7. Introduction of Trimester system in MBA Programme

The proposal of trimester system in MBA was approved, with a modification that the total credits and the contact hours are to be increased and the duration of the programme is to be extended for further one week.

8. Modified Academic Regulations

The modified Academic Regulations were noted and approved.

9. Regarding modification in student intake in various Programmes

The modified intake in different programmes was noted and approved by the committee.

6AC (D) Items for Discussion and decision

1. Proposal for changes/modifications in B. Tech I Year Engineering Mathematics I & II

The proposal for changes/modifications in B. Tech I Year Engineering Mathematics I & II was noted as placed before the council and it was suggested that the content changes can be done at University's level but scheme changes and other major changes are to be taken to AC.

2. Proposal for new courses (Programme Electives) for 6th Semester B.Tech CSE/IT and Second Semester M. Tech (CSE/CNIS/SE)

The proposal was noted as placed before the Academic Council and was approved.

3. Proposal for change in the syllabus of B. Tech (Automobile Engineering)

The proposal was noted as placed before the Academic Council and was approved

4. Proposal for change in the syllabus of B. Tech (Mechatronics Engineering)

The proposal was noted as placed before the Academic Council and was approved.

5. Proposal for changes/modifications in Programme structure and syllabi for B. Tech/ M. Tech Civil Engineering courses and Introduction of additional Electives

The proposal was noted as placed before the Academic Council and was approved

6. Proposal for establishment of Centre of Excellence for Built Environment under Faculty of Deign

A proposal for establishing a Centre of Excellence was placed before the AC. It was suggested that the Centre should create a platform for interdisciplinary research. The proposal was approved.

7. Proposal for changes and modifications in B. Tech Mechanical and M. Tech (MET) syllabus for the academic year 2013-14



MANIPAL UNIVERSITY JAIPUR 8thACADEMIC COUNCIL MEETING May 31, 2014

10. MUJ Degrees and Transcripts Formats & Fee

The Council noted and approved the fee, formats of transcripts. However, the Council authorized the President to finalize the degree format after incorporating various securities features.

11. Reporting of Progress on Draft Ordnance of the University

The Department of Higher Education, Government of Rajasthan had raised some observations in respect to the draft ordinances of the University.

The modified version of the draft ordinance was placed before the Council. The same was noted by the Council.

12. Academic Calendar of MBA I, II and III Trimester for the Batch 2013-15

The Academic Calendar of MBA I, II and III Trimester for the Batch 2013-15 was ratified by the Council.

13. Preponement of End Term Examination of MBA III Trimester for batch of 2013-15

In order to provide sufficient duration to Summer Internship projects, the University's decision regarding preponement of the End Term Examination of MBA III Trimester for the batch of 2013-15, was ratified by the Council.

8AC (D) Items for Discussion and Decision ITEM (D-1) FACULTY OF ENGINEERING

1.1 Revision of Scheme and Syllabus of B Tech (Mechanical Engineering)

The Council approved the revised scheme and syllabus of B Tech (Mechanical Engineering).

1.2 Scheme and Syllabus of M Tech (Thermal Engineering)

The proposed scheme and syllabus of M Tech (Thermal Engineering) was approved by the Council.

1.3 Scheme & Syllabus of B Tech (Chemical Engineering)

The Council approved the proposed scheme and syllabus of B Tech (Chemical Engineering).

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MINUTES 11th ACADEMIC COUNCIL MEETING 15 & 20 July, 2015

11AC (D-2-2) Revised Course Structure and Syllabi of Second Year B Tech Chemical Engineering Programme

The revised Course Structure and Syllabi of Second Year B Tech Chemical Engineering Programme was approved by the Council.

<u>11AC (D-2-3)</u> Introduction of New Course and Revision of Scheme and Syllabi of B Tech, Mechanical Engineering Programme

Already approved as a part of B Tech first year curriculum in agenda item 11 AC (D-2-1).

11AC (D-3) FACULTY OF MANAGEMENT

11AC (D-3-1) Restructuring of MBA Curriculum from 2015-16

The Council approved the revised structure of MBA curriculum and suggested that nomenclature of 'TQM & Six Sigma' in fifth trimester be changed to 'Lean Six Sigma'. It was further suggested that credits allotted for dissertation in the sixth trimester be reduced by two and the same be adjusted in the dissertation of fifth trimester.

11AC (D-3-2) BHM 3 year's Programme from 2015 -16

The proposal was withdrawn.

11AC (D-3-3) Proposal to Change the Nomenclature of the Hotel Management Programme from BHMCT to BHM for Batch 2014-18 (Retrospective)

The proposal was dropped by the Council.

11AC (D-3-4) Proposal to Reduce the Credit of BHM Batch 2014-18 and BHM Batch 2013-17 from 200 to 190

The proposal was dropped by the Council.





12AC (D-1-5) Introduction of National Service Scheme (NSS) as an Elective Subject in Higher Education:

In compliance of MHRD direction, the Council approved the proposal to offer 'Introduction of National Service Scheme (NSS)' as open elective subject from the Academic Year 2015-16. It was suggested that Faculty of Arts & Law should own the course and wherever required, the expertise from other schools may be incorporated for this course.

12AC (D-2) FACULTY OF ENGINEERING

12AC (D-2-1) Revamping of Scheme and Syllabi of B Tech II Year:

The Council approved the revamped scheme & syllabi of B Tech second year with following suggestions:

- 1. History to be rephrased as 'History of Science & Technology.'
- The content of History of Science & Technology to be revised and around 50-60% of the content should be a generic prospective of history and remaining portion to be branch specific.
- 3. Year of edition to be mentioned for suggested Reference Books for Economics course

<u>12AC (D-2-2)</u> Introduction of Programme Elective for Department of Mechanical Engineering:

The proposal to offer "Introduction to Micro Electro Mechanical Systems" as Programme Elective was approved by the Council.

12AC (D-2-3) Scheme & Syllabi M.Tech (PES) by Research:

Scheme & syllabi of M.Tech (PES) by Research was not approved by the Council in its submitted format. It was advised that scheme and syllabi be revisited and reframed under supervision of Director SEEC and Dean FoE and finally be submitted to the Chairperson Academic Council for consideration.



15AC (D-2-2) Scheme and Syllabi of M Tech (VLSI Design & Technology):

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The proposed scheme and syllabi of M Tech (VLSI & Technology) was approved by the Council. The programme will be offered by Department of Electronics & Communication Engineering.

15AC (D-2-3) Scheme and Syllabi of B Tech (Automobile Engineering):

The proposed scheme and syllabi of B Tech (Automobile Engineering) was approved by the Council. It will be effective for batches 2015-19, 2014-18, 2013-17.

The Council suggested that during revising the scheme / syllabi of any programme, the concerned department should consult other contributory departments for their inputs.

15AC (D-2-4) Change in Scheme and Nomenclature of Courses of B Tech (Mechanical Engineering):

The Council approved the proposed changes in the scheme and nomenclature of courses offered by Department of Mechanical Engineering.

The Council also advised that course codes be changed with change in nomenclature of the course. This will be effective from academic session 2016-17.

15AC (D-2-5) Revision in Syllabi of B Tech Mechatronics Engineering Programme:

The Council approved the revision in syllabi of the courses, Modern Control System (MC 1752) and Mechatronics System Design (MC 1702). The Council further approved the changes in syllabi of Digital System Design (MC 1406) being offered in B Tech (Mechatronics Engineering) programme. Revised syllabi will be applicable for the batches 2013-17 and 2014-18.

15AC (D-2-6) Collaborative M Tech with C-DAC:

In order to encourage the industry connect programme, the Council advised that running of collaborative M Tech with C-DAC should be publicized adequately. The Council approved the scheme and syllabi of the programmes (M Tech in "High Performance computing" and "IT Systems and Network Security) and suggested that duration of end term / in term examination (Theory and lab both) should be aligned with other programmes of the University. The Council opined that an additional certificate jointly issued by the University and C-DAC, be awarded to the students of these programmes.

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MINUTES 17th MEETING OF ACADEMIC COUNCIL DEC 17, 2016



17AC (D-1-7) Maximum Number of Attempts for Pre-Synopsis Presentation:

The Council directed that if DRC is not satisfied by the quality of Pre synopsis, the scholar needs to present / attempt it again incorporating all suggestions / comments till it gets approved.

17AC (D-1-8) Tenure of Faculty Boards:

The Council approved the duration of tenure of members of the Faculty Boards for a period of 03 (Three) years like statutory bodies and recommended that the matter be placed before the Board of Management for consideration and approval.

17AC (D-1-9) Renaming of Schools of Faculty of Design:

The Council deferred the proposal.

17AC (D-1-10) Offering of B Des Interior Design (4 year):

The Council deferred the proposal.

17AC (D-1-11) Verification and Non-retention of Students' Academic and Personal Testimonials and Remittance and Refund of Fees

The Council recommended to comply with UGC guidelines and seek legal opinion in this matter for further action. The Council also recommended to increase the caution money for professional programmes to Rs. 15,000 (Fifteen thousand) and Rs.10,000 (Ten thousand) for other programmes from next academic year.

The Council further suggested to take a separate undertaking from the student to return all equipment / book / laptop etc., at the time of withdrawal if it is done before completion of the programme.

17AC (D-2) FACULTY OF ENGINEERING

17AC (D-2-1) Revamped Scheme of 5th and 6th Semester B Tech Programmes:

The Council approved the revamped schemes of B Tech (ECE, EEE, CSE, CCE, IT, Mechanical Engineering, Mechatronics Engineering, Automobile Engineering, Chemical Engineering) of 5th and 6th Semester students, admitted in academic year 2015-16 and onwards.



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MANIPAL UNIVERSITY IAIPUR

18th MEETING OF ACADEMIC COUNCIL April 14, 2017

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18AC (D-2-2) Revamped Syllabi of 5th and 6th Semester B Tech Programmes:

The Council approved the proposed syllabi of 5th and 6th Semesters of the following B Tech Programmes

- > CSE
- > CCE
- ≻ IT
- Mechanical Engg.
- Mechatronics Engg.
- > Chemical Engg.
- Civil Engg.

The approved syllabi will be applicable from Academic Year 2017-18 onwards.

18AC (D-2-3) Syllabi of Open Elective Courses Offered by the Department of ECE:

The Council approved the proposed syllabi of Open Elective courses offered by the Department of ECE in 5th and 6th Semesters.

The approved syllabi will be applicable from Academic Year 2017-18 onwards.

18AC (D-2-4) Revamped Scheme of M Tech Programme:

The Council approved the proposed scheme of M Tech (Civil Engineering) Programme and modifications in scheme of M Tech (EE) programme.

The approved schemes will be applicable for the students admitted in Academic Year 2017-18 onwards.

18AC (D-2-5) Syllabi of M.Tech. Programme:

The Council approved the proposed syllabi of the following M Tech Programmes.

- Civil Engg
- Mechanical Engg.
- > ECE
- ► EE

The approved syllabi will be applicable from Academic Year 2017-18 onwards.

18AC (D-2-6) Modifications in Existing Collaborative C-DAC M Tech Programme:

The Council approved renaming of specialization of M Tech CSE (with C-DAC) programmes as under:

Advanced Computing & Data Science in place of High Performance Computing



21 AC (D-2) FACULTY OF ENGINEERING

21AC (D-2-1) Revamped Scheme for 7th and 8th Semester B Tech Programmes:

The Council approved the revamped schemes of B Tech (Computer Science & Engineering, Information Technology, Electronics & Communication Engineering, Chemical Engineering, Civil Engineering, Mechanical Engineering, Mechatronics Engineering) of 7th and 8th Semester.

This will be effective for the students admitted in Academic Year 2015-16 & onwards.

21AC (D-2-2) Revamped Syllabi for 7th and 8th Semester B Tech Programmes:

The Council approved the revamped syllabi of B Tech (Computer Science & Engineering, Information Technology, Electronics & Communication Engineering, Chemical Engineering, Civil Engineering, Mechanical Engineering, and Electrical & Electronics Engineering) of 7th and 8th Semester.

This will be effective for the students admitted in Academic Year 2015-16 & onwards.

21 AC (D-2-3) Scheme and Syllabi of 7th and 8th Semester of B Tech (CCE) Programme:

The Council approved the scheme and syllabi of 7th and 8th Semester of B Tech (Computer & Communication Engineering).

This will be offered to the students admitted in Academic Year 2015-16 & onwards.

21 AC (D-2-4) Syllabi of 5th and 6th Semester of B Tech (EE) Programme:

The Council approved the syllabi of 5th and 6th semester of B Tech (Electrical Engineering) Programme.

This will be offered to the students admitted in Academic Year 2016-17 & onwards.

21 AC (D-2-5) Syllabi of New Programme Elective:

The Council approved the inclusion of program elective "IT1655: Parallel Programming" in 6th Semester of B Tech (IT) and its syllabus.

This will be offered to the students admitted in Academic Year 2016-17 & onwards.

21 AC (D-2-6) Syllabi and Integration of Lab with Two Theory Courses in B. Tech First Year:

The Council deferred the proposal for one year. It was suggested that in next revision of academic curriculum the proposal will be duly considered.

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DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF MEETING OF THE BOARD OF STUDIES ASSEMBLED AT 11:00HRS ON 22nd MAR 2014 IN THE BOARD ROOM OF ACADEMIC BLOCK 1-A OF SCHOOL OF ENGINEERING AND TECHNOLOGY, MANIPAL UNIVERSITY JAIPUR.

1. The following participated in the meeting.

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- Prof R.A. Dubey Chairman BOS & HOD Department of Mechanical Engg.
- II. Prof. S.K. Jhajharia (Professor & HOD(Electrical)) (In-attendance)
- III. Dr. Ajay Kumar (Professor & HOD(Mechatronics))
- IV. Dr. Anand Pandey Asst. Professor –I Department of Mechanical Engg.
- V. Mr. Hemant Raj Singh Secretary BOS & Asst. Professor –II Department of Mechanical Engg.
- VI. Mr. Ankur Srivastava Asst. Professor –II Department of Mechanical Engg. (In-attendance)
- VII. Mr. Vijay Shankar Kumawat Asst. Professor –II Department of Mechanical Engg. (In-attendance)
- VIII. Mr. Ashish Goyal Asst. Professor –II Department of Mechanical Engg. (In-attendance)
- 2. The board having assembled proceeded to discuss the following agenda.

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- a) To review proposed (New Scheme) B.Tech. (MECHANICAL ENGINEERING) syllabus for students joining III semester in new academic year 2014-2015 onwards.
- b) To review existing (Old Scheme) B.Tech. (MECHANICAL ENGINEERING) syllabus for existing students of II year and III year only.

External

I. Dr. Dilip Sharma Professor Department of Mechanical Engg. MNIT Jaipur

- c) To review M.Tech. (COMPUTER AIDED ANALYSIS AND DESIGN) & M.Tech. (MANUFACTURING ENGINEERING AND TECHNOLOGY) syllabus for students joining in new academic year 2014-2015 onwards.
- d) To approve the syllabus of M.Tech. (THERMAL ENGINEERING) for coming semester.
- e) To discuss the matters related to syllabus after Fifth Board of Studies meeting for the academic year 2014-2015.
- The proposed syllabus of B.Tech. (Mechanical Engineering) was considered and following points were suggested by the board.
- a. The Proposed syllabus of course structure named (ME 1301) Basic Engineering Thermodynamics
 [4004] was reviewed and approved after the following modifications:
 - i. There should be exclusion of chapters *Thermodynamics Relations*, *Thermodynamics of Mixtures* and *Psychrometric Chart* in the proposed syllabus.
 - ii. Contents of chapter Power Cycles should be elaborated.
 - b. The Proposed syllabus of course structure named (ME 1401) Applied Thermodynamics [3104] was reviewed and approved after the following modifications:
 - i. There should be exclusion of chapters *Combustion Thermodynamics, Gas Power Cycles, Vapor Power Cycles* and *Refrigeration Cycles* in the proposed syllabus.
- c. The Proposed syllabus of course structure named (ME 1404) Fluid Mechanics [3104] was reviewed and approved after the following modifications:
 - i. Subject Title should be renamed as Fluid Mechanics and Hydraulic Machines.
 - ii. There should be inclusion of chapters *Rotating Elements*, *Reciprocating Pump*, and *Centrifugal Pump* in the proposed syllabus.
- d. The Proposed syllabus of course structure named (ME 1531) Fluid Mechanics Lab [0021] was reviewed and approved after the following modifications:
 - i. Lab Title should be renamed as Fluid Mechanics and Hydraulic Machines Lab.
- e. The Proposed syllabus of course structure named (ME 1701) Operations Research [3104] was reviewed and approved after the following modifications:
 - i. Subject Title should be renamed as Operations Research and Management.
 - ii. There should be inclusion of chapter *Inventory Management* in the proposed syllabus.

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Proposed syllabus of M.Tech. (Computer Aided Analysis and Design), M.Tech. (Manufacturing Engineering and Technology) and M.Tech.(Thermal Engineering) was reviewed and no modification was found by the board.

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DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF MEETING OF THE BOARD OF STUDIES ASSEMBLED AT 11:00HRS ON 13th JULY 2015 IN THE BOARD ROOM OF ACADEMIC BLOCK 1-A, MANIPAL UNIVERSITY JAIPUR.

- 1. The following participated in the meeting.
 - I. Prof. (Dr.) N.N. Sharma Director SAMM
 - II. Prof. R.A. Dubey Chairman BOS & HOD Department of Mechanical Engg.
 - III. Prof. Rajesh Solanki Professor & HOD Department of Automobile Engg.
 - IV. Prof. (Dr.) Raj Sharma Emeritus Professor Department of Chemical Engg.
 - V. Dr. Anand Pandey Associate Professor Department of Mechanical Engg.
 - VI. Dr. Ram Dayal Associate Professor Department of Mechatronics Engg.
 - VII. Mr. Hemant Raj Singh Member Secretary-BOS & Asst. Professor –II Department of Mechanical Engg.
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 I. Prof. (Dr.) Dilip Sharma Professor
 Department of Mechanical Engg. MNIT Jaipur

- 2. The board having assembled proceeded to discuss the following agenda:
 - I. To propose a revamped course structure as per the recommendations of X Academic Council.
 - II. To recommend B.Tech I year detailed syllabus pertaining to Department of Mechanical Engineering.
- 3. Following are the recommendations of BOS meeting:
 - I. The revamped course structure for the batch joining from 2015 onwards is recommended.
 - II. Detailed syllabus of ES1101 Engineering Thermodynamics [3 0 0 3] is recommended in lieu of ME1101 Mechanical Engineering Science [3 1 0 4].
 - III. Updated syllabus of ME1130 Basic Workshop Practice [0 0 2 1] is recommended in order to provide overall exposure of manufacturing engineering to I year students.
 - IV. ME1102 Engineering Graphics [2 0 2 4] is revised as ME1101 Engineering Graphics [2 0 2 3].
 - V. External member also suggested that efforts should be made to include humanities subjects like Public Administration and Political Science in the B.Tech curriculum.
- 4. There being no other point the meeting of the board of studies was concluded.





DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF MEETING OF THE BOARD OF STUDIES ASSEMBLED AT 11:00HRS ON 2nd March 2016 IN THE BOARD ROOM OF ACADEMIC BLOCK 1-A, MANIPAL UNIVERSITY JAIPUR.

- 1. The following participated in the meeting.
 - I. Dr. Anand Pandey (Chairman BoS & HoD Mechanical)
 - II. Prof. (Dr.) N.N. Sharma Asso. Dean FoE & Director SAMM
 - IIÌ. Prof. R.A. Dubey Department of Mechanical Engg.
 - IV. Dr. Ajay Kumar (Professor & HoD(Mechatronics)
 - V. Dr. Dharmendra Tripathi (Associate Professor (Mechanical)
 - VI. Dr. Sanchita B Ghosh (Associate Professor (Mechanical)
 - VII. Dr. Sunil Joshi (Associate Professor & HoD (Mathematics)



- 2. The board having assembled proceeded to discuss the following agenda:
 - I. To approve syllabus for B.Tech 3rd and 4th semester (Mechanical Engineering) for student joining academic year 2015-2016.
 - II. To approve scheme and syllabus of M.Tech (Product Design) from academic year 2016-17.
- 3. Following are the recommendations of BOS meeting:
 - I. The course title ME1305 MATERIAL SCIENCE & Metallurgy [4 0 0 4] will be renamed as Materials Science & Engineering [3003].
 - II. The Course Title HS1301 History of Indian Science & Technology should be changed to HS1401.
- 4. There being no other point the meeting of the board of studies was concluded.

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MANIPAL UNIVERSITY JAIPUR

DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF MEETING OF THE BOARD OF STUDIES ASSEMBLED AT 12:15 PM ON 07th JULY 2016 IN THE BOARD ROOM OF ACADEMIC BLOCK 1-A, MANIPAL UNIVERSITY JAIPUR.

- 1. The following participated in the meeting.
 - I. Prof. R.A. Dubey Chairman BoS & HOD Mechanical
- I. Dr. Rajat Bhagwat Professor, External Member Department of Mechanical Engg. MBM Engineering College, Jodhpur

Special Invitee

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Prof. (Dr.) N.N. Sharma Dean FoE & Director SAMM

III. Dr. Ajay Kumar Professor & HOD Mechatronics

Dr. Sanchita B Ghosh

- Associate Professor Department of Mechanical Engg.
- V. Dr. Rahul Goyal Associate Professor Department of Mechanical Engg.

VI. Dr. Vinod Singh Yadav Associate Professor Department of Mechanical Engg.

VII. Dr. Vandana Suhag Registrar

Member

Member

Invitee

Invitee

Ex Officio Member



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- 2. The board having assembled proceeded to deliberate on the following agenda:
 - a. To split the lab of Refrigeration Air Conditioning & Vibration lab (ME1730) in Vibration Lab ME1730 [0 0 2 1] and Refrigeration & Air Conditioning Lab ME1731 [0 0 2 1] in seventh semester.
 - b. The credits of course Operation Research and Management ME1701 [3 1 0 4] has been modified to ME1701 [3 0 0 3].
 - c. To change the lab name of Metrology & Machine Tool Lab to Metrology Lab with same code i.e. ME1532 in fifth semester.
- 3. The above agenda were discussed in details and the Board recommended its approval at appropriate level before implementation.
 - a. Board recommended splitting of existing Lab titled 'Refrigeration Air Conditioning & Vibration Lab' into two independent labs as under.
 - i) Vibration Lab- ME1730
 - ii) Refrigeration & Air Conditioning Lab- ME1731
 - b. In order to compensate increase in total credit requirement of seventh semester due to splitting of lab, the Board recommended decrease of one credit from course titled "Operation Research & Management," Revision of LTPC from [3 1 0 4] to [3 0 0 3] is recommended.
 - c. Board also recommended renaming of existing lab titled "Metrology & Machine tool Lab" to "Metrology Lab".
 - d. External member also suggested that syllabus of 'Computer Integrated Manufacturing' ME1701 needs to be in detail covering all aspect which was agreed upon for follow up action before next meeting of Board of Studies.



- e. It was also suggested by the expert member to review the list of experiments in the metrology lab for betterment.
- 4. There being no other point the meeting of the board of studies was concluded.

CDr. Drod

08 Jul 2016 Prof R & Dubey HOD/Mechanical





DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF MEETING OF THE BOARD OF STUDIES ASSEMBLED AT 12:00 NOON ON 01st APRIL, 2017 IN THE BOARD ROOM OF ACADEMIC BLOCK 1-A, MANIPAL UNIVERSITY JAIPUR.

- 1. The following participated in the meeting.
 - I. Dr. Ashok Kumar Sharma (Chairman BOS & HOD Mechanical)
 - II. Prof. (Dr.) N.N. Sharma Dean FoE & Director SAMM
 - III. Prof. R. A. Dubey Professor, Mechanical
 - IV. Dr. Ajay Kumar Professor, Mechatronics
 - V. Dr. Rahul Goyal Professor, Mechanical
 - VI. Dr. Anand Pandey Associate Professor, Mechanical
 - VII. Dr. Dharmendra Tripathi Associate Professor, Mechanical
 - VIII. Dr. Sanchita B Ghosh Associate Professor, Mechanical

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Dr. Rajat Bhagwat Professor, MBM Engineering College, Jodhpur

- IX. Dr. Sunil Joshi Department of Mathematics and Statistics
- X. Dr. Ravi Sharma Associate Professor, Mechanical
- XI. Dr. Subrata B Ghosh Associate Professor Mechanical
- XII. Dr. Santosh Patil Associate Professor, Mechanical
- XIII. Dr. Vandana Suhag Registrar
- 2. The board having assembled proceeded to deliberate on the following agenda:
 - a. To change program elective course name Turbo machines and Gas Dynamics to Turbomachinery with same course code ME1555 in B.Tech. V semester.
 - b. To change program elective course name Design against Fatigue Failure to Design for Fatigue and Fracture with same course code ME2151 in M.Tech. I semester.
 - c. To replace program elective course name Special Module in Systems Design to Tribology with same course code ME2257 in M.Tech. II Semester
 - d. To propose syllabus for B.Tech. Mechanical Engineering V & VI semester.
 - e. To propose syllabus for M.Tech. Mechanical Engineering I & II semester.
- 3. The above agenda were discussed in details and the Board recommended it for submission to appropriate level for approval, before implementation.
 - a. The board recommended to change the course name Turbo machines and Gas Dynamics To Turbomachinery, program elective in B.Tech. V semester with course code ME1555 (3 0 0 3) and remove Gas Dynamics portion.
 - b. The board recommended to change the course name Design against Fatigue Failure To Design for Fatigue and Fracture, program elective in M.Tech. I Semester with course code ME2151 (3 0 0 3) for the batch joining July 2017 onwards.

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- c. The board recommended to change the course name Special Module in Systems Design To Tribology, program elective in M.Tech. II Semester with course code ME2257 (3 0 0 3) for the batch joining July 2017 onwards.
- d. The board recommended B.Tech. V and VI semester syllabus with some changes in the course contain and remove the common topics.
- e. The board recommended M.Tech. I and II semester syllabus and incorporate some topics in the syllabus.
- 4. There being no other point the meeting of the board of studies was concluded.
- 5. Detailed contents of the course structure enclosed as a part of the minutes.

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DEPARTMENT OF MECHANICAL ENGINEERING

MINUTES OF MEETING OF THE BOARD OF STUDIES ASSEMBLED AT 09:30 A.M. ON 08th March, 2018 IN THE BOARD ROOM OF ACADEMIC BLOCK 1-A, MANIPAL UNIVERSITY JAIPUR.

- 1. The following member's participated in the meeting.
 - I. Dr. Ashok Kumar Sharma Chairman BOS & HOD Mechanical
 - II. / Dr. N.N. Sharma Pro- President & Dean FoE
 - III. Dr. G.L. Sharma Director SAMM
 - IV. Dr. R.K. Gupta Professor, Mechanical
 - V. Dr. S.S. Ghosh Professor, Mechanical
 - VI. Dr. Anjaiah Devineni Professor, Mechanical
 - VII. Dr. Rahul Goyal Professor, Mechanical
 - VIII. Dr. Ajay Kumar Professor, Mechatronics
 - IX. Dr. Dharmendra Tripathi Associate Professor, Mechanical

- X. Dr. Sanchita B. Ghosh Associate Professor, Mechanical
- XI. Dr. Vandana Suhag Registrar
- The board having assembled proceeded to deliberate on the following agenda:
 a. To get approval of proposed Revamp Syllabus for B.Tech VII & VIII Semester.
- 3. The above agenda were discussed in details and the Board recommended its approval at appropriate level before implementation.
 - a. The board proposed B.Tech. VII and VIII semester syllabus with some changes in the course contain and remove the common topics.
- 4. There being no other point the meeting of the board of studies was concluded.

5. Detailed contents of the course structure enclosed as a part of the minutes.

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