to complete two elective courses from each category. The scheme also includes course on Finishing School: Soft Skills in first and second semester respectively in order to improve the communication skills of the students.
- 1.2 It is suggested that the course on Mechanical Behaviour of Materials under Analysis Group to be shifted to Manufacturing Group and accordingly same has been accepted. It has been suggested that an additional course on numerical analysis and modelling be included in the analysis group which has been agreed to.

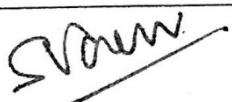

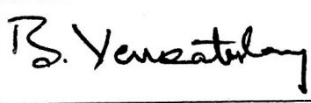

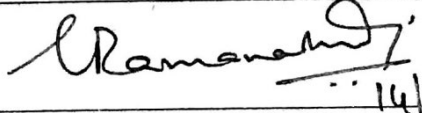
The scheme of instruction and examination with the above modifications has been approved.

**2. Approval of syllabus for ME 1<sup>st</sup> & 2<sup>nd</sup> Years under Choice Based Credit System (CBCS)**

The members went through the syllabus framed for core courses and elective courses. The following suggestions have been suggested.

- 2.1 Title (Design for Assembly) has been assigned to unit-5 of course "Design for Manufacture and Assembly".
- 2.2 No prerequisite is needed for unit-5 of Computer Aided Mechanical Design and Analysis.
- 2.3 A topic on introduction to compliant mechanisms has been added in unit-5 of Advanced Kinematics.
- 2.4 The course content for unit-3 of Mechanical Vibrations has been revised based on the discussions.
- 2.5 The contents of unit-1 in Design of Pressure Vessels and Piping have been enlarged.

The course contents and syllabus with the above modifications has been approved.

Prof. Sriram Venkatesh Subject Expert-1		Dr. N.K. Singh Industry Expert	
Dr. B. Venkatesham Subject Expert-2		Dr. Jeevan Jaidi OU Nominee	
Dr. G.V. Ramana Murty Chairman, BOS	 14/9		