



Student's Feedback on Curriculum

Action Taken on Student's Feedback

| S.No. | Subject | Feedback | Action Taken |
|-------|----------------------------|---|---|
| 1 | Thermal engineering | The Syllabus of unit-3 & 4 is not balanced | Some portion is replaced and modified for 2020-21 batch. |
| | | Some advanced topic should be added in subject | |
| 2 | Design of Machine Elements | Units are not balanced; some units are lengthy and some units are too short | Unit contents is revised for 2020-21 admitted batch |
| | | Course of unit 3 rd has to be updated | Unit 3 updated: |
| 3 | Automotive Materials | Old content is available in syllabus | Unit-5 has been modified and incorporated in 2021-22 batch. |
| 4 | Maintenance engineering | Subject is not interesting as it is based on industrial point of view | Unit 2 and 3 updated |
| 5 | Industrial Engineering | Sequence of units is not well arranged | Units no.4 and 5 are re-arranged. |

Students feedback on course content_Curriculum



- The course is well designed
- The learning material was available to you
- The course was relevant and updated for present needs
- The course will be useful to meet your higher studies/future aspirations
- The syllabus units are balanced
- The content was clear and easy to understand
- The course meets your career expectations

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| Parameters | Average Feedback (Out of 5) | | | | | | | |
|---|-----------------------------|--------|--------|--------|--------|--------|--------|--------|
| | 120411 | 100007 | 100005 | 190412 | 190613 | 190611 | 190411 | 190413 |
| The course is well designed | 4.06 | 3.65 | 3.64 | 3.67 | 4.50 | 4.17 | 3.27 | 4.27 |
| The syllabus units are balanced | 4.12 | 3.78 | 3.71 | 3.89 | 4.56 | 4.00 | 3.45 | 3.95 |
| The learning material was available to you | 4.06 | 4.03 | 3.96 | 3.67 | 4.50 | 4.50 | 3.45 | 4.18 |
| The content was clear and easy to understand | 4.18 | 4.05 | 3.71 | 3.44 | 4.56 | 4.17 | 3.27 | 3.86 |
| The course was relevant and updated for present needs | 4.24 | 4.00 | 3.75 | 3.67 | 4.50 | 4.50 | 3.27 | 3.86 |
| The course meets your career expectations | 4.18 | 3.70 | 3.71 | 3.44 | 4.50 | 4.17 | 3.45 | 4.00 |
| The course will be useful to meet your higher studies/future aspirations. | 4.29 | 3.70 | 3.71 | 3.33 | 4.56 | 4.33 | 3.64 | 4.14 |

| Parameters | Average Feedback (Out of 5) | | | | |
|---|-----------------------------|--------|-------|--------|--------|
| | 120611 | 120413 | 10004 | 190414 | 120414 |
| The course is well designed | 3.9 | 4.0 | 4.07 | 3.71 | 4.25 |
| The syllabus units are balanced | 3.8 | 3.9 | 4.03 | 3.67 | 4.25 |
| The learning material was available to you | 4.2 | 4.1 | 3.97 | 3.90 | 4.25 |
| The content was clear and easy to understand | 4.2 | 3.9 | 3.87 | 3.57 | 4.25 |
| The course was relevant and updated for present needs | 4.2 | 4.1 | 3.97 | 3.7 | 4.4 |
| The course meets your career expectations | 4.2 | 3.9 | 4.00 | 3.6 | 4.3 |
| The course will be useful to meet your higher studies/future aspirations. | 4.2 | 4.0 | 3.93 | 3.6 | 4.3 |

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 Deptt. of Mechanical Engineering
 Madhav Institute of Tech. & Science
 Gwalior - 05 (India)



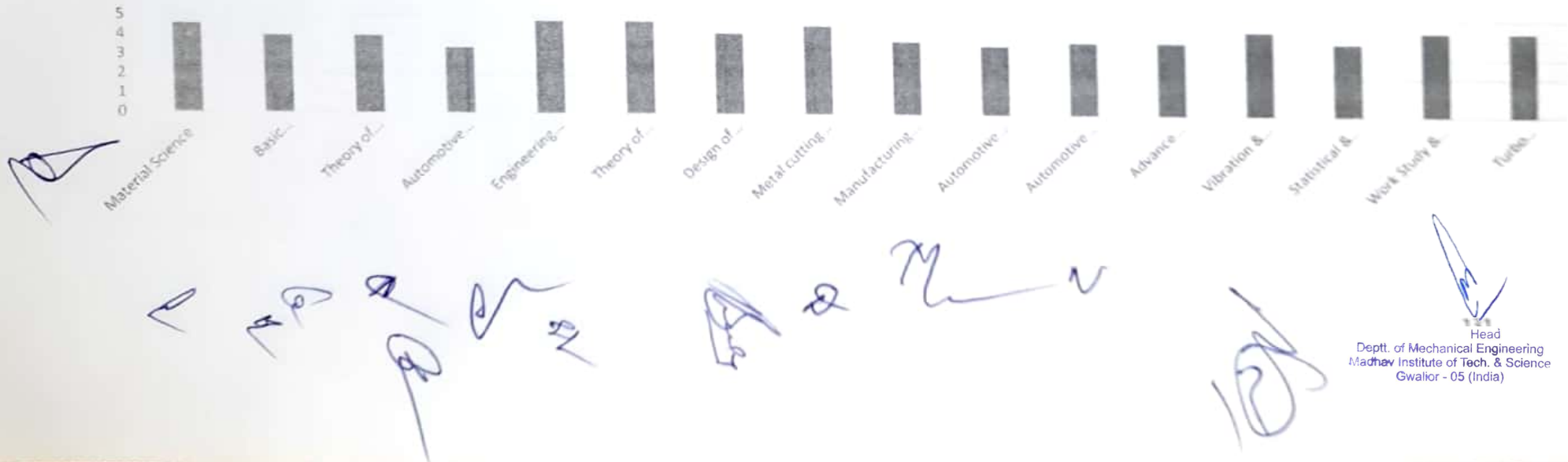
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Teacher's Feedback on Curriculum

Action Taken on Teacher's Feedback

| S.No. | Subject | Feedback | Action Taken |
|-------|---------------------|--|--|
| 1 | Thermal Engineering | Syllabus is too vast and contains non-interrelated topics | Some units are split and added in other subjects for 2020-21 admitted batch |
| 2 | APT | Lab portion should be removed from the subject | Updated in the syllabus. |
| 3 | VNC | More utilization of SKF lab is required in vibration subject so it should be departmental core (DC) instead of departmental elective (DE). | This implementation will be done in upcoming BoS meeting, as this course will be offered in final year |
| 4 | MP | Laboratory exposure is lacking, as there is no practical slot in subject | Laboratory portion may be covered by Skill Based Project. |
| 5 | DoME | Syllabus for Automobile engineering is vast and need modification | This implementation will be done in upcoming BoS meeting, and will be applicable for 2020 admitted batch |

Overall Faculty Feedback

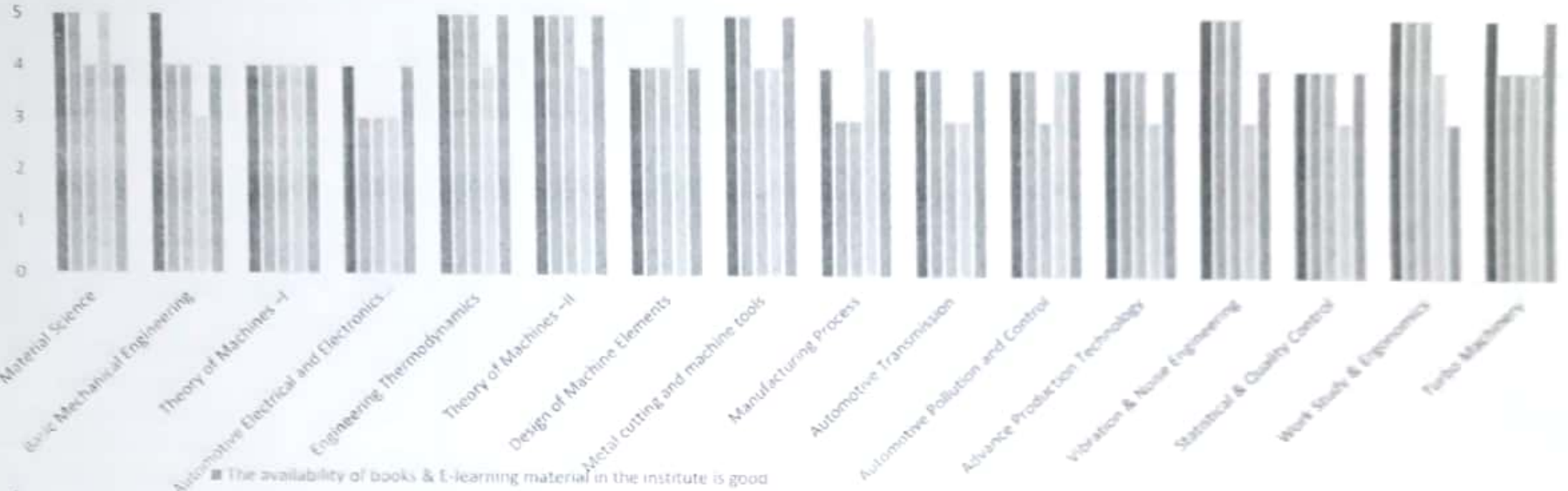



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Teacher Feedback (on a scale of 1-5)



- The availability of books & E-learning material in the institute is good
- The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?
- The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends.
- The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.
- The curriculum is capable of inculcating life-long learning abilities in students.

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| Subject Name | The availability of books & E-learning material in the institute is good | The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes? | The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. | The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present. | The curriculum is capable of inculcating life-long learning abilities in students. | Overall Rating |
|--|--|---|--|---|--|----------------|
| Material Science | 5 | 5 | 4 | 5 | 4 | 4.6 |
| Basic Mechanical Engineering | 5 | 4 | 4 | 3 | 4 | 4.0 |
| Theory of Machines -I | 4 | 4 | 4 | 4 | 4 | 4.0 |
| Automotive Electrical and Electronics System | 4 | 3 | 3 | 3 | 4 | 3.4 |
| Engineering Thermodynamics | 5 | 5 | 5 | 4 | 5 | 4.8 |
| Theory of Machines -II | 5 | 5 | 5 | 4 | 5 | 4.8 |
| Design of Machine Elements | 4 | 4 | 4 | 5 | 4 | 4.2 |
| Metal cutting and machine tools | 5 | 5 | 4 | 4 | 5 | 4.6 |
| Manufacturing Process | 4 | 3 | 3 | 5 | 4 | 3.8 |
| Automotive Transmission | 4 | 4 | 3 | 3 | 4 | 3.6 |
| Automotive Pollution and Control | 4 | 4 | 3 | 4 | 4 | 3.8 |
| Advance Production Technology | 4 | 4 | 4 | 3 | 4 | 3.8 |
| Vibration & Noise Engineering | 5 | 5 | 5 | 3 | 4 | 4.4 |
| Statistical & Quality Control | 4 | 4 | 4 | 3 | 4 | 3.8 |
| Work Study & Ergonomics | 5 | 5 | 5 | 4 | 3 | 4.4 |
| Turbo Machinery | 5 | 4 | 4 | 4 | 5 | 4.4 |

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Alumni's Feedback on Curriculum

Action Taken on Alumni's Feedback

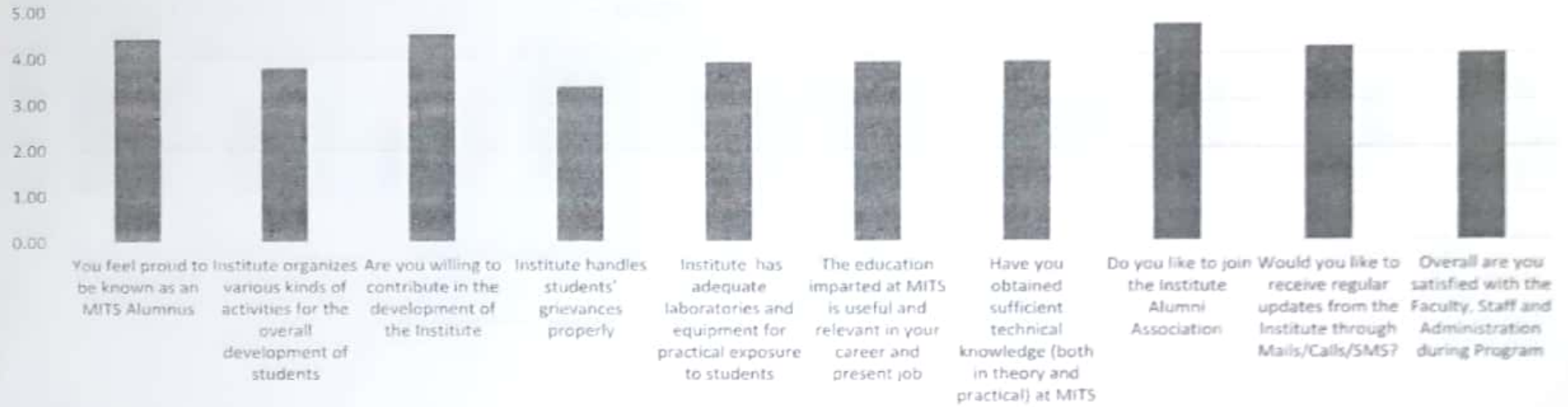
The feedback responses from alumni and action taken is illustrated in the following table:

| S.No | Feedback | Action Taken |
|------|---|---|
| 1 | Need to touch the industrial and research aspects | Internship in industry is offered in Mechanical VIII sem, also ethical classes conducted under NSS. |
| 2 | As the mechanical labs still have same equipment which we saw 18 years back, however good that Cad Cam lab has improved a lot and given that industry has moved to automation, it will be beneficial for students. | Advanced software/Technology are covered through various theory subjects and laboratory. SKF lab and Ansys software is available in the department. |
| 3 | Add some courses practical classes for core branches like: MATLAB, Coding's and advance simulation tool | In flexible curriculum DE and OCs subjects are available for such courses. |
| 4 | It is found there's no course on FEA, Robotics, Mechatronics, CFD introduced at Bachelor's curriculum. It is not included in GATE but holds importance in industry. The interdepartmental collaboration within MITS can also be helpful to learn about Signal Processing, controls (similar to NVH data Processing) and programming python, Java. I think we should allow students to take subjects interdepartmental as per their choice / target (placements or GATE) | Such activity has been initiated and incorporated. CAD lab associated with ANSYS software to analysis modern tools. Also NPTEL course offered for the advance engineering. OC is subjected to inter-discipline subject. |
| 5 | Try to add Data science in present curriculum | Data science subject has been implemented in V semester 2020-21 batch. |
| 6 | State of the art courses need to be added. This needs to discussed and planed and I would be happy to be part of it. | NEC courses are running for such development.. |
| 7 | Practical exposure is very less. Collage not provide any campus recruitment or internship opportunity. | 6 month Internship opportunity is providing in VIII sem . |



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Alumni Feedback



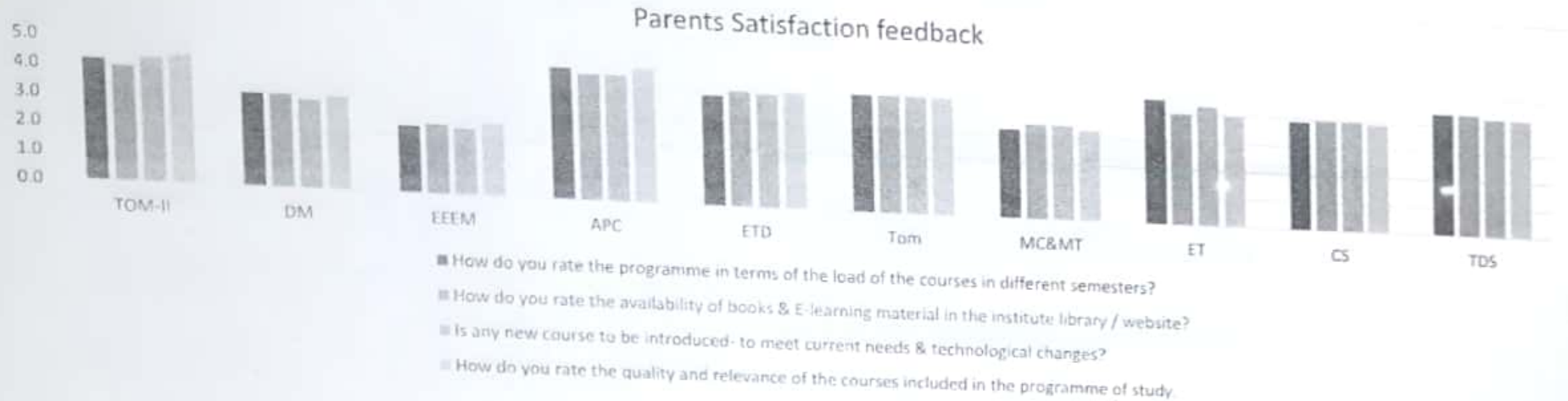
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Parents Satisfaction Feedback



| | TOM-II | DM | EEEM | APC | ETD | Tom | MC&MT | ET | CS | TDS |
|---|--------|-----|------|-----|-----|-----|-------|-----|-----|-----|
| How do you rate the programme in terms of the load of the courses in different semesters? | 4.2 | 3.3 | 2.4 | 4.6 | 3.9 | 4.2 | 3.2 | 4.5 | 3.9 | 4.4 |
| How do you rate the availability of books & E-learning material in the institute library / website? | 4.0 | 3.3 | 2.4 | 4.5 | 4.1 | 4.2 | 3.4 | 4.0 | 4.0 | 4.4 |
| Is any new course to be introduced- to meet current needs & technological changes? | 4.3 | 3.1 | 2.3 | 4.5 | 4.0 | 4.2 | 3.4 | 4.3 | 4.0 | 4.3 |
| How do you rate the quality and relevance of the courses included in the programme of study. | 4.5 | 3.2 | 2.5 | 4.7 | 4.1 | 4.2 | 3.3 | 4.0 | 3.9 | 4.3 |



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Employer Feedback 2021-22

Employer Feedback

Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Demonstrated ability to work well in a team]



Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Level of ethical and social responsibility]



Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Have they been deserved for elevation to higher level?]



Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Level of success in learning new areas, engaging in professional development, and adapting to technological c



Please characterize the accomplishments of graduates from MITS Gwalior in your company, focusing on their few years performance after graduation [Level of technical contribution]



0 5 10 15 20 25 30 35 40

■ Fair ■ V good ■ Excellent

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