

Mechatronics Department 1st Board of Study meeting held on 9th December 2014, with following agenda.

Board of study meeting agenda:

Item 1: Action taken report of 'One Day Workshop on Mechatronics Curriculum Development'.

Item 2: B. Sc. Mechatronics programme structure.

Item 3: Detail course content for the first and second semester.

Item 4: Practical component for the first and second semester.

Following Board of Study members and expert invitee were present:

1	Mr. Vikrant Pande	Provost, TLSU
2	Mr. Ashok kumar	Registrar & controller of Examinations, TLSU
3	Mr. Prashant Parmar	Convener
4	Mr. Udayan Trivedi	Member
5	Mr. Divyang Jadeja	Member
6	Dr. Anand Joshi	Member
7	Mr. Kandrap Brahmbhatt	Member
8	Mr. L. B. Potdar	Invitee

First Board of Study Minutes of Meeting:

1. Board of study recommend to conduct mathematics course with suitable application.
2. Need to revise the Applied Science content as it is too long especially on chemistry, suggested to add topics on engineering mechanics and material science.
3. Advised to conduct all the courses with practical examples and applications.
4. Board of study members and industry experts advised to arrange the mock interview before the On-Job-Training placement of students.
5. Suggested to put more stress on Industrial Electrical drives practical's as its having an important role to play in automation.
6. Need to add basic of oil property in fundamental of fluid mechanics & heat transfer course.
7. Suggested to conduct metallurgy part along with welding in the Manufacturing Techniques-I course.
8. Suggested to run Certificate programmes on Employer Health & Safety, QMS etc. which add value and will increase employability aspects.
9. 5th and 6th semester should be designed based on Industrial Application.
10. Mechanical instrumentation, alignment and measurement fundamental needs to cover in the Manufacturing Techniques-I course.
11. The members advised to drop thermal engineering course from the programme as it's not key course of mechatronics domain.
12. Industry experts advised to express with what technical knowledge and competency student will join industry as trainee and what will be his/her skills after 2 years of associate degree programme.
13. Board of study members advised to express suitable job roles and application for the B. Sc. Applied Science (Mechatronics) graduates as its being offered first time in the India. This exercise will bridge the gap between prospective student and employer for placement activity.

Parmar Prashant
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