



**SHRI MATA VAISHNO DEVI UNIVERSITY**  
**SCHOOL OF MECHANICAL ENGINEERING**  
Kakryal, Katra -182320, J&K (INDIA)  
(Recognized under section 12(B) & 2(f) of UGC Act, 1956)

No: SMVDU/SME/18/5292

Date: 8/9/2018

**Minutes of Meeting of Board of Studies held on 08/08/2018 in the office of SoME**

A meeting of all the members of board of studies of SoME was held on 09.08.2018 at 10:00 AM in the conference Hall of School of Mechanical Engineering. The meeting was chaired by Dr. R.K. Mishra (Head, SoME) and two external experts (Prof. B. Anjaneya Prasad and Prof. G. Krishna Mohana Rao from JNTUH College of Engineering Hyderabad) were present. The following points were discussed: -

1. At the outset Dr. R.K. Mishra (Head, SoME), welcomed all the members present in the meeting.
2. Regarding course structure of B.Tech. (Mechanical Engineering) starting from 2018 onwards, the members deliberated upon various aspects with reference to the modal curriculum of AICTE 2018 guidelines, the university (SMVDU) structure, GATE syllabus, other competitive exams and other industrial and research requirements in the present scenario.
3. The total number of credits has been fixed as 160 as per the AICTE regulation (annexure A)
4. The summary of the different credits based upon the credits as mandated by AICTE is provided below:

S.No.	Category	Number of credits
1	Humanities and Social Sciences including Management courses(HSMC)	9
2	Basic Science courses(BSC)	18
3	Engineering Science courses including workshop, drawing, basics of	31.5

	electrical/mechanical/computer etc.(ESC)	
4	Professional core courses(PCC)	67.5
5	Professional Elective courses relevant to chosen specialization/branch(PEC)	12
6	Open subjects – Electives from other technical and /or emerging subjects(OEC)	6
7	Project work, seminar and internship in industry or elsewhere(PROJ)	16 (1 <sup>@</sup> +3 <sup>*</sup> +12 <sup>**</sup> )
8	Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Knowledge Tradition](MC)	0
	<b>Grand Total</b>	<b>160</b>

- As per the AICTE/UGC requirements some non-credit courses have been added as mandatory courses.
- To enhance the employability of the students the members of the BOS unanimously decided to introduce subjects like Finite Element Methods (**FEM**) and FEM lab. The soft wares like **ANSYS** and **ABAQUS** shall also be taught in this lab. Moreover, Minor Project has also been introduced.
- The detailed course structure decided unanimously by the BOS and for recommendations in Academic Council, SMVDU is annexed.

The meeting ended with a vote of thanks.

**1<sup>@</sup> will be obtained in 5<sup>th</sup> Semester**

**3<sup>\*</sup> will be obtained in 7<sup>th</sup> Semester**


**12<sup>\*\*</sup> will be obtained in 8<sup>th</sup> Semester**

Annexures:


- AICTE Modal Curriculum (Annexure A)
- Detailed Course Structure (Annexure B)
- Detailed Syllabus (Annexure C)

  
8/9/18

Mr. Ankush Raina  
Assist. Prof., SME  
(Internal Member)

  
08/09/18

Mr. Amit Kumar Sinha  
Assist. Prof., SME  
(Internal Member)

  
8/9/18

Mr. Rajiv Kumar  
Assist. Prof., SME  
(Internal Member)

absent (on leave)

Mr. Kapil Chopra  
Assist. Prof., SME  
(Internal Member)

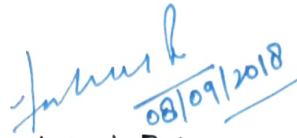
  
08/09/2018

Mr. Mir Irfan UI Haq  
Assist. Prof., SME  
(Internal Member)


  
8-9-18

Mr. Varun Dutta  
Assist. Prof., SME  
(Internal Member)

Mr. Sanjay Sharma  
Assist. Prof., SME  
(Internal Member)

  
08/09/2018

Mr. Ankush Raina  
Assist. Prof., SME  
(Internal Member)

  
8/9/18

Mr. Sanjay Mohan Sharma  
Assist. Prof., SME  
(Internal Member)

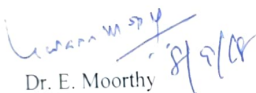
Dr. Yatheshth Anand  
Assist. Prof., SME  
(Internal Member)

  
8/9/2018

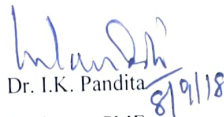
Dr. Ankush Anand  
Assoc. Prof., SME  
(Internal Member)



Dr. Balbir Singh  
Assoc. Prof., SME  
(Internal Member)

  
8/9/18

Dr. E. Moorthy  
Professor, SME  
(Internal Member)

  
8/9/18

Dr. I.K. Pandita  
Professor, SME  
(Internal Member)

  
08/09/18

Prof. B. Anjaneya Prasad  
JNTUH College of Engg.  
(External Member)

(ABSENT)

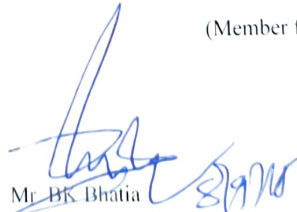
Dr R.K.Pandey  
Professor, Deptt. Of Mech. Engg.  
IIT, Delhi  
(External Member)

(ABSENT)

Mr Mahesh Kumar  
Senior Manager, Transmission Design  
Escorts R&D Division, Faridabad  
(Member from Industry)

  
8/9/18

Prof. G. Krishna Mohana Rao  
JNTUH College of Engineering  
(External Member)

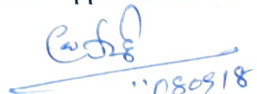
  
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Mr. BK Bhatia  
Trg. & Placement officer  
(Special Invitee) Chairman, B.O.S →

  
8/9/2018

Dr. R.K. Mishra  
Head, SME

Note: There shall not be any deviation from the structure and syllabus approved in the academic year 2018-19 batch onwards.

  
08/09/18