

S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT & RESEARCH, NAGPUR.



(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

DEPARTMENT OF MECHANICAL ENGINEERING

Vision: Emerge as an excellent centre for Mechanical Engineering education

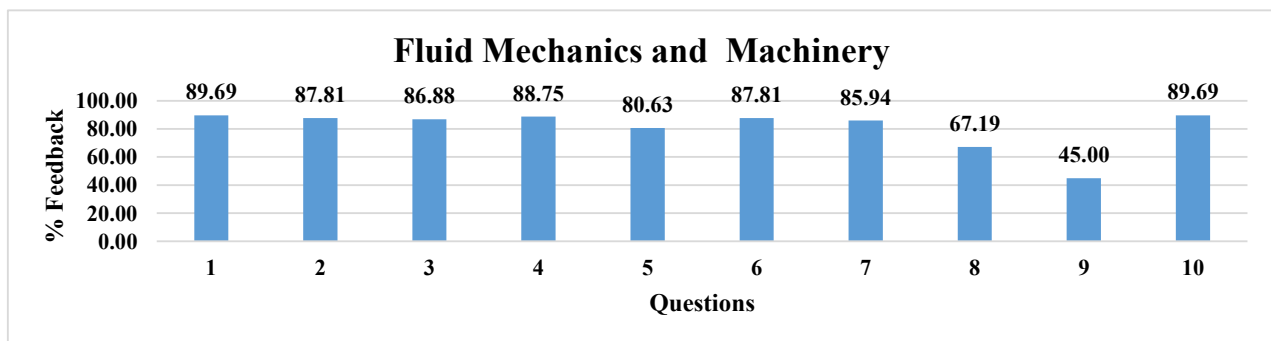
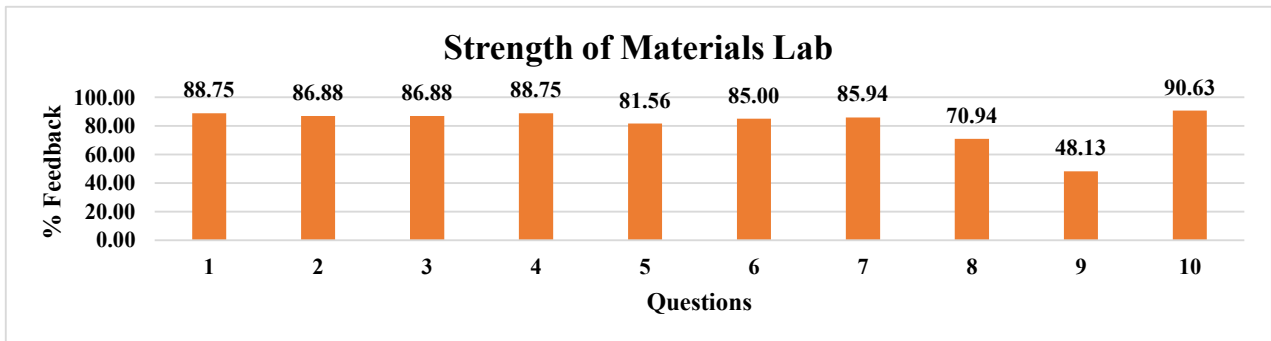
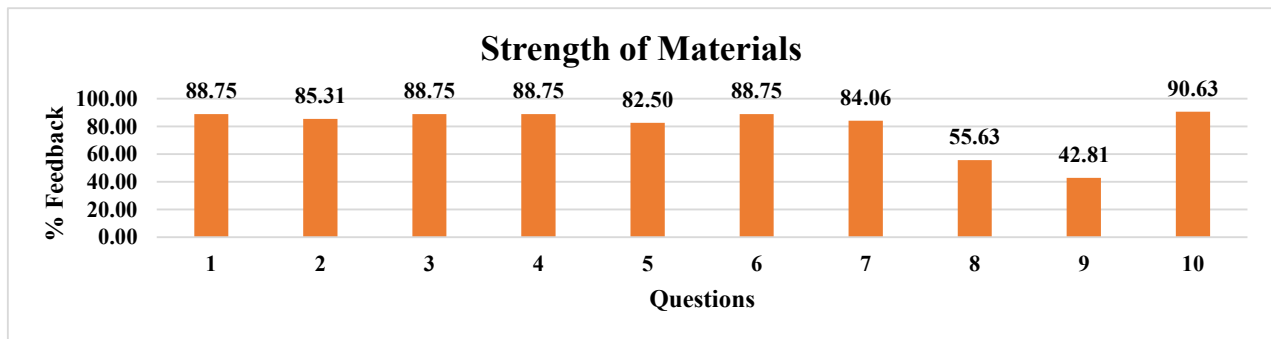


Teachers Feedback on Design of Syllabus

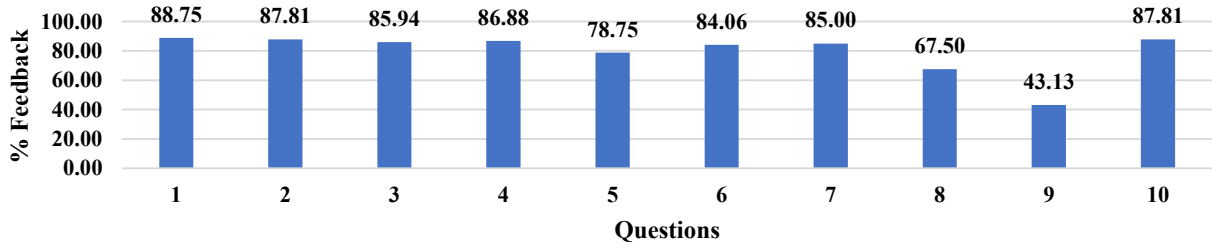
Second Year/Fourth Semester

Questions asked in Teachers Feedback on Design of Syllabus

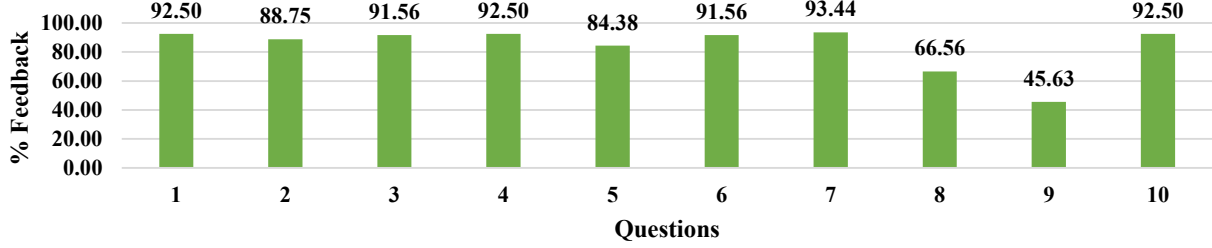
1. Rate the depth of the syllabus for the course in relation to the competencies expected by industry/current global
2. Rate the syllabus in terms of balance between theory and application
3. Rate the sequence of the units/modules in the course
4. Rate the distribution of credits to the course
5. Rate the adequateness of textbooks and reference books mentioned for the course
6. Rate the syllabus/ curriculum prospects for higher education/employability
7. Rate the scope of the course for internship/training/ research
8. Rate the level of social relevance in syllabus
9. Rate the syllabus content for the courses in terms of burden
10. Rate the contribution of the courses in terms of Professional core area



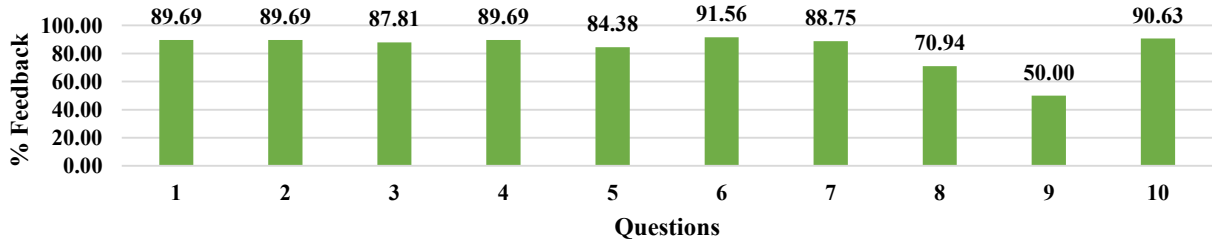
Fluid Mechanics and Machinery Lab



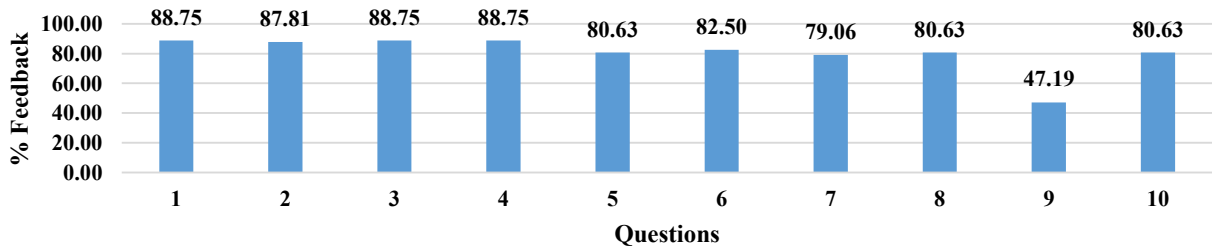
Dynamics of Machines



Dynamics of Machines Lab



Energy Systems and Technologies



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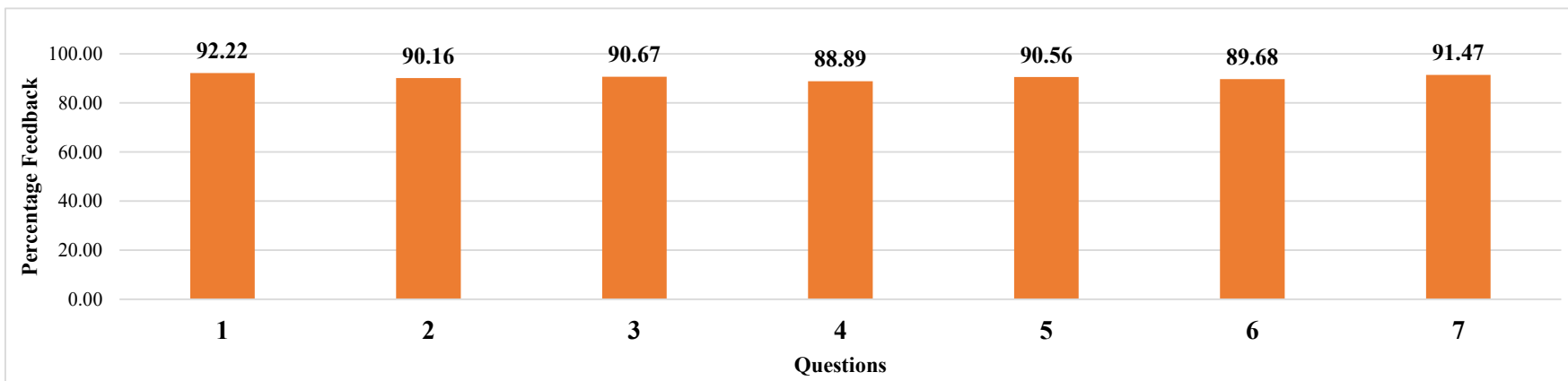
Alumni Feedback on Design of Syllabus

Second Year/Fourth Semester

% Feedback | **90.52%**

Questions asked in Alumni Feedback on Design of Syllabus

1. Rate the curriculum/syllabus in meeting prerequisite knowledge/skillsets required for the successful career
2. Rate the syllabus/curriculum in terms of balance between theory and application
3. Rate the syllabus/ curriculum prospects for higher education/employability
4. Rate the scope of the courses for internship/training/ research
5. Rate the level of social relevance in syllabus/curriculum
6. Rate the consideration of recent developments of the field in the course syllabus/curriculum
7. Rate the syllabus/ curriculum in enhancing the student's competency



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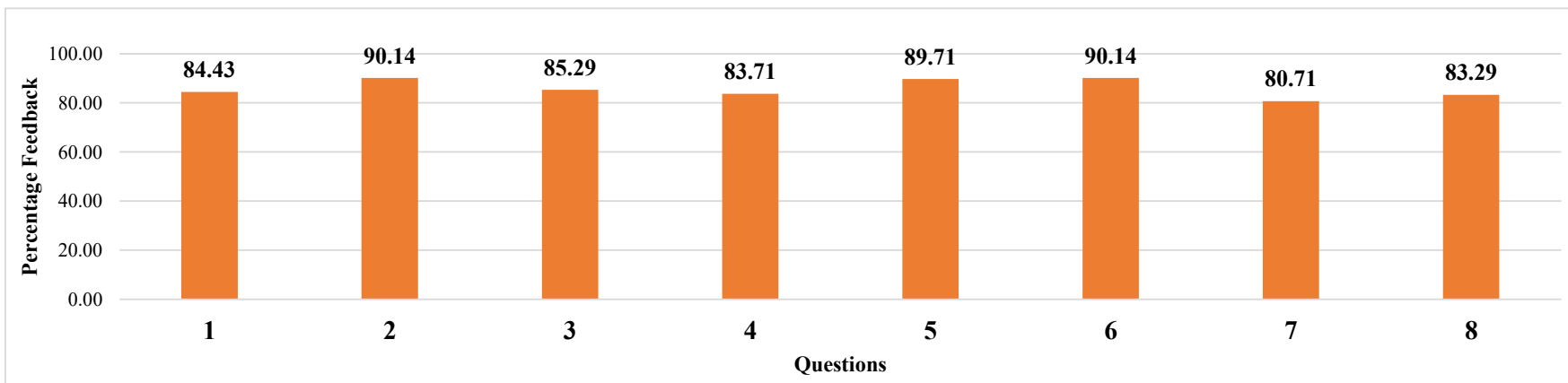
Employer Feedback on Design of Syllabus

Second Year/Fourth Semester

% Feedback | 85.93%

Questions asked in Employer Feedback on Design of Syllabus

1. Rate the depth of the syllabus for the courses in relation to the competencies expected by industry/current global scenarios
2. Rate the syllabus/curriculum in terms of balance between theory and application
3. Rate the distribution of credits to the courses
4. Rate the syllabus/ curriculum prospects for higher education/employability
5. Rate the scope of the courses for internship/training/ research
6. Rate the level of social relevance in syllabus/curriculum
7. Rate the consideration of recent developments of the field in the course syllabus/curriculum
8. Rate the syllabus/ curriculum in enhancing the student's competency



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Feedback taken from Stakeholders on Design of Syllabus of IV Semester Courses

Course: Strength of Materials

Sr. No.	Suggestions Given	Proposed Actions to be taken
01	More ICT should be used for Lerner centric approach – Prof. M. Hasan Akhtar	Suggestion is incorporated - Use of CAD tools for simulation of loading conditions and their effects over structurally loaded members.
02	More application base numerical should be there- Prof. Prasad Mangalkar	Suggestion is incorporated – Application based numerical shall be included in classroom teaching as well as TAE parameters.
03	Theories of failures must preferably be added- Dr. Vinit Gupta	Not incorporated – Suggested topic shall be included in the syllabus of Design of Machine Elements.

Course: Fluid Mechanics & Machinery

Sr. No.	Suggestions Given	Proposed Actions to be taken
1	Add topic on hydraulic flow control valves if possible. – Dr. Vinit Gupta	Suggested topic cannot be incorporated in the syllabus of Fluid Mechanics and Machinery. As the subject covers Fundamentals of Fluid and its application in Hydraulic Machinery. Hydraulic flow control valves can be included in the syllabus of Industrial Fluid Power.
2	Application based numerical - Prof. Wasim Sheikh	While delivering the course content emphasis will be given on Application based numerical

Course: Dynamics of Machines

Sr. No.	Suggestions Given	Proposed Actions to be taken
1	Add topics based on evaluation of torques/forces in a mechanism. – Dr. Vinit Gupta	In Unit 1 – Force Analysis (Static and Dynamic), the given suggestions are incorporated.
3	External industry experts shall be invited for delivering expert lectures and have active interaction with students – Prof. Hemant Bansod	MoU is signed with industry expert Mr. Sanath Kumar Manjre, Unitech Reclamation Services, Nagpur and he will deliver the guest lecture and also, he will do the industry expert assessment to fulfill teacher evaluation assessment (TAE) in the syllabus.

Course: Energy Systems and Technologies

Sr. No.	Suggestions Given	Proposed Actions to be taken
1	The subject seems to be highly theoretical; some practical aspects	Unit: I, will include the interpreting of energy scenarios of the world and country-wise Energy matrix analysis

	must be added. Prof. Dr. Vinit Gupta	will be carried out in ABL.
2	Sessions from industry professionals. Mr. Kunal Pagey (Alumni)	The guest lecture will be arranged by the professional.

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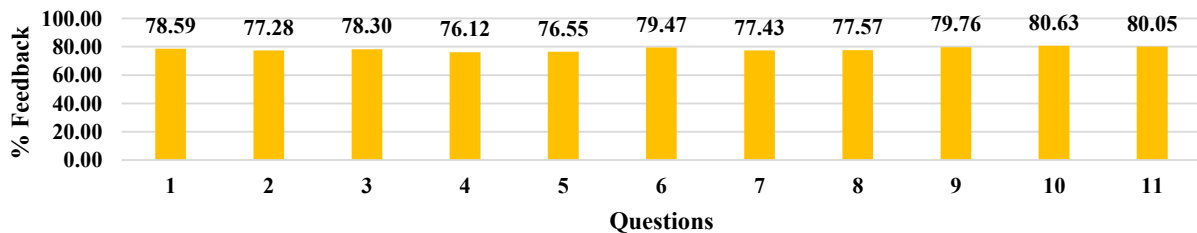
Students Review on Third Semester Syllabus

Second Year/Third Semester

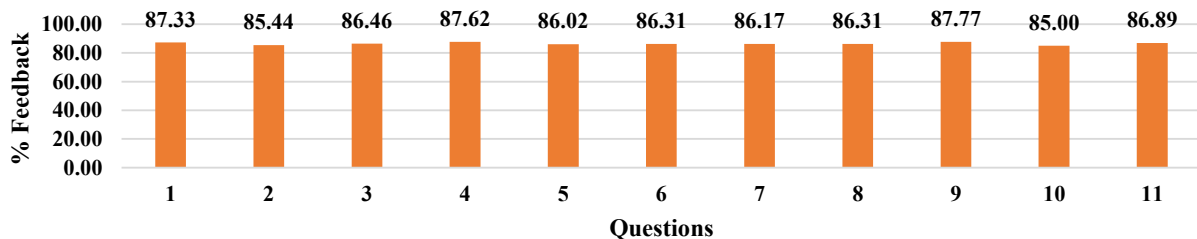
Questions asked from students on Review of III Semester Syllabus

1. The course objectives were clear
2. The course workload was manageable
3. The Course was well organized
4. The syllabus has good balance between theory and application
5. I think the Course was well structured to achieve the learning outcomes (there was a good balance of lectures, tutorials,
6. Learning materials were relevant and useful
7. The provision of learning resources in the library was adequate and appropriate
8. Recommended reading Books etc. were relevant and appropriate
9. Curriculum has prospects for higher education/ employability
10. The syllabus / curriculum has social relevance
11. The Syllabus / Curriculum equip me for suitable placements in the job markets

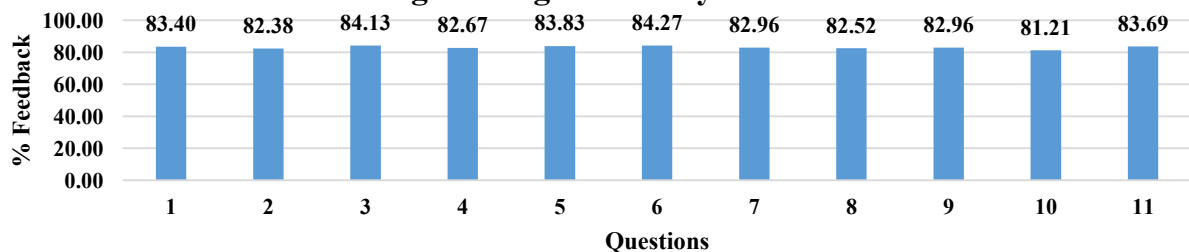
Engineering Mathematics-III



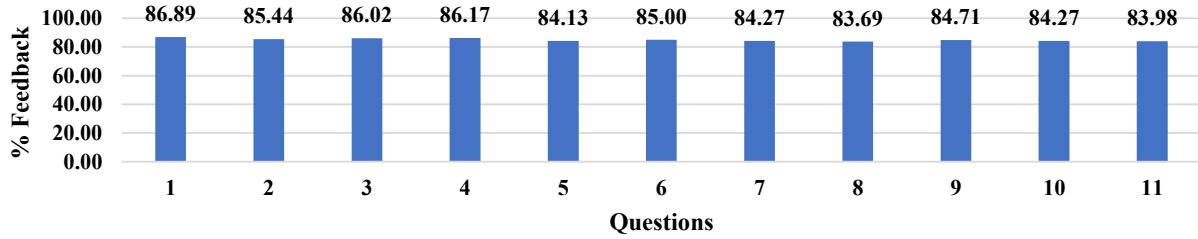
Kinematics of Machines



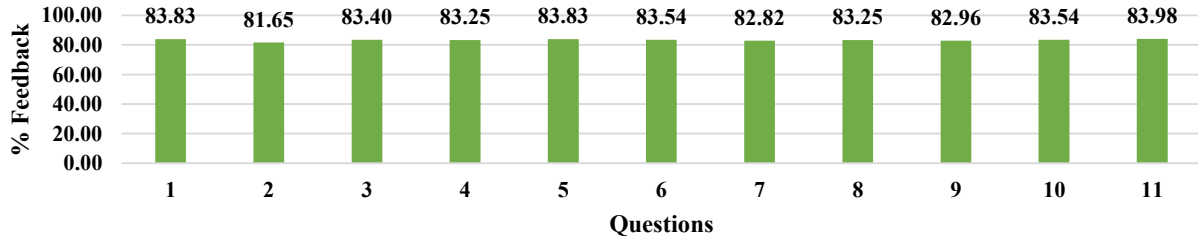
Engineering Thermodynamics



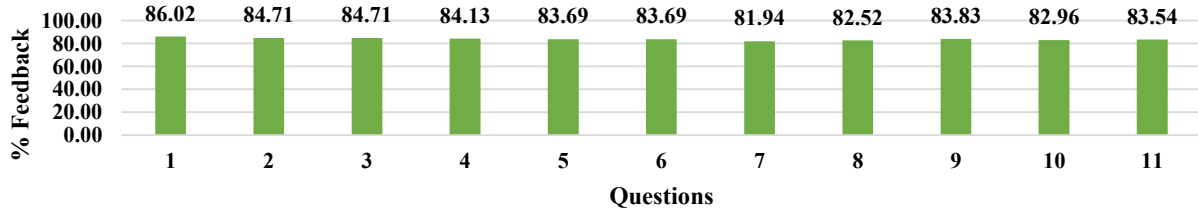
Material Science and Metallurgy



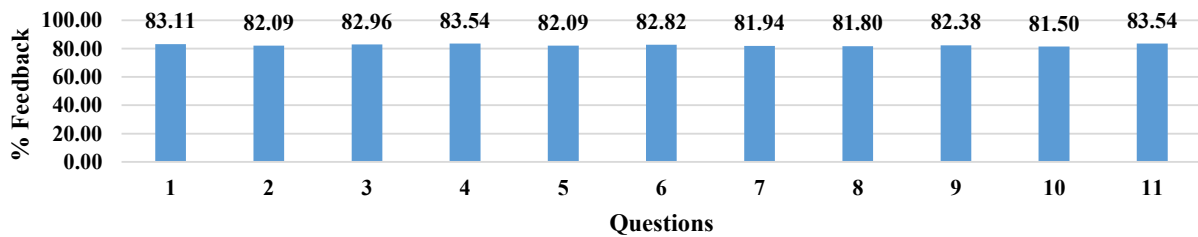
Material Science and Metallurgy Lab



Manufacturing Processes



Manufacturing Processes Lab



Machine Drawing & Solid Modeling Lab

