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SHRI MATA VAISHNO DEVI UNIVERSITY KATRA

Deptt. of Mechanical Engineering (DoME)

No.: SMVDU/DoME/16/.....

Date: 09.05.2016

Minutes of Meeting of 6th Board of Studies of Deptt. of Mechanical Engineering (DoME) SMVDU held on 28.04.2016

A meeting of Board of Studies of Department of Mechanical Engineering was held on 28.04.2016 in which various Academic matters related to U.G and P.G courses offered by Department of Mechanical Engineering were discussed. The following members including the invited experts attended the meeting.

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|---|---------------------|
| 1. Prof. V. Verma, Dean, FoE | Chairman |
| 2. Dr. Ankush Anand, I/c., Head, DoME | Vice Chairman |
| 3. Prof. M.F Wani | Expert Invitee |
| 4. Dr. Amit Kant Pandit, Head, DoECE | Inter Deptt. Expert |
| 5. Mr. Balbir Singh, Assistant Professor | Member |
| 6. Mr. Sanjay Mohan Sharma, Assistant Professor | Member |
| 7. Mr. Varun Dutta, Assistant Professor | Member |
| 8. Mr. Kapil Chopra, Assistant Professor | Member |
| 9. Mr. Mir Irfan Ul Haq, Assistant Professor | Member |
| 10. Mr. Ankush Raina, Assistant Professor | Member |
| 11. Mr. Amit Sinha, Assistant Professor | Member |
| 12. Mr. Azher Jameel, Assistant Professor | Member |
| 13. Mr. Rajiv Kumar, Assistant Professor | Member |
| 14. | |

Mr. Y. Anand and Mr. Sanjay Sharma, Assistant Professors, DoME (Member) could not attend the meeting.

Agenda for BOS (modifications along with justifications are mentioned in Annexure I(a))

1. Reordering of courses offered in B.Tech. Mechanical Engineering Program.
 - I. Workshop Practice is proposed to be restructured into 2 parts (Workshop Practice – I and workshop Practice – II) and accordingly be offered in 1st and 2nd semester respectively for B.Tech. Mechanical Engineering only.
 - II. Project Management MEL 2132 is proposed to be shifted from IIIrd semester to VIIIth semester.
 - III. Machine Design MEL2017 is proposed to be shifted from IVth semester to VIth Semester. It is also proposed to rename the course as Machine Design-II as, Machine Design - I is already in Vth semester
 - IV. Operations Research MEP2133 is proposed to be shifted from IVth Semester to VIIIth Semester.
 - V. Machining Processes MEL3114 is proposed to be shifted from Semester Vth to Semester IVth
 - VI. Metrology and Measurements MEL3121 and its lab (MEP3121) is proposed to be shifted from VIth Semester to Vth semester




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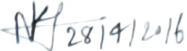

Mr. Balbir Singh
Asstt. Professor
Member

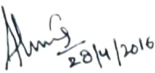

Mr. Sanjay M. Sharma
Asstt. Professor
Member



Mr. Kapil Chopra
Asstt. Professor
Member



Mir Irfan Ul Haq
Asstt. Professor
Member



Mr. Ankush Raina
Asstt. Professor
Member

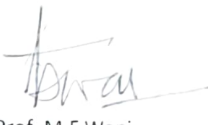

Mr. Amit Sinha
Asstt. Professor
Member



Mr. Azher Jameel
Asstt. Professor
Member



Mr. Rajiv Kumar
Asstt. Professor
Member


Mr. Varun Dutta
Asstt. Professor
Member



Dr. Amit K. Pandit
Head, DoECE &
Inter Deptt. Expert


Prof. M.F Wani
Expert Invitee
Member


Dr. Ankush Anand
I/c Head, DoME & Vice Chairman
Member


Prof. V. Verma
Dean FoE & Chairman
Member

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May like to see. Specific items can be included in next meeting of BAC/AE for discussion.

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- VII. Mechanical Vibrations MEL 3022 and its lab (MEP3022) is proposed to be shifted from VIth semester to VIIth Semester
 - VIII. RAC MEL4223 and its lab (MEP4223) is proposed to be shifted from VII to VI Semester.
 - IX. School Elective-I is proposed to be shifted from V Semester to VI Semester.
2. Inclusion of 2 subjects in 8th Semester.
 3. Renaming of 07 Courses and 1 lab.
 - i. Strength of Materials (MEL2014) to Mechanics of Solids-I (MOS-I).
 - ii. Mechanics of Materials (MEL2016) to Mechanics of Solids-II (MOS-II).
 - iii. Machine Tool Lab to Manufacturing Lab-I.
 - iv. Design of Machine Elements (MEL3019) to Machine Design-I
 - v. Machine Design (MEL 2017) to Machine Design-II.
 - vi. Manufacturing Processes to Manufacturing Processes-I
 - vii. Machining Processes to Manufacturing Processes-II
 - viii. Project Mangement to Project and Operation Management.
 4. Changes proposed in various Courses as follows: **(For details See Annexure-I(b))**
 - i. Engineering Mechanics
 - ii. Workshop Practice
 - iii. Thermodynamics
 - iv. Fluid Mechanics
 - v. Machine Tool Lab
 - vi. Manufacturing Processes
 - vii. Thermal Engg.
 - viii. Mechanics of Materials
 - ix. Operations Research
 - x. Machine Design
 - xi. Machining Processes
 - xii. Design of Machine Elements
 - xiii. Mechanical Vibrations
 - xiv. Refrigeration & Air Conditioning
 - xv. Refrigeration & Air Conditioning Lab



5. Introduction of 02 new Labs in B Tech. (For details See Annexure-I(b))
 - i. Manufacturing Lab-II
 - ii. Industrial Engineering Lab
6. Removal of course on Industrial Psychology from B Tech. VIth Sem. (as it can be taken under Open Elective-II)
7. Inclusion of Mini Project in VIth Sem for 01 credit (0-0-2).
8. Proposed Changes in the courses of M Tech (M&A) (For details See Annexure-II)
 - i. Advanced Machining Processes
9. Removal of Contemporary lecture in 3rd Sem, M.Tech. (M&A) is proposed. The credits(03) of the contemporary lecture are added in Minor Project.
10. Removal of Product Design and Development from II Sem., M.Tech. (M&A) is proposed.
11. Removal of Elective III from III Sem. M.Tech. (M&A) is proposed. The subjects of Elective III are appended in Elective I&II.
12. Simulation and Modelling(ME16112) is proposed to be shifted from III semester to II Semester in M.Tech. (M&A).
13. Credits of Minor Project and Major Project in III Sem and IV Sem. M.Tech (M&A) increased to 10 and 20 respectively.

The above agenda items during the meeting were discussed in which the observations of the members and the expert were recorded. Based on the observations made by the expert and members of BOS of DoME, the proposed revisions in the course curriculum are finally recommended for discussion and approval in the next scheduled Academic Council meeting. Necessary Annexures are enclosed herewith.