



Mahatma Education Society's  
**Pillai College of Engineering**

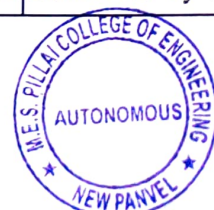
(Autonomous)

Dr. K.M Vasudevan Pillai's Campus, 10, Sector 16, New Panvel - 410206

The institute conducts the regular feedback from its stakeholders (Alumni, Employer, Teacher, Students). The Feedback is conducted to invite the suggestions and comments on the curriculum of the respective program. The collected feedback is analyzed and the corresponding action to be taken is decided. The comments received on the addition of topics or courses are forwarded to the respective members of the Board of Studies so as to consider the suggestions in the revision process of the syllabus. Various courses are also conducted in response to the feedback at the respective program level.

**Sample Action Taken Report of the Employer Feedback of Academic Year 2021-22**

SN	Name of Person	Designation	Feedback	Action Taken
1	Ipsita Behera	Quality Engineer	Offering of the electives at Department and Institution level in terms of their relevance to the specialization streams and Advance Technologies Should be as per industry needs	Inclusion of following elective course in autonomy syllabus:- (1) IoT systems and Applications (2) Internet of Everything (3) Blockchain Technology (4) Big Data Analytics (5) Information and Cloud Security (6) Information Retrieval and Social Network Analysis
2	Sayali Samir Shetye	Assistant system engineer	Electives at Department and Institution level are not as relevant to the specialization streams and Advance Technologies as per industry needs.	The Autonomy syllabus has been framed by taking inputs from industry experts.
3	Pradnya Balsaraf	Assistant Manager HR	The curriculum prepares students for Entrepreneurship and	Start up talk series are conducted by IIC PCE in



			encourages them to initiate startups	collaboration with ETSA to inculcate entrepreneurship skills among students.
4	Pradnya Balsaraf	Assistant Manager HR	The curriculum prepares students for Entrepreneurship and encourages them to initiate startups	Start up talk series are conducted by IIC PCE in collaboration with ETSA to inculcate entrepreneurship skills among students.

### Sample Action Taken Report of the Alumni Feedback of Academic Year 2021-22

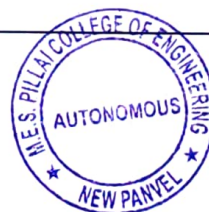
SN	Name of Alumni	Designation	Feedback Received	Actions Taken
5	Shridhar Sahu	Self-employed	Increase Industry-Academic relationship, more projects, less assignments, more cross-department involvement	1. Talks by Institute professionals organized for students. 2. Internships by industries floated for students 3. Introduction of interdisciplinary courses
6	Bhupesh Verma	Assistant System Engineer at TCS	Need to design more technological syllabus	The suggestions are forwarded to the member of BoS of (Mumbai University) also PCE through proper channel with a request to consider at the time of syllabus revision
7	Aditya Vipin	Pursuing Nanodegree program of EV design	More support to racing teams and extracurricular activity	1) Encouraged students to participate in various car design teams like Hyperion, SPARK., 2) Students are encouraged to participate in various national and International level Project competitions like smart India Hackathon, Avishkar. 3) College provide financial support



8	Raj Kheratkar	Analyst	The approach needs to include newer technologies that are actually used in the industry.	Inclusion of following elective course in autonomy syllabus:- (1) IoT systems and Applications (2) Internet of Everything (3) Blockchain Technology (4) Big Data Analytics (5) Information and Cloud Security (6) Information Retrieval and Social Network Analysis
9	Girish Dange	Assistant Manager - Junior software developer	The Rev-2016 course studied is not much related to the competencies expected out of the course	Autonomy syllabus has introduced 4 verticals of specializations with various courses in each vertical, for students to be able to undergo detailed study in one of the verticals.
10	Rohan Maloor	-	In curriculum hands-on experience should given to the students for any technology	Internships conducted to improve hands on experience.
11	Abhijit Hande	Software Engineer, TCS	Made us aware of the need for life long learning and inculcated entrepreneurship skills.	Start up talk series are conducted by IIC PCE in collaboration with ETSA to inculcate entrepreneurship skills among students.
12	Pranali Peddelli	-	Introduced me to professional ethics and course of professional practice	Course on Professional Communication & Ethics II is introduced in syllabus of TE EXTC, Semester V

### Sample Action Taken Report of the Teacher Feedback of Academic Year 2021-22

Sr No	Feedback received	About the course	Action taken
13	<b>Sub: Metal Forming Technology Sem: 6</b> Need to add Some compulsory industrial visits	Sub: Metal Forming Technology Sem: 6	Visit to Paramount Forge, Kamothe



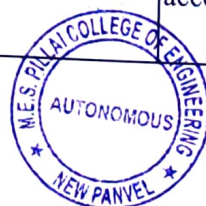
14	<b>Sub: Fluid Mechanics and Machinery Sem: 4</b> More focus should be given to aerofoil theory, Hydraulic turbine module can be dropped from the course	Sub: Fluid Mechanics and Machinery Sem: 4	The suggestions are forwarded to the member of BoS of PCE through proper channel with a request to consider at the time of syllabus revision
15	<b>Sub: Automotive System Design Sem: 6</b> Auto systems has to be separate subject and Auto design has to be separate subject	Sub: Automotive System Design Sem: 6	1. The suggestions are forwarded to the member of BoS of (Mumbai University). 2. The improvements have been incorporated during designing Autonomous Course content.
16	<b>Sub: Automation &amp; Artificial Intelligence Sem: 6</b> The subject should be core Mechatronics and Artificial intelligence should be dropped	Sub: Automation & Artificial Intelligence Sem: 6	1. The suggestions are forwarded to the member of BoS of (Mumbai University). 2. The improvements have been incorporated during designing Autonomous Course content.
17	Sub: Automation And Artificial Intelligence Sem: VI 1) Development of experiments on Applications of AI in mechanical Engineering using python or R programming can be included. 2) Only concepts and algorithms included in syllabus it can be extended to few applications on python or R Programming to understand how AI is implemented for a specific problem	Sub: Automation And Artificial Intelligence Sem: VI	The suggestions are forwarded to the member of BoS of Mumbai University through proper channel with a request to consider at the time of syllabus revision
18	Sub: Tool Engineering Sem: VI there must be some provision to allot some weightage to attendance	Sub: Tool Engineering Sem: VI	The suggestions are forwarded to the member of BoS of Mumbai University through proper channel with a request to consider at the time of syllabus revision
19	For some elective courses like Cyber Security no practical are allocated in syllabus. In such case students lag in the knowledge about industry exposure regarding the subject.	Cyber Security	Internship program is organized for students on Cyber Security and Digital Forensics
20	No practical has been	Cyber Security	Autonomous syllabus offers an



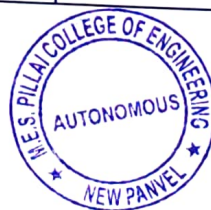
	allocated, in syllabus, for an elective course like Cyber Security has. In such case students lag in the knowledge about industry exposure regarding the subject.		elective course <b>Cyber Security and Laws</b> with credits for practicals.
21	The existing curriculum does not have analytical reasoning, communication and soft skills components.	--	Inclusion of Mini projects for sem IV, V, VI, VII will prepare the students for qualitative and quantitative analysis. Apart from skill development team building, oral communication and presentation skills are also developed.
22	IC manufacturing processes and mask layout should be added in this subject. IC manufacturing processes and mask layout should be added in the syllabus and experiments on mask layout using microwind tools should be added.	--	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
23	Microprocessor part of the syllabus can be reduced. Number of experiments with 8086 can be reduced.	--	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
24	More weight should be given on Novel MOSFET: FinFET, GAA-FET, CNTFET. RTL Design.	--	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.

### Sample Action Taken Report of the Student Feedback of Academic Year 2021-22

SN	Name of the Subject & Semester	Feedback	Action taken
25	Engineering Mathematics I Sem I	Find it difficult to apply the concepts of Numerical methods for solving the Engineering problems with the help of SCILAB software.	Batchwise SCILAB practicals are introduced in the autonomous syllabus and the practicals are conducted accordingly.



			<a href="https://drive.google.com/file/d/1AhZfVHRfxp4riYQmvnxVC1kqBXo6P-tG/view?usp=sharing">https://drive.google.com/file/d/1AhZfVHRfxp4riYQmvnxVC1kqBXo6P-tG/view?usp=sharing</a>
26	Basic Workshop Practice-I Sem I	Difficulty in developing the necessary skill required to handle/use different plumping tools.	Hands-on session are made more effective with adequate practice. <a href="https://drive.google.com/file/d/1n5c8gT4y3L0KZ8zqB8mjy8520oRj_15q/view?usp=sharing">https://drive.google.com/file/d/1n5c8gT4y3L0KZ8zqB8mjy8520oRj_15q/view?usp=sharing</a>
27	Basic Workshop Practice-I Sem I	Problems in demonstrating the turning operation with the help of a simple job.	Hands on session are made more effective with adequate practice <a href="https://drive.google.com/file/d/1PK1faal_tLlhgjt-FSnAJ41Rwb90RIi/view?usp=sharing">https://drive.google.com/file/d/1PK1faal_tLlhgjt-FSnAJ41Rwb90RIi/view?usp=sharing</a>
28	Basic Workshop Practice II Sem II	Problem in developing the necessary skill required to use different sheet metal and brazing tools.	Skills were imparted on various operations of sheet metal and the tools used during practicals with small groups of students and they were guided to prepare the sheet metal tray . <a href="https://drive.google.com/drive/folders/1d7IfvJ4-OhOujnJf5DrtnrRanlrUp7tZ?usp=sharing">https://drive.google.com/drive/folders/1d7IfvJ4-OhOujnJf5DrtnrRanlrUp7tZ?usp=sharing</a>
29	Basic Workshop Practice II Sem II	Students find it difficult to demonstrate the wiring practices for the connection of simple electrical load/equipment.	Provided job practical training to the students to prepare the correct wiring connections and test the domestic wiring circuits by lighting the test lamp by themselves.  <a href="https://drive.google.com/drive/folders/1I2gRUMI3EAb7LYpzM6CpomM8cLbpmvwU?usp=sharing">https://drive.google.com/drive/folders/1I2gRUMI3EAb7LYpzM6CpomM8cLbpmvwU?usp=sharing</a>
30	<b>Sub: Mechanical</b>	Curriculum developed is poor	The curriculum was



	<b>Vibrations Sem: 6</b>		developed keeping in view all the inputs from the experts related to the subject.
31	Sub: Finite Element Analysis Sem: V	More practical knowledge needed, very interesting subject	Finite Element Analysis was included as a part of Mini Project.
32	Sub: Machine design Sem: VI	Curriculum was quite lengthy and vast.	Extra lecture conducted
33	Sub: HVAC Sem: VI	More Practical sessions and industrial visits must be added	Industrial visit to Dry all at Dombivli was conducted
34	Rev-2016 Computer.	Engineering Curriculum does not satisfy the industry needs for employment	To improve the employability of students, as per industry requirements, syllabus is updated in autonomy. Furthermore, various events/training are organized to improve the industry relevant basic skills and employability such as <b>talk/training on (1) windows fundamentals (2) SQL injection (3) Linux fundamentals</b> and so.
35	Rev-2016 Computer	Skill based courses related to managing projects(risk/time/task management) and critical thinking / problem solving need to be added.	A core course <b>Software Project Management</b> has been added in Sem 8 autonomy syllabus
36	Rev-2016/Rev-2019	Curriculum does not satisfy the industry needs for employment.	The Autonomy syllabus has been framed by taking inputs from industry experts.

  
PRINCIPAL

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