

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

(An Autonomous College u/s 2 (f) and 12 (B) of UGC Act 1956)

DEPARTMENT OF MECHANICAL ENGINEERING

No. ME/ 36/7550

Dated: 16-03-2020

MINUTES OF MEETING

A meeting of Board of Studies (Mechanical Engineering) was held on 25.02.2020 (Tuesday) at 11.00 am in the Committee Room of the Institute.

Following are the agenda Points:-

1. Discussion and approval of detailed contents of the courses of 2nd to 4th semester M.Tech. (Mechanical Engineering) curriculum of 2019 admission batch onwards.
2. Change in subject/course code and credits of Engineering Graphic and Design Code (ESC-103).
3. Discussion of detailed contents of the courses of 5th and 6th semester B.Tech. (Mechanical Engineering) curriculum of 2018 admission batch onwards.
4. Discussion and Approval of detailed content of the course DEME 14614 Characterization of Materials of 2014-2017 admission batches.
5. Correction in subject codes of open elective subjects in study scheme of M.Tech. (Mechanical Engineering) of 2019 admission batch onwards.
6. Any other issue with the permission of the Chairman BOS.

Following members of the BOS and Special Invitees were present and actively participated:-

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| 1. Dr. Paramjit Singh Bilga | Chairman |
| 2. Dr. H. S. Shan | Member |
| 3. Dr. Harwinder Singh | Member |
| 4. Dr. Harmeet Singh | Member |
| 5. Dr. Jatinder Kapoor | Member |
| 6. Er. Deepinder Singh | Member |
| 7. Dr. Gagandeep Singh Sodhi | Member (Dean Training & Placement Cell) |
| 8. Dr. Narwant Singh | Member [Dean Academics Nominee] |
| 9. Dr. H. S. Rai | Member (Controller of Examinations) |
| 10. Er. Davinder Singh Bhogal | Special Invitee (GNDEC, ME) |
| 11. Er. Gurmeet Kaur | Special Invitee (GNDEC, ME) |
| 12. Dr. Chatwant Singh | Special Invitee (GNDEC, ME) |
| 13. Er. Manmohan Singh | Special Invitee (GNDEC, ME) |
| 14. Er. Rupinder Singh | Special Invitee (GNDEC, ME) |

Following members of the BOS couldn't attend the meeting:-

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| 1. Dr. S.P. Singh | Member |
| 2. Dr. Harmesh K. Kansal | Member |
| 3. Dr. Pardeep Rajan | Member |
| 4. Dr. Jatinder Madan | Member |
| 5. Mr. D.S. Dogra | Member |
| 6. Er. Ardamanbir Singh Sidhu | Special Invitee (GNDEC, ME) |

The following decisions were taken unanimously based upon the discussions and suggestions of various members of BOS and special invitees:-

- 1) Under agenda Point No. 1 i.e., discussion and approval of the detailed contents of courses of 2nd to 4th semester M.Tech. (Mechanical Engineering) 2019 admission batch onwards, the detailed contents of the following courses has been approved by members of BOS by incorporating the following suggestions in the proposed contents of aforesaid courses (listed below):

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- a) The contents of MME-132 Automation and Robotics needs to be reduced in order to cover syllabus in stipulated time.
- b) Incorporate only Reference Books in specified uniform format in all the syllabi of M.Tech. Program.
- c) Modify the title and contents of Unit –I of Course MME-133 Advanced Characterization of Materials.
- d) Reformulate the Course Outcomes for Course MME-126 Solar Energy Utilization according to RBT level and modify contents accordingly.
- e) Review detailed contents and Course Outcomes of Course MRM-101 Research Methodology and IPR to make it common course for all PG programs.
- f) Modify details of Reference Books as per uniform specified format for course MME-130 Computational Fluid Dynamics.
- g) Modify Course Outcomes of LMME-104 DMM Laboratory to High Order Thinking Level.
- h) Change the name of MME-115 Experiential Stress Analysis to MME-115 Experimental Stress Analysis in the study scheme as well as detailed contents.

Course Code

MME-115
MME-126
MME-130
MME-132
MME-133
MME-141
MRM-101
LMME-104

Course Name

Experimental Stress Analysis
Solar Energy Utilization
Computational Fluid Dynamics
Automation and Robotics
Advanced Material Characterization Techniques
Supply Chain Management
Research Methodology and IPR
Decision Making Methods Laboratory

- 2) Under agenda Point No. 2, the BOS had approved the change in course code of Engineering Graphic and Design of 1st/2nd Sem. B.Tech. (Common) made in the study scheme, syllabus and question paper pattern vide notice no. ME/8/7138 dated 13.01.2020 and change in credits of Course ESC-103 Engineering Graphic and Design vide notice no. ME/36/7249 dated 29.01.2020 by the Prof & Head (Mech. Deptt., GNDEC)
- 3) Due to shortage of time the agenda Point No. 3 i.e. Discussion of detailed contents of the courses of 5th and 6th semester B.Tech. (Mechanical Engineering) curriculum of 2018 admission batch onwards had been deferred to next meeting of BOS.
- 4) The detailed contents of the course DEME 14614 Characterization of Materials of 2014-2017 admission batches had been approved.
- 5) The BOS had duly approved the correction in subject codes of open elective subjects in study scheme of M.Tech. (Mechanical Engineering) of 2019 admission batch onwards from MME- to MOME- and also included the way to abbreviate the various courses in the study scheme (ZZ- Course Code; XXX- Subject Code).
- 6) Under supplementary agenda point the BOS members strongly made the following suggestions in regard to the PG programs of the institute in general:-
 - a) Nomenclature for Thesis and Pre-Thesis shall be changed to Dissertation and Pre – dissertation OR Dissertation Phase – I and Dissertation Phase – II at par with AICTE model curriculum.
 - b) Core/Department Elective courses can be floated as an Open Electives by the departments.

Chairman

BOS (ME)

Encl.:

1. Detailed contents of courses of 2nd to 4th semester M.Tech. (Mechanical Engineering) 2019 admission batch onwards.

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16-3-2020

2. Detailed contents and question paper pattern of Engineering Graphic and Design Code (ESC-103).
3. Detailed content of the course DEME 14614 Characterization of Materials of 2014-2017 admission batches.
4. Study scheme of M.Tech (Mechanical Engineering) of 2019 admission batch onwards.

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