I.K. Gujral Punjab Technical University Date: 07/02/2019 (Minutes of Meeting)

Board of Studies of Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering

A meeting of the Board of Studies (Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering) constituted vide Notification No. IKGPTU/Reg/NF/26 dated 01/03/17 was held on February 7th, 2019 at 11:00 a.m. in the conference hall, R.I.C. Department, G+3 Building, I.K. Gujral Punjab Technical University, Jalandhar, Jalandhar-Kapurthala highway, Punjab.

The agenda of the meeting was:

- To discuss and upgrade the scheme & syllabus of B.Tech. (Mechanical Engineering) from 3rd to 8th semester.
- To discuss any other matter with the permission of Chair.

Following members of BOS and special invitees were present and actively participated:

- 1. Dr. Vikas Chawla, Professor & In-charge, IKGPTU Hoshiarpur Campus, Hoshiarpur (Chairman, BOS)
- Dr. R.P. Singh, Professor (Rtd.) (Special invitee)
 Dr. Vinay Gupta, Professor, Department of Mechanical Engg, Pbi. Univ., Patiala (Special invitee)
- 4. Dr. Om Pal Singh, Professor, Department of Mechanical Engg, BCET, Gurdaspur
- 5. Dr. Neelkanth Grover, Assoc. Prof. & Head, Department of Mechanical Engg, IKGPTU, Kapurthala
- 6. Dr. Dilbag Singh, Assoc. Prof., Department of Mechanical Engg, BCET, Gurdaspur
- 7. Dr. Jagmeet Bawa, Asstt. Prof., IRCUHVE, IKGPTU, Kapurthala (Special invitee)
- 8. Dr. Deepak Kumar Goyal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
- 9. Dr. Jujhar Singh, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
- 10. Dr. Amoljit Singh Gill, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala
- 11. Er. Navdeepak Sandhu, Dy. Director CR&A, IKGPTU, Kapurthala
- 12. Dr. Vivek Aggarwal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
- 13. Dr. Amit Bansal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)

Following members of BOS could not attend the meeting:

- 1. Dr. Buta Singh Sidhu, Dean Planning, MRSPTU, Bathinda (Special invitee)
- 2. Dr. S.P. Singh, Professor, IIT, Delhi
- 3. Dr. Harwinder Singh, Professor, Department of Mechanical Engg, GNDEC, Ludhiana
- 4. Dr. Paramjit Singh Bilga, Professor, Department of Mechanical Engg, GNDEC, Ludhiana
- 5. Dr. Sumit Jain, Assoc. Prof., Department of Mechanical Engg, CTIMT, Jalandhar
- 6. Dr. Amit Sarin, Assoc. Prof. & Head, Deptt. of Physical Sciences, IKGPTU, Kapurthala (Special invitee)
- 7. Dr. Ashish Arora, Assoc. Prof. & Head, Deptt. of Mathematical Sciences, IKGPTU, Kapurthala (Special
- 8. Dr. Niraj Bala, Assoc. Prof. & Head, RIC, BBSBEC, Fatehgarh Sahib (Special invitee)
- 9. Dr. Manoj Mittal, Asstt. Prof., Department of Mechanical Engg, IKGPTU, Kapurthala (Special invitee)
- 10. Er. Sumit Bansal, BHEL, Goindwal Sahib (Special invitee from industry)
- 11. Er. Sewa Singh, A.P., ACEM, Kapurthala (Special invitee, PTU Alumni)

The Board has taken the following decisions:

The scheme for B.Tech. Mechanical Engineering (Batch 2018 onwards) from 3rd Semester to 8th Semester was discussed and finalised (attached herewith as Annexure-I)

The team of faculty members have been constituted to propose the detailed contents of the syllabus of various subject of 3rd and 4th semester (Mechanical Engineering) as per following details:

Sr. No.	Semester	Subject	Faculty Member(s)
1	3 rd	Fluid Mechanics	Dr. Neelkanth Grover
			Dr. Vivek Aggarwal
2	3 rd	Theory of Machines-I	Dr. Deepak Kumar Goyal
			Dr. Amit Bansal
3	3 rd	Machine Drawing	Dr. Vikas Chawla
4	3 rd	Basic Electronics Engineering	Chairman, BOS (ECE)
5	3 rd	Strength of Materials-I	Dr. Vinay Gupta
			Dr. Amoljit Singh Gill
6	3 rd	Applied Thermodynamics-I	Dr. R.P. Singh
			Dr. Jujhar Singh
7	3 rd	Mech. Engg. Lab-I (SOM, TOM-I, Fluid Mechanics)	Dr. Neelkanth Grover, Dr. Jujhar
			Singh, Dr. Amoljit Singh
8	4 th	Applied Thermodynamics-II	Dr. R.P. Singh
			Dr. Jujhar Singh
9	4 th	Fluid Machines	Dr. Neelkanth Grover
			Dr. Vivek Aggarwal
10	4 th	Strength of Materials-II	Dr. Vinay Gupta
			Dr. Amoljit Singh Gill
11	4 th	Materials Engineering	Dr. Dilbag Singh
			Dr. Om Pal Singh
12	4 th	Theory of Machines-II	Dr. Deepak Kumar Goyal
			Dr. Amit Bansal
13	4 th	Environmental Science	Chairman, BOS (Chemical Sciences)
14	4 th	Mechanical Engg. Lab-II (Applied	Dr. Jujhar Singh
		Thermodynamics, Fluid	Dr. Neelkanth Grover
		Machines, Material Engineering)	Dr. Dilbag Singh

3. Subject codes and open elective subjects will be decided in next BOS meeting.

Dr. Om Pal Singh

Dr. Vivek Aggarwal

Dr. R. P. Sihgh

Dr. Vinay Gupta

Dr.Dilbag Singh

Two lapers which were decided for the meeting (related to First year are not included.)