


### 1.4.2 Feedback processes of the institution may be classified as follows

#### A. - Feedback collected, analyzed and action taken and feedback available on website

Department	Stakeholders	Feedback Received	Action Taken	Sign
Automobile Engineering Department   Head of Department Automobile Engineering Indus Institute of Technology & Engineering	Student	<p>Feedback from the students received mainly recommendations on offering more independent department electives to diversify their knowledge to enhance their chances in the future.</p> <p>Setting targets for job placement in to the Corporate world</p>	<p>In view of the student feedback data for the enhancement of the students' placement chances, more electives were introduced in the curriculum, to enlarge their knowledge pool.</p> <p>Mock interview directed by Departmental T&amp;P coordinator.</p> <p>Department have facilitated many students to acquire their IDPs at various MNCs. Example. Tata Motors, Masware Inc., etc.</p>	
	Teacher	Students lack communication and presentation skills, in-spite of having very good command on technical knowledge. The biggest drawback of most students is that they can't express the knowledge they have.	The curriculum has been designed to make students industry ready by imparting analytical and reasoning, language and soft skills in addition to technical competencies, as desired by the industry.	
	Employer	<p>Need to incorporate skill based subject, that can be directly add an advantage to an individual's resume, to increase the employ-ability of the students.</p> <p>Automobile Sector is having a transition and moving towards clean fuel technologies. Subjects that satisfies these changing needs, must be introduced.</p>	<p>Board of Studies meeting held in June 2017, Computer Integrated Manufacturing &amp; Automobile Hydraulics / Pneumatic Systems were incorporated, are the value added subjects, which enhances an individual's skill.</p> <p>Board of studies meeting held in June 2019 integrated subjects like Electric and Hybrid Vehicles, Mechatronics and Autotronics in the Syllabus.</p>	
	Alumni	<p>To give instructional exercise to competitive test arrangements</p> <p>Need to integrate flexibility in academics for students to explore various possibilities.</p> <p>Courses in the curriculum to promote Entrepreneurship and leadership qualities of students.</p>	<p>Instructional exercise classes for GATE were directed by all the branches of college</p> <p>Board of studies meeting held in June 2019 accepted the concern raised and the concept of open elective along with more choices of departmental electives has been offered</p> <p>Board of studies meeting held in June 2019 accepted the concern raised and entrepreneurship development subject was introduced in all streams of engineering.</p>	


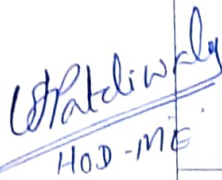
<p>Civil Engineering Department</p> <p><i>W.Sam</i></p> <p>Head Civil Engg Dept Indus University</p>	Student	Tutorial component can be of 1-hour duration depending on subject need.	Noted and incorporated in all programs and for all courses.
		Laboratory shall be divided into two batches. (Each not exceeding 30 Students.)	Noted and incorporated.
	Teacher	Software licensing and expiry must be monitored from time to time, and must be renewed immediately.	Noted. SAAP and ETABS will be renewed.
		Looking in to 15 weeks of teaching, minimum 10 Practical/ Experiments for subject containing practical component are to be designed.	Incorporated.
	Employer	Inclusion of 60% Internal component and 40% External component for all programs (UG as well as PG). The faculty however have to maintain the records of internal grading, the basis of Internal grading to be transparent.	Noted and Incorporated for all program. The basis of internal grading can be student regularity, student involvement in the subject quiz, class tests and student assignments.
		Emphasis has to be laid down on courses containing Engineering sciences, Basic Sciences and Professional core Engineering courses.	Incorporated in all semester with 14% Engineering Science, 12% Basic Science and 31% Professional Core Courses.
Computer Engineering Department	Alumni	Basket of departmental electives for every PG program must contain at least four electives.	Incorporated four departmental electives in lieu of three for all PG program.
		Flexibility of having minimum of 02 credit for micro electives for all program (UG as well as PG) must be worked out. Also to be mentioned in the teaching Scheme so that students stand well aware, and may be ready to earn more credits by opting for micro electives.	Incorporate
	Student	Latest programming subjects are required Teaching hrs. are more in number so we are not getting time for preparation and self-study	Added all recent programming subjects like Python program and Android Programming Total teaching hrs and credits are reduced as per new AICTE model syllabus guidelines
	Teacher	Enrollment in Professional activities apart from standard curriculum, should be encouraged like mooc (nptel, coursera, oracle academy, spoken tutorials) to support basic curriculum.	Given weightage to such areas under internship credit and personality credit.
	Employer	Subjects /areas which helps to strengthen basic foundation and advance level to support higher studies should be there in course Subjects related to Industry readiness should be reflected in curriculum	Incorporated such subjects/areas. Introduced trending needs like cloud computing and data analytic



Electronics & Communication Engineering Department	Alumni	Curriculum should have subjects/sessions based on TnP activities	Witnessed Improvement in Placement records by including special aptitude and technical sessions.
	Student	Holistic Development of the students should be ensured as the present curriculum and teaching scheme is too lengthy to spare time for other activities	Board of Studies meeting held in June 2016 accepted the concern raised and the number of credits were reduced from 194 to 160 inline with the guidelines of AICTE Model Syllabus. This allows spare time to students to participate for the sports, cultural and other technical activities along with internships
	Teacher	Students having sharp technical knowledge are lacking in the presentation skills	The curriculum has been designed to make students industry ready by imparting analytical and reasoning, language and soft skills in addition to technical competencies, as desired by the industry.
	Employer	Need to Incorporate subjects like verilog design or VHDL Design, so as to increase the employability in VLSI industry-elfinfochips, Ahmedabad  Students of Electronics and Communication branch are little weak in software coding	Board of Studies meeting held in June 2017 accepted the concern raised and a 3 credit subject called Digital System Design has been incorporated in the teaching scheme. Board of studies meeting held in June 2019 accepted the concern raised and the concept of open elective has been introduced. So student of EC can learn important software languages like C, C++, Python and Android Programming
Electrical Engineering Department	Alumni	Need to incorporate academic flexibility for students as a part of curriculum  Courses in the curriculum promote Entrepreneurship and students are encouraged and supported to initiate startups by Startup school mentorship	Board of studies meeting held in June 2019 accepted the concern raised and the concept of open elective along with more choices of departmental electives has been offered  Board of studies meeting held in June 2019 accepted the concern raised and entrepreneurship development subject was introduced in all streams of engineering
	Student	Renewable energy sources like solar and wind to be added as a part of curriculum Cyber security should be added as noncredit or credit subject. Advanced courses with interdisciplinary subjects should be added	Alternate Energy sources subject had added as an Elective subject Cyber Security & Intellectual Property Rights subject had added as NC course. Soft computing Techniques, Advanced Power System, FACTS had added as an Elective subjects.
	Teacher	Testing of Electrical Equipment should be added.	Testing & Commissioning of Electrical Equipment had added as an Elective subject

Head of Department  
EC Engineering  
Indus Institute of Technology  
& Entrepreneurship

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Ele Engg Dept  
Indus University

	Employer	Optimization should be added	Engineering Optimization Techniques had added as an Elective subject.	Head Ele Engg Dept Indus University 
		Advanced courses with interdisciplinary subjects should be added	Soft computing Techniques, Advanced Power System, FACTS, Modern Control system, Advanced microcontroller, had added as an Elective subjects.	
		Energy management and audit should be added	Energy Management had added as an Elective subject	
		Internship should be added	Personality credit had added to motivate the students.	
	Alumni	More Software should be taught	Added more practical on MATLAB and MiPower software.	
		Artificial Intelligence and Automation should be added	Soft Computing Techniques, Industrial Automation had added as an Elective Subject.	
		Motivate the students for more IDP project.	Department encourage the students for IDP projects and give all supports.	
Mechanical Engineering Department  HOD-ME	Student	<ol style="list-style-type: none"> <li>Need to add choice for electives/specialization courses</li> <li>More teaching hours so not getting time for preparation and self-study</li> </ol>	<ol style="list-style-type: none"> <li>Added number of departmental electives</li> <li>Also added more number of specialization courses in each department electives</li> <li>Total teaching hours are reduced as per new AICTE model syllabus guidelines</li> </ol>	
	Teacher	<ol style="list-style-type: none"> <li>Need to emphasize on more Professional activities apart from standard curriculum</li> <li>Should have space for mooc (nptel, coursera, oracle academy, spoken tutorials) courses to support basic curriculum.</li> </ol>	<ol style="list-style-type: none"> <li>More space is given to such areas under internship/personality credit courses</li> <li>Encouraged students for paper publications, startups, IPR etc. activities</li> </ol>	
	Employer	<ol style="list-style-type: none"> <li>Provide exposure to current and advanced technological changes in various domain of discipline along with basic and fundamental courses</li> <li>Should have more linkages between industry-academia interactions and courses</li> <li>More encouragement to industry defined projects, innovations</li> </ol>	<ol style="list-style-type: none"> <li>Incorporated and added audit courses, Internship possibly in each semester</li> <li>Introduced more courses like IPR, organizational behavior, Patent creation, Introduction to research to have innovative skills among student fraternity</li> <li>More departmental electives provide depth and specific domain exposure as per interest and trends</li> </ol>	
	Alumni	<ol style="list-style-type: none"> <li>More emphasize on overall development of student</li> <li>Need to introduce courses for students to work in team</li> <li>More practical exposure than theoretical learning for better placement</li> </ol>	<ol style="list-style-type: none"> <li>Included some personality courses for overall development</li> <li>More internship courses and audit courses</li> <li>Inclusion of some special aptitude and technical sessions for placement perspective</li> </ol>	



<p>Indus Institute of Management Studies Indus University, Ahmedabad - 382115</p> <p>Head - Department of Management Studies</p>	Student	For BBA Aviation, Students suggested to include latest ticketing reservation software	New software was introduced.
	Teacher	For BBA Aviation and Logistics, it was suggested that regular subjects like Accounting, Economics and Strategic Management should be included to make the syllabus more holistic	Suggestion Incorporated Credit for Dissertation was increased from 2 to 3
		For BBA (all streams) Sem 5, more emphasis should be given on industry interface	Industry interaction in the form of industrial visits has been made mandatory in every semester
	Employer	<b>For BBA (Aviation)</b> 1. Air Commander Prakash Patil suggested that Software to be used Sky speed for Reservation and Fly speed for Check-in Instead of Galilio Reservation. 2. Disaster Management – Airport disaster management, Airlines crash management were suggested	The said software – Sky speed and Fly speed was incorporated in the syllabus.  The suggested topics were added in the subject of Disaster management
<p>Institute of Management Studies</p> <p>Indus Institute of Management Studies Indus University, Ahmedabad - 382115</p> <p>Head - Department of Management Studies</p>		<b>For MBA (Healthcare-specialisation)</b> 1. Project management – eco-friendly hospitals and intelligent infrastructure to be included in Hospital Planning and Management subject  2. Legal aspects of healthcare sector (Medico-legal issues) to be included in Hospital and Patient Relation Management subject unit An expert session can be arranged for the same. Emphasised on importance and criticality of 7Ps in marketing of healthcare services Government's role in healthcare management – to be covered in Contemporary Issues in Healthcare Management subject. Material management – stores/inventory to be added in Hospital Hazards and Waste Management subject. Hazardous materials handling in Hospital Hazards and Waste Management subject. A holistic concept of Nutrition and Diet was suggested to replace "Diet" in	Project management was included in Hospital Planning and Management subject  Legal aspects of healthcare sector were incorporated in the syllabus of Hospital and Patient Relation Management  Expert sessions will be arranged for the suggested topics

<p><i>Interview</i></p> <p><i>FOR</i></p> <p>Head - Department of Management Studies, Indus Institute of Management, Ahmedabad, 382115.</p>		<p>Hospital Supportive Services and Facilities Management subject</p> <p>Hospital Hazards and Waste Management to be called Hospital Bio-Waste Management</p> <p>Paradigm shift of the orientation of healthcare sector from philanthropic to profit making to be included in Hospital Planning and Management subject.</p>		
		<p><b>Operations Management</b></p> <p>Combine Principles of Material Management and Purchase and Inventory Management</p> <p>Principles of Materials Management – Suggested to add large scale procurement topic.</p> <p>Enterprise Resource Planning – Suggested to introduce practical sessions on computer software like SAP, Oracle.</p> <p>Total quality Management - Six-sigma, Process excellence, 7 QC Tools, Process excellence prizes /awards, Malcom Baldrige, Deming Prize, EFQM topics were suggested.</p>	<p>The two said subjects were combined as per the given suggestion</p> <p>The suggested topic was added in the subject.</p> <p>Practical sessions in the subject will be included in the session planning</p> <p>The said topics will be included in the subject and the same will reflect in the session plan</p>	
		<p><b>BBA - Logistics and Supply Chain Management</b></p> <p>In BBA semester 6, Maritime Logistics and Documentation should include Airport logistics and documentation and road logistics and documentation rather than focusing only in Maritime Logistics and Documentation.</p>	<p>Airport logistics and documentation were also added in the subject of Maritime Logistics and documentation subject.</p>	
	Alumni	<p>They suggested that the teaching learning contact hours should be reduced so that they could pursue field projects and undertake short assignments in company.</p>	<p>Duration of practical courses was increased from 2 hours to 3hours and students from PG and UG undertook part time corporate assignment and internships.</p>	



<p>Institute of computer Technology</p> <p><i>[Handwritten Signature]</i> HOD, CS TIICT</p>	Student	Special feedback session for the students is conducted wherein students provided suggestions on various aspects of teaching-learning and curriculum design. They also suggest to introduce advance course/programme related to Artificial Intelligence.	We introduce new Programme of Data Science, Machine Learning & Artificial Intelligence.
	Teacher	Each faculty, provided feedback on updation/modification of syllabus taught by him/her and forwarded it to the HoD. Also new subjects according to industry requirement are also suggested.	Suggestions of faculties are considered for introduction of new subjects, credit change and content modification. The Board of Studies (BoS) for each department conducted a meeting wherein modified content were put forward to the committee for consideration. Based on the expert comments of the BoS, the committee take a final decision for the required modification of syllabus.
	Employer	During the placement activity, Some of the employee like o2h, Agile, eInfochips suggest for introducing courses related to Times Series Analysis, Data analytic, Simulation.	The suggestions of Employers are put forward, discussed and related modifications were done in our new Programme.
	Alumni	At the time of alumni meet; alumni "Parth Dave" suggest for introducing new course related to Data Science and Computer Science in existing programme. Another alumni "Jainam Shah" suggest to introduce new programme related to Data Science.	We introduce two programme "Data Science" and "Computer Science" in academic year 2020-21.
Materials and Metallurgical Engineering Department	Student	Students appreciated the training programs conducted by the department but they felt that the cost for such programs are too steep, so they suggested to reduce the same.  Students have suggested to have more interaction with experts on the subject and industrial training to reduce the disconnect between academic and industry practice.  To break the melancholy among regular semester some activities need to be added	Considering the issues faced by the students, the department in conjunction with the management reduced the training cost of IFTARC hand on training programme from Rs. 2500 to 1000.  The department organized expert lectures and sessions from industrial experts and also have industrial visits of relevant subjects in each semester  The department introduced the best performance awards to the best


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	<p>To Introduce practical based learning.</p> <p>Need more reference books and more copy of text books in library.</p>	<p>students, overall performance and best projects which introduced healthy competition among the students and created a vibrant atmosphere in the department.</p> <p>Department organizes short term training programs, Workshops, Seminars and Industrial Training programs for students to get the best possible bridging between theory and practice.</p> <p>Department has indigenous library which is updated every year with major books being donated by alumni of the department.</p>
Teacher	<p>Teachers felt that students in final year have to spend more time in learning project management and things associated with project.</p> <p>The communication and presentation skills are found lacking even among final year students.</p> <p>The research potential of students need to be increased.</p>	<p>To counter this, department has started to offer mini research projects in the pre-final year, this has been widely applauded by all where we received wonderful feedback and as a result we have one publication and one poster presentation victory in an international conference. In addition, in BoS 2018 research paper review and presentation subject is incorporated in 7<sup>th</sup> semester</p> <p>The department has introduced seminar and presentation in second and third year to prepare the students and increase the presentation skills.</p> <p>Final year students are encouraged to do their project in national laboratories and institutes through faculty network connection.</p>
Employer	<p>Need for skilled labour especially in metal casting industry which is one of biggest employment sector for metallurgists in the state of Gujarat</p> <p>Lack of Soft Skills and Communication Skills</p>	<p>Department has a skill development center named Indus foundry Training and Research Centre (IFTARC), with Centre for Entrepreneurship Development (CED), Gujarat Government to train them in various aspects of Sand and Die Casting.</p> <p>Board of studies 2018 addressed the same issue and introduced the syllabus of Technical Communication and Soft Skills and Advanced Technical</p>

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		To have a better leaning about company and corporate work culture.	<p>Communication and soft skills in 5<sup>th</sup> and 6<sup>th</sup> Semester Respectively.</p> <p>In BoS 2018, addressed the same issue and introduced the syllabus of Management for Engineers and Organizational Behaviour.</p>
	Alumni	<p>Need to incorporate academic flexibility for students as a part of curriculum</p> <p>To have more connect between alumni and students.</p>	<p>BoS 2019 accepted the concern raised and the concept of Choice Based Credit System (CBCS) along with more choices of departmental electives has been offered and beyond that more open electives are offered from different department which leads to more multidisciplinary learnings.</p> <p>Department organizes at regular intervals alumni meet, alumni lectures and with the help of alumni, organizes industrial visit, training and placements where our alumni is working or is owning the same.</p>

  
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