



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

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 2019-20**

SN	Company Name	Name of Person	Designation	Feedback	Action Taken
1	Endurance International group	Angela John	Associate manager HR	Students lacked in explaining their projects properly. Technical skills was not as per, communication skills were also not upto the mark	Conducted mock presentations and viva on projects, Data science, IoT etc.
2	Commedia solutions India Pvt.Ltd	Samaram	Sr. HR	Need a real world scenario based learning and development of skills required for every student.their have to explore new ideas on technology and services domains and hosting themselves into a new world and overcome the obstacles and create a bridge between the easy way lifestyle.	Students are motivated for internship and enroll for coursera and nptel courses.
3	Cii	Cii jobdost		Industry orientation is needed.	Industry expert talks are organized.

4	JSW steel	Vijay C. Bathala	Dy. Manager,	Teamwork and coordination can be improved little	PBL are incorporated in Second year and Third year which helps to build teamwork and improve the coordination among the students
5	Capgemini India ltd.	Sachin bagal	Project Manager	Industry Visits should be organised to bridge the gap between industry and academics	PCE organized a two day training/workshop on Embedded System Design and Internet of Things at L & T Corporate Technology and Engineering Academy, Madh Campus on 6 th and 7th February 2020 for Electronics & Telecommunication Engineering students.
6	ABSTC	Sumitha Nair	Manager	Please include an interview preparation module. The placement team needs to have a standard resume format. The student need to be mandatorily be sent for internship from second year onwards so that they can understand concept better	Placement Activity, ASK portal is designed for students which generates resume in standard format , Internship is compulsory in Second and Third Year



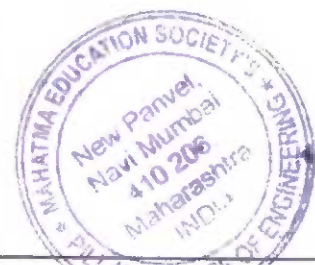
  
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**Sample Action Taken Report of the Alumni Feedback of Academic Year 2019-20**

SN	Name of Alumni	Designation	Feedback Received	Actions Taken
7	Vijil Kotherikunnummal	PG diploma in Automotive Vehicle Design	Should work more on bridging the gap between engineering and industry. I do appreciate that all subject faculties are trying to do, but should do more. Softwares which industry wants from applying candidates should be taught such as MATLAB, SIMULINK, Fluent, CFD.	Arranged workshop on CFD, ANSYS, SOLIDWORKS
8	Ketan Pagar	Design Engineer at Parveen Industries Private Limited	Make students interested in engaging in extracurricular activities rather than just academics and theory. The mentor mentee program was initiated but never really took off, it's a great initiative and would help a lot of students in the coming years, make it happen.	Encouraged students to participate in Placement activities, TPO summit, business ideathon competition
9	Gayatri Udyawar	Subject Matter Expert at FutureBridge	Placements, Mentorship programs for career guidance	Arranged webinar on career guidance
10	Abhishek Singh	Associate Software Engineer at Accenture India	Need to provide more. Entrepreneur environment .Organise more Technical events within the department. Apart from academic knowledge, faculty should provide resources for running technology, competition. Start a culture of Paper publishing it is important from higher studies point of view	Motivated students to publish papers in IEEE and various journals. Encouraged to do certification courses online, eg. NPTEL, Coursera



11	Pallavi Aher	Technical Sales and Support Engineer at ISHWAR Trading.	Do more focus on Practical knowledge and try to give maximum internship. Also try to develop entrepreneur	Students are motivated to undergo internships. To motivate the budding engineers to be a successful entrepreneur, the department and the Institute Innovation Council is organizing various startup talk series from eminent entrepreneurs.
12	Vijainder Mehta	Zaaky Engineering Services	The college should have a separate skill development section, wherein students with varied technical and non-technical skills can register and under the guidance by the mentors, partake in to different domestic and international competitions and thus explore their hidden potentials. • The college should have a stronger Industrial and corporate connect, wherein the students can solve real life problems in design, fabrication, R&D of those companies. The companies will benefit in cost, the students in experience.	Students are guided to take the industry oriented problems as their final year project.
13	Umang Rajendra Joshi		There could be more practical implementation workshops rather than small projects or Assignments. My request is to give students a real life problem and let them solve it. The major problem is people don't know the problem statement. This is where our gurus have to play a great role.	Project Based Learning is included in the curriculum to explore the hidden potential of the students.
14	Sitadevi Sharangow	Software Trainee	More subjects related to communication skills must be	The suggestions are forwarded to the members



	da Muthkhod		involved in every semester so that interviews or GDs don't become a nightmare.	of BoS through proper channel with a request to consider at the time of syllabus revision.
15	Abhilash Dayanandan	Software Trainee, CapGemini	Subjects like IOT, Android/iOS development, Block chain, etc are still missing in the curriculum and are very crucial for industry requirements.	Hands-on training workshop on IOT and its applications was conducted. Also will be communicated to BOS members
16	Abhishek Chaube	Software Trainee	More practical knowledge to be included in existing curriculum to bridge the gap between academics and industry standards	Exposure to project competitions was provided for example Coder of the semester etc.
17	Sagarika Chandel	Software Trainee	More electives should be offered at Department and Institution level	More electives are offered in Revised syllabus
18	Anuj Chhabra	Wipro and GET	Students should be exposed to the industry trends	Conducted industry expert session by S.D. Naik on 18th July 2020 at 11:00 AM on topic "Opportunities and careers in Power Electronics
19	C. Jacob Anthony	Technical Support Engineer, Reliance Corporate park	more workshops has to be conducted for students to improve practical Knowledge	ETSA organized a workshop on Iot ( Internet of Things) on 6th March, 2020.
20	Sumeet K	Maven Trainee	Please provide funding to the excellent technical project teams	An amount of Rs. <u>50,000/-</u> was sanctioned to team MECHATRON for TECHFEST IITB. Project Title is Wireless SUMOBOT and Robot for ROBOMAZE
21	Darshan M Daki		Industry expert lectures should be arranged for the students	Industry Expert lecture on 4G Architecture was conducted on 18th July 2020, 3.00PM to 5.00PM
22	Pankaj Bobade	Network Engineer, RAD Communication	Workshop on Antenna designing and simulation should be conducted	Value Added Course "Antenna Design Thinking and Simulation" conducted



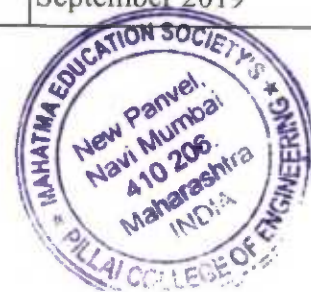
				A webinar on "Antenna Design through simulation using TeraNG: 19.1" was organized .
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**Sample Action Taken Report of the Teacher Feedback of Academic Year 2019-20**

Sr No	Feedback received	About the course	Action taken
23	Case studies in the last unit should be mentioned.If possible recommendation for few case Studies may be listed.In unit number 3 although ethics is mentioned but explains the security threats part.Ethic topic must be added there. For unit number 2 more description on topics like whether to include architectures or triangles is needed. Unit no 4 is lengthy ,it must be divided into 2 units.	Management Information System, Sem VII	Students were asked in groups to identify successful entrepreneurs and map the syllabus with the identified case story, as a part of case study.Topics like the relationship between technology and ethics;from society to schools were identified to give them fundamental idea on ethics and later concepts like hacking, confidentiality were discussed separately as a part of Information Technology.
24	There should be involvement of termwork so that assignment problems can be given to students on different modules to make them conversant with different types of numericals	Operation Research, Sem VII	Students were provided with variety of numericals on different modules for their self assessment
25	We need to have a Practical Session for this Subject. Currently as it is Elective we don't have practical hours. Request University to Incorporate some practical sessions for the subject.	Hybrid Electric and Fuel cell Vehicles, Sem VII	The suggestions are forwarded to the members of BoS (Mechanical Engg) through proper channels with a request to consider at the time of syllabus revision.
26	Study Material for API (Application Programming Interface) which is the newly introduced content should be referred to in the reference book list. Reference books for API practicals should be included.	CAD/CAM/CAE, Sem VII	Study material was provided to the students to get a better understanding of API. Scripts written for API were provided for reference.
27	Practical lab sessions can be added by the University in the syllabus itself to get a live feel of automobile components in the laboratory. Industrial visits can be compulsory/optional which can be mentioned in the syllabus	Automobile Engineering, Sem VII	As practical session was not part of academics student were shown animated videos about syllabus contents and same was shared on google classroom on 5 th September 2019



28	Case study methods could have been included, the financial management module could be reincorporated.	Industrial Engineering and Management , Sem VIII	Case study method has been implemented as an add on which well supplemented the prescribed subject content.yes, students have been introduced to economics involved in industrial engineering with live cases e.g. oil production linked with demand supply and hence pricing and selection of South East and far East Asian countries as likely manufacturing hubs for global industrialization etc. Also students have been introduced beyond syllabus to basic financial statements like balance sheets and profit loss accounts with a brief idea on time value of money
29	Image segmentation topic is partially covered in the syllabus. Topics should be completely covered in all respects.	Digital Signal and Image Processing	Image segmentation covered as content beyond syllabus
30	Case studies in the last unit should be mentioned.If possible recommendation for few case Studies may be listed.In unit number 3 although ethics is mentioned,the syllabus description of unit no 3 only mentions the security threats part.Ethic topic must be added there. For unit number 2 more description on topics like weather to include architectures or triangles is needed. Unit no 4 is lengthy ,it must be divided into 2 units.	Management Information System	List of few Case studies was given and performed by students.  Topic Ethics in IT was covered beyond syllabus. Also Relationship between technology and ethics was covered.
31	As practical sessions are not included, practical representation is difficult.	Cyber Security and Laws	Introduction of Practical demonstration of different cyber attacks was covered using seminar on cyber security
32	The timely coverage of syllabus is not possible in the mentioned number of hours.	Management Information System	The suggestions are forwarded to the member of BoS through proper channel with a request to cover at the time of syllabus

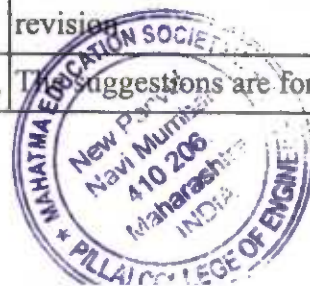




33	The units/sections in the syllabus are not properly sequenced.	Management Information System	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
34	Sufficient reference material and books are not available for the topics mentioned in the syllabus.	Management Information System	Extra material was provided to students for reference
35	The depth of the course content is not adequate to have significant learning outcomes.	Digital Signal and Image Processing	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
36	Syllabus is not sufficient to bridge the gap between industry standards /current global scenarios and academics.	Digital Signal and Image Processing	Industry expert session is planned in upcoming semesters
37	Syllabus is not sufficient to bridge the gap between industry standards /current global scenarios and academics.	Artificial Intelligence and Soft Computing:	Study circle on ML was conducted. Seminar on Data Science was conducted to give brief idea about current global scenarios in AI
38	The units/sections in the syllabus are not properly sequenced.	Artificial Intelligence and Soft Computing	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
39	As UG students are not very comfortable with foreign author books, a latest textbook written by an Indian author on the subject NLP could be added as Text book for this subject .	Natural Language Processing	Book Published by internal faculty experts in NLP
40	Theory should be included	Cloud Computing Lab	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
41	Please add practicals. It is a professional course . Students must know automated tools used in industry.	Software Testing and Quality Assurance-	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
42	The knowledge acquired through this	Enterprise	SCO packet tracer videos were



	laboratory course cannot be applied to develop real time applications.	Network Design	shared and students developed real time applications like home automation
43	The allocation of the credits to the course is not appropriate.	Business Communication and Ethics	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
44	The recommended textbooks are not adequate and map onto the syllabus.	Cyber Security and Laws	New book was introduced and published by faculty member
46	1 more module is added in the revised syllabus. So the syllabus is now a little vast.	Analog and Mixed Design, VLSI Sem VIII	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
47	Addition of mini-project can be considered	Internet of Things, Sem VIII	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
48	Emerging technologies in 4G i.e. concept of MIMO is not covered.	Mobile Communication System, Sem VII	Industry Expert lecture on 4G Architecture was conducted on 18th July 2020, 3.00PM to 5.00PM
49	The books which are exclusively meant for impedance matching, should be added in the list of recommended books.	Microwave Engineering, Sem VII	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
50	The subject should be in lower semester	RF Design, Sem VIII	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
51	The syllabus is vast. The re-sequencing of contents can be discussed.	Optical Communication, Sem VII	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
52	Mini Projects must be there so that	RF Design Lab,	The suggestions are forwarded to



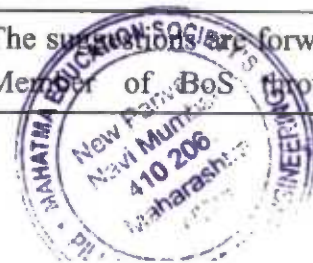
	students can have great insight into the subject.	Sem VIII	the member of BoS through proper channel with a request to consider at the time of syllabus revision.
53	Industrial Visit should be made compulsory for better understanding of the concepts.	Microwave Engineering Lab, Sem VII	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
54	Satellite Network topic can be added in the syllabus	Satellite Communication, Sem VIII	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.

  
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**Sample Action Taken Report of the Student Feedback of Academic Year 2019-20**

Sr N	Subject	Feedback	Action taken
55	Engineering Physics I	Find it difficult to Illustrate the knowledge of Fermi level in semiconductors and applications of semiconductors in electronic devices.	Additional numerical problems are added in the lesson plan. Plotted graphs and explanatory PPTs will be used for better understanding of the concepts
56	Applied Mathematics III Sem III Mech	Need more practise problems on complex integrals, Fourier series and Partial differential equations	Provided practise problems on complex integrals, Fourier series and Partial differential equations
57	Applied Mathematics III Sem III Auto	Need more practise problems on fitting a curve to data and finding coefficients such as correlation coefficient, rank correlation coefficient and regression coefficient	Depending on the students' feedback extra problems for practice on the topics suggested by the students were provided before the theory examinations. Students were also asked to practise the problems asked in previous year's examination questions papers.
58	AOA Sem IV Comp	Difficult to understand randomization, advance data structures, polynomial and non polynomial algorithm and various flow networks	Have plan of taking extra practice problems on algorithms and will use video lectures for detailed explanation
59	ASSDF Sem VII Comp	It was difficult to understand Detection and counter threats to web applications, ethical and legal issues related to cyber crimes and different forensic tools.	Industrial visit was organized to the digital forensic cell at C.B.D. Belapur, Workshop will be planned to demonstrate detection and counter threats to web applications.
60	CGVR Sem V Information Technology	Difficult to understand graphic scenarios to generate animation and analyze virtual reality systems.	Concepts will be explained in detail using video lectures and extra practical sessions.
61	Curriculum Feedback	It just builds the theoretical knowledge. Students do not get experience of industry Like iot is there for IT dept but not for comps.	Students are motivated for internship and IOT workshop was organized for Computer students
62	Curriculum Feedback	Emphasizing more on industry and activities required in a professional level of industry	Industry expert talks are organized
63	Curriculum Feedback	Increase practical practices	Project Based Learning and Mini projects are included
64	Curriculum Feedback	Web development skill based course	The suggestion is forwarded to the Member of BoS through proper



		and Blockchain as a new domain should be included in the curriculum	channel with a request to consider at the time of syllabus revision.
65	Curriculum Feedback	Bring more out in the practicals than theory teaching.provide more and more hands on projects.	Project Based Learning and Mini projects are included
66	Curriculum Feedback	Android app development skill based course and Deep learning as a new domain should be included in the curriculum	The suggestions are forwarded to the member of BoS through proper channel with a request to consider at the time of syllabus revision.
67	Digital Communication Sem V,TE ETRX	Need more practice sessions to understand the concept of baseband transmission.	Planning one hour extra lecture with emphasis on baseband transmission this semester.
68	Power Electronics Sem VII,BE ETRX	Need more practice sessions to understand the concept of power electronics and its applications.	conducting an industry expert session by S.D. Naik on 18th July 2020 at 11:00 AM on topic "Opportunities and careers in Power Electronics
69	OOP using JAVA laboratory SEM III	Need more practice session to clear the concept of string,array in programming	Included 1 hour lecture per week in Time table of 2020 -21 ODD Sem to clear the concept of programming
70	Embedded system Sem VII	Need more practice sessions to clear the concept of Embedded system.	PCE organized a two day training/workshop on Embedded System Design and Internet of Things at L & T Corporate Technology and Engineering Academy, Madh Campus on 6 th and 7th February 2020 for Electronics & Telecommunication Engineering students.

  
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