

Dated: 28/06/2019

**I.K. Gujral Punjab Technical University
(Minutes of Meeting)**

A meeting of the Board of Studies (Mechanical Engineering/Production Engineering/Industrial Engineering/Automobile Engineering) was held on **28th June 2019** at **10:30** in the conference hall, Department of Academics, G+3 Building, main campus, IK Gujral Punjab Technical University Jalandhar, Jalandhar-Kapurthala highway, Punjab.

Following members of BoS and special invitees were present:

1. Dr. Om Pal Singh, BCET Gurdaspur
2. Dr. Vikas Chawla, Professor, IKGPTU Campus Hoshiarpur
3. Dr. Paramjit Singh Bilga, GNDEC, Ludhiana
4. Dr. Lakhvir Singh, Professor, BBSBEC, Fatehgarh Sahib
5. Dr. R.P.S. Sukerchakia, Principal (Rt) GNDEC, Ludhiana
6. Dr. Rachin Goyal, CGC, Landran
7. Dr. Devinder Priyadarshi, DAVIET, Jalandhar
8. Dr. Subhash Chander, NIT Jalandhar
9. Dr. Neel Kanth Grover, Department of ME, IKGPTU Main Campus
10. Mr Rajan, Student, Department of ME, IKGPTU Main Campus
11. Mr Sharan, Student, Department of ME, IKGPTU Main Campus

Following members of BoS could not attend the meeting:

1. Mr. Sarbjit Singh, GM-Manufacturing Honda Motorcycle and Scooter India Pvt. Ltd, IMT Manesar
2. Dr. Vijay Kumar Jadon, Chitkara University, Rajpura
3. Dr. Suresh Kumar Verma, DCRUST Murthal (Sonapat) Haryana
4. Dr. Balkar Singh, Director Academics, IKGPTU
5. Dr. Jujhar Singh, IKGPTU Main Campus
6. Dy. Director / Assistant Director CR&A, Department of CR&A, IKGPTU, Alumni of IKGPTU

The Board has made the following recommendations:

- 1) The detailed syllabus for B. Tech. 1st year (Batch 2019 onwards) course of Engineering Graphics and Design (BTME-101-18) has been discussed. The credit of the course is recommended to be increased from 3 to 4 and contact hour increased from 4 to 6 hrs. Further, the theory paper can be included in the first year from 1st to 5th units with revised syllabus. There will be a theory examination of 60 Marks. The internal marks will be 40. The syllabus of internal practical exam will be having a unit 6 apart from unit 1 to 5 as mentioned above. The revised subject code will be BTME-101-19. The revised scheme is mentioned below:

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IK Gujral Punjab Technical University
Bachelor of Technology (B. Tech. 1st Year)

| | | | | | |
|-------------------------|---|----------|----------|----------------|-------------------|
| Course code | BTME101-18 | | | | |
| Category | Engineering Science Courses | | | | |
| Course title | Engineering Graphics & Design (Theory & Lab.) | | | | |
| Scheme and Credits | L | T | P | Credits | Semester-I |
| | 1 | 0 | 6 | 4 | |
| Pre-requisites (if any) | Nil | | | | |
| | Common to all branches | | | | |

Engineering Graphics & Design [A total of 01 lecture hours & 6 hours of lab.]
[[L : 1; T:0; P : 6 (4 credits)]]

- 2) The basic Thermodynamics course is introduced in the third semester. Further the practical hours have been recommended to increase from 4 to 6 hrs in the third semester and the different code is given to different lab such as SOM Lab (BTME-306-18), TOM lab (BTME-307-18) and Fluid Mechanics lab (BTME-308-18), in the third semester. The revised list of practical is given in scheme of syllabus.
- 3) The Applied thermodynamics course is introduced in semester-IV. Further the practical hours have been revised to increase from 4 to 6 hrs in the fourth semester and the different code is given to different lab such as Thermal Lab (BTME-406-18), Fluid Machines lab (BTME-407-18), and Material Engineering Lab (BTME-408-18). The revised list of practical is given in scheme of syllabus.
- 4) The list of subjects for minor degree has been recommended as per Annexure-A ~~in the list of Electives in place of Applied Thermodynamics – (I) and (II).~~
- 5) The list of MOOCs has been provided as Annexure -B. The students have to study only those courses from the list which the student has not studied earlier.
- 6) The two faculty members Dr Amit Bansal (IKGPTU main campus) and Dr. Devinder Priyadarshi, DAVIET, Jalandhar have been nominated as members of BoS for migration cases.
- 7) The revised syllabus of Basic Thermodynamics (Semester-III) and Applied Thermodynamics (Semester-IV) will be prepared by Dr R P Singh, Principal (Rtd.), GNDEC, Ludhiana and the syllabus of Engineering Graphics and Design will be prepared by Dr Neel Kanth Grover, Associate Professor, ME by 04-07-2019.

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