

SCHOOL OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF THE MEETING OF THE BOARD OF STUDIES

Date: 12th Dec 2014

Time: 10.30 a.m.

Venue : Director room,
Dept of Mechanical Engg.
School of Engineering

The meeting of the Board of Studies of the Department of Mechanical Engineering, School of Engineering, Vels University was held at 10.30 a.m on 12.12.2014 in the Director room, Dept of Mechanical Engg. of School of Engineering to consider the curriculum and syllabus for B.E Mechanical Engineering & M.E Computer Integrated Manufacturing, B.E Automobile Engineering & M.E Automobile Engineering Programme.

The following persons were invited to attend the meeting to consider the curriculum and syllabus for B.E Mechanical Engineering & M.E Computer Integrated Manufacturing.

S. No	NAME	MEMBER
1	Dr. M.Chandrasekaran, Director/Mechanical Engineering, Vels University, Pallavaram, Chennai.	Internal
2	Mr.C.Dhanasekaran Coordinator/ Engineering Vels University, Pallavaram, Chennai.	Internal
3	Mr.S.Sivaganesan, Head of the Department, Vels University, Pallavaram, Chennai.	Internal
4	Dr.G.B.Bhaskar, Head of the department, mechanical engineering Tagore engineering college, Thandalam, Chennai.	External (Academic)
5	Mr.D.Lakshmipathi, Manager-Quality, No.139,karanai village, Perambakkam, Thirunelveli, Meenakshi sundareswarar college of technology, Chennai-600070.	External (Industrial)
6	Mr. S.Jone Edwig GET, Motherson automotive technology and engg. Chennai.	Alumini

All the above listed members attended the meeting and deliberated on the curriculum and syllabus in detail. The following are the recommendations of the Committee on the subject matter.

B.E. Mechanical Engineering

- Four Personality Development courses along with six NSS courses were grouped under Skill Enhancement Course (SEC).
- Management courses(Principles of Management, Professional Ethics, etc) along with other department papers are grouped under Generic electives(GE)
- Professional elective papers related to mechanical department are categorized under Discipline Specific Elective (DSE) courses.
- Technical English, Language courses are categorized under Ability Enhancement Compulsory Course (AECC).
- The course 'Engineering Chemistry' is taken off from semester 1 and it was accepted by BOS after justification was given by Dean, School of Engineering.
- The course, 'Basic Civil and Mechanical Engineering' of semester 1 to be replaced by Engineering Graphics.
- The course, "Computer Practice Lab", can be brought to Semester 1 instead of Semester 2 to conduct both theory and practical in parallel.
- Language lab was introduced in Semester 2.
- Some of the electives courses like Advanced I.C. engines, Additive manufacturing, Nondestructive testing and materials, Entrepreneurship development were added.
- Total credits was changed to 195.

M.E. - COMPUTER INTEGRATED MANUFACTURING

- Other department papers are grouped under Generic Elective (GE).
- Professional elective papers related to this department are categorized under Discipline Specific Elective (DSE) courses.

- Courses like Special Optimization, Design of Cellular Manufacturing System, Design of Hydraulic and Pneumatic Systems, Information Systems Analysis and Design & Total Quality System and Engineering are moved to Generic Electives.
- Productivity Management and Re-Engineering, Rapid Prototyping and Tooling, Manufacturing System Simulation and some other courses were added to Discipline Specific Electives.
- Total credits was changed to 79.

Dr. M.Chandrasekaran,
Director/Mechanical Engineering,
Vels University

Dr.G.B.Bhaskar,
Head of the department,
mechanical engineering
Tagore engineering college,
Thandalam

Mr.C.Dhanasekaran
Coordinator/ Engineering
Vels University,

Mr.D.Lakshmi pathi,
Manager-Quality,
No.139,karanai village,
Perambakkam,

Mr.S.Sivaganesan,
Head of the Department,
Vels University,

Mr. S.Jone Edwig
GET, Motherson automotive
technology and engg



The following persons were invited to attend the meeting to consider the curriculum and syllabus for B.E Automobile Engineering & M.E Automobile Engineering.

S. No	NAME	MEMBER
1	Dr. M.Chandrasekaran, Director/Mechanical Engineering, Vels University, Pallavaram, Chennai.	Internal
2	Mr.C.Dhanasekaran Coordinator/ Engineering Vels University, Pallavaram, Chennai.	Internal
3	Mr.S.Sivaganesan, Head of the Department, Vels University, Pallavaram, Chennai.	Internal
4	Dr.Gnanavel Babu Professor, Department of industrial engineering College of Engineering, Guindy Anna university.	External (Academic)
5	Mr.G. Rathina singaravelan, Director ,Mechanical Engineering, Iljin Automotive parts pvt. Ltd, SIPCOT industrial park, Irungattokottai, Sriperambudur.	External (Industrial)
6	Mr. D. Dhayakirubakaran, Bharat electronic ltd Nandambakkam, Chennai.	Alumini

B. E. Automobile Engineering

- Four Personality Development courses along with six NSS courses were grouped under Skill Enhancement Course (SEC).
- Management courses(Principles of Management, Professional Ethics, etc) along with other department papers are grouped under Generic electives(GE)
- Professional elective papers related to mechanical department are categorized under Discipline Specific Elective (DSE) courses.
- Technical English, Language courses are categorized under Ability Enhancement Compulsory Course (AECC).
- The course 'Engineering Chemistry' is taken off from semester 1 and it was accepted by BOS after justification was given by Dean, School of Engineering.

- The course, 'Basic Civil and Mechanical Engineering' of semester 1 to be replaced by Engineering Graphics.
- The course, "Computer Practice Lab", can be brought to Semester 1 instead of Semester 2 to conduct both theory and practical in parallel.
- Language lab was introduced in Semester 2.
- Some of the electives courses like Noise, Vibration and Harshness, Metrology and Instrumentation, Manufacturing process of Automotive Components, New Generation and Hybrid Vehicles, Off Road Vehicles were added.

M.E AUTOMOBILE ENGINEERING

- Other department papers are grouped under Generic Elective (GE).
- Professional elective papers related to this department are categorized under Discipline Specific Elective (DSE) courses.
- M.E. courses like Hydraulic and Pneumatic Systems, Total Quality System and Engineering, Robotics and Sensors, Mechatronics in Manufacturing Systems , Rapid Prototyping and Tooling are moved to Generic Electives.
- Two and Three Wheelers, Two and Three Wheelers, Production of Automotive Components and some other courses were added to Discipline Specific Electives.
- Total credits was changed to 79.

Dr. M. Chandrasekaran,
Director/Mechanical Engineering,
Vels University

Dr. Gnanavel Babu
Professor, Department of industrial
engineering'
College of Engineering, Guindy
Anna university.

Mr. C. Dhanasekaran
Coordinator/ Engineering
Vels University,

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Vels University

Mr. D. Dhayakirubakaran,
Bharat electronic ltd
Nandambakkam

