

MANIPAL UNIVERSITY JAIPUR

DEPARTMENT OF AUTOMOTIVE ENGINEERING

MINUTES OF MEETING OF THE BOARD OF STUDIES ASSEMBLED
AT 13:00HRS ON 13th JULY 2015 IN THE BOARD ROOM OF
ACADEMIC BLOCK 1-A, MANIPAL UNIVERSITY JAIPUR.

I. The following participated in the meeting.

- I. Prof. (Dr.) N.N. Sharma
Director
SAMM
- II. Prof. Rajesh Solanki
Professor & HOD, Chairman of BOS
Department of Automobile Engg
- III. Prof. (Dr.) Ajay Kumar
Professor & HOD
Department of Mechatronics
- IV. Prof. R.A. Dubey
Professor & HOD
Department of Mechanical Engg.
- V. Prof. (Dr.) Raj Sharma
Professor Emeritus
Department of Chemical Engg.
- VI. Dr. Anand Pandey
Associate Professor
Department of Mechanical Engg.
- VII. Mr. Dalip Shekhawat
Member Secretary-BOS & Asst.
Professor
Department of Automotive Engg.

- I. Prof. (Dr.) Dilip Sharma
Professor
Department of Mechanical Engg.
MNIT Jaipur

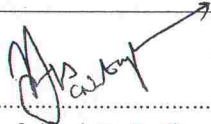
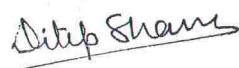
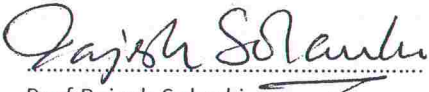
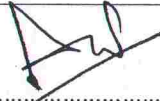
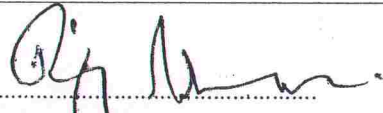
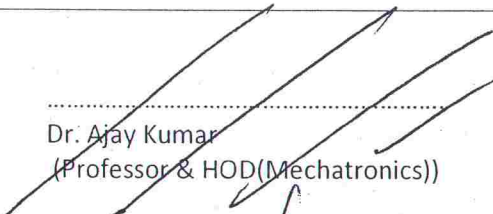
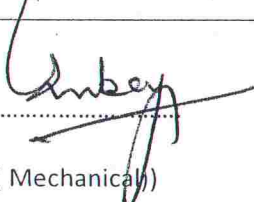
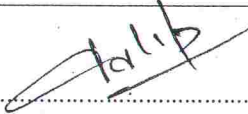


2. The board having assembled proceeded to discuss the following agenda:

- I. Introduction of three tracks of learning and training as required by the Automotive Industry –
 - a. R & D
 - b. Sales & Service Engineering
 - c. Manufacturing
 - II. Introduction of Lean Six Sigma training and certification in conjunction with Industrial Internship and Departmental Project options in Seventh and Eight Semester
 - III. Leverage course name and content changes tuned to Industry needs for current students in II, III, and IV years for ensuring MUJ's Automotive B. Tech program is widely recognized, across the fast growing MNC driven automotive industry.
 - IV. For this purpose we have proposed the following course structure and content changes-
 - a. Revamped course structure based on 175 credits and 6 electives with 4 Open Electives, as per the recommendations of X Academic Council for the B.Tech 2015 – 2019 incoming batch.
 - b. Recommend changes in course codes and content for B.Tech II year 2014 - 2018 batch's 3rd, 4th, 5th, 6th, 7th and 8th semesters detailed syllabus, pertaining to Department of Automotive Engineering.
 - c. Recommend changes in course codes and content for B.Tech III year 2013 – 2017 batch's 5th, 6th, 7th, and 8th semesters detailed syllabus, pertaining to Department of Automotive Engineering.
 - d. Recommend changes in course codes and content for B.Tech IV year 2012 – 2016 batch's 7th and 8th Semesters detailed syllabus, pertaining to Department of Automotive Engineering.
3. Following are the recommendations of BOS meeting:
- I. The revamped course structure for the I year batch joining from 2015 and incoming II, III and IV onwards is recommended to meet automotive industry's needs.
 - II. Changes to syllabus and course codes for core and electives across the 3 schemes following schemes (see attached tables) is approved
4. There being no other point the meeting of the board of studies was concluded.



Signature of Participants

Internal	External
<p>I.  Prof. (Dr.) N. N. Sharma (Director (SAMM))</p>	<p>I.  Dr. Dilip Sharma (Professor, Dept. of Mechanical Engg., MNIT Jaipur)</p>
<p>II.  Prof Rajesh Solanki (Chairman BOS & HOD (Automotive))</p>	
<p>II.  Prof. (Dr.) Ajay Kumar (Professor & HOD (Mechatronics))</p>	
<p>III.  Dr. Raj Sharma (Emeritus Professor (Chemical))</p>	
<p>IV.  Dr. Ajay Kumar (Professor & HOD (Mechatronics))</p>	
<p>V.  Prof. R. A Dubey (Professor & HOD (Mechanical))</p>	
<p>VI.  Mr. Dalip Shekhawat (Member Secretary BOS & Asst. Professor -II (Automotive))</p>	



11AC (E-4) Revision of Scheme & Syllabi of B Tech Automobile Engineering:

Revised scheme and syllabi of B Tech Automobile Engineering programme were approved by the Council.

11AC (E-5) Restructuring of Syllabi for Practical Courses:

The proposal to increase the number of laboratory based experiments was approved by the Council. It was decided that students should perform minimum of fourteen experiments in a semester.

11AC (E-6) Industrial Component in Academic Curriculum:

The proposal to include an Industrial component in academic curriculum was approved by the Council with following suggestions:

- a. Industrial component should be incorporated in minimum of two courses.
- b. Industry expert be invited for delivering lectures on Industrial component relevant to the Programme.
- c. 10% of the classes (3-4 hours) will be assigned to Industry experts.

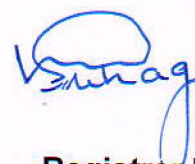
11AC (E-7) Self Learning:

The Council suggested that self-learning among the students be promoted and a slot of one hour per day (total 5 hours in a week) be earmarked in the time table of each faculty for Self-learning.

11AC (E-8) Syllabus of course on Elements of Bio Science and Bio Technology:

The syllabus of 'Elements of Bio Science and Bio Technology' was approved by the Council. It was further suggested that this course will be offered as an Open Elective for UG Students from Academic Session 2015-16.

There being no other agenda, the meeting ended with a vote of thanks to the chair.



Registrar MUJ