

I K Gujral Punjab Technical University

(Minutes of Meeting)

A meeting of the Board of Studies Mechanical Engineering/ Production Engineering/ Industrial/ Automobile Engineering was held through online (Google meet) as on November 16th 2020 at 03:00 PM.

Following members of BOS and special invitees have attended the meeting:

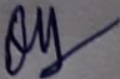
1. Dr. Om Pal Singh (Chairman), BCET Gurdaspur
2. Dr. Jagdev Singh (Professor), BCET Gurdaspur
3. Dr. Paramjit Singh Bilga (Professor), GNDEC, Ludhiana.
4. Dr. Vikas Chawla, Professor, IKGPTU Campus Hoshiarpur
5. Dr. Lakhvir Singh, Professor, BBSBEC, Fatehgarh Sahib
6. Dr. Sarabjit Kaushal, HOD ME, GGI Ludhiana (Special Invitee)
7. Dr. Devinder Priyadarshi, DAVIET, Jalandhar
8. Dr. Rachin Goyal, CGC, Landran.
9. Dr. Amit Bansal, Assistant Professor (Coordinator), Department of Mechanical Engineering, Main Campus, I. K. Gujral Punjab Technical University, Kapurthala.

The board has made the following recommendations:

- 1) The scheme and syllabus of the 6th Semester has been thoroughly discussed. The scheme has been finalized for the 6th semester. The scheme for 6th semester is given in Appendix- A.
- 2) The syllabus for the RAC (Course and Lab) will be prepared by Dr. Jagdev Singh and Dr. Paramjit Singh.
- 3) The syllabus for the MMM (Course and Lab) will be prepared by Dr. Lakhvir Singh and Dr. Devinder Singh.
- 4) The syllabus for the Automobile Engineering (Course and Lab) will be prepared by Dr. Lakhvir Singh and Dr. Sarabjit Kaushal.
- 5) The syllabus of Humanities- II will be prepared by Dr. Neelkanth Grover Sir.
- 6) In Elective subjects, the syllabus of composite materials, & IC engine will be prepared by Dr. Devender Sir.
- 7) In Elective subjects, the syllabus of Mechatronics & PDD will be prepared by Dr. Lakhvir Sir.
- 8) In Elective subjects, the syllabus of CAD will be prepared by Jadon Sir.
- 9) In Elective subjects, the syllabus of Non-Conventional Energy Resources will be prepared by Dr. Neelkanth Grover Sir.
- 10) In Elective subjects, the syllabus of Operation Research will be prepared by Dr. Ompal Singh Sir.
- 11) In Elective subjects, the syllabus of Microprocessor in Automation will be prepared by BOS of ECE.
- 12) In Elective subjects, the syllabus of Maintenance and Reliability will be prepared by Dr. Amit Bansal.
- 13) For Automobile and Automation & Robotics Engineering, there is a study scheme proposed by expert from the GGI, Ludhiana within a week. The scheme and syllabus will be finalized in next BOS meeting.

The meeting ends with vote of thanks to chairman.


Dr. Amit Bansal (Coordinator)


Dr. Ompal Singh (Chairman)

Annexure-A

Study scheme of 6th Semester:

Course Type	Course Code	Course Title	Load Allocations			Marks Distribution		Total Marks	Credits
			L	T	P	Internal	External		
Professional Core courses	BTME601-18	Refrigeration and Air conditioning	3	1	0	40	60	100	4
Professional Core courses	BTME602-18	Mechanical Measurements & Metrology	3	0	0	40	60	100	3
Professional Core courses	BTME603-18	Automobile Engineering	3	0	0	40	60	100	3
Mandatory courses	HSMC101-18	Humanities-II	3	1	0	40	60	100	4
Professional Elective		Elective-I	3	0	0	40	60	100	3
Professional Core courses	BTME604-18	RAC (Lab)	0	0	2	30	20	50	1
Professional Core courses	BTME605-18	MMM (Lab)	0	0	2	30	20	50	1
	BTME606-18	Auto. Engg. (Lab)	0	0	2	30	20	50	1
	BTME607-18	Project/Internship	0	0	4				2
Total			15	2	10	290	360	650	22

List of Elective:

- 1) Internal Combustion Engines.
- 2) Mechatronics Systems.
- 3) Microprocessor in Automation
- 4) Composite Materials
- 5) Computer Aided Design.
- 6) Product Design and Development
- 7) Non-Conventional Energy Resources.
- 8) Operation Research
- 9) Maintenance and Reliability