

Department of Mechatronics Engineering, Kongu Engineering College.

S.No.	Academic year of feedback	Stakeholder	Name Designation & Affiliation	Points discussed	Action taken	Year of implementation
Syllabi						
1	2017 - 2018	Alumni	Mr.K.S. Sre Nandha Guhan Senior Engineer, Delphi-TVS Ltd., Chennai. guhansadhasivam@gmail.com, 7601882249	MEMS can be made as elective paper & Automotive and Auto Electronics to be made as compulsory course	Considered for BOS meeting	2018
2	2017 - 2018	Alumni	Mr.S. Bharaniram, Senior Engineer, Research and Development, TVS Motor Company, Hosur. sbharaniram@gmail.com, 99948 07093	Head lights – LED, projector light can be added in the Automotive Electronics	Considered for BOS meeting	2018
3	2017 - 2018	Alumni	Mr.S. Bharaniram, Senior Engineer, Research and Development, TVS Motor Company, Hosur. sbharaniram@gmail.com, 99948 07093	Instead of Euro Norms, BS Norms can be included in the Automotive Electronics	Considered for BOS meeting	2018
4	2017 - 2018	Alumni	Mr.N. Sugundhan Architect and Director at Adwik Intellimech, BASE Automation Technologies Pvt. Ltd, Chennai. sugundhan@live.com, 9840993072	Strength of materials or material science to be included in Mathematical Applications	Considered for BOS meeting	2018
5	2017 - 2018	Alumni	M.Saravana Kumar Project Engineer, Soliton Technologies Pvt. Ltd., Coimbatore. msaravanakumar@gmail.com, 8012935646	*Remove mechanical part since it will be read in deep in forth coming subjects. *Add material and metallurgy topics.	Implemented in R2018	2018
6	2017 - 2018	Alumni	Mr.R.V.Karthikeyan, Assistant Manager, Faiveley Transport Rail Technologies India Ltd., Hosur. keyan.rv@gmail.com, 9629654670	Part of maintenance can be added and separate maintenance paper can be removed	Considered for BOS meeting	2018

ABF

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7	2017 - 2018	Alumni	Mr.S. Rajesh Scientist - D, National Institute of Ocean Technology, Chennai. srajesh@niot.res.in, 9962096363	Add dynamic equation in Kinematics of Machinery	Considered for BOS meeting	2018
8	2017 - 2018	Alumni	Mr.S. Rajesh Scientist - D, National Institute of Ocean Technology, Chennai. srajesh@niot.res.in, 9962096363	Add Materials for lean subject	Considered for BOS meeting	2018
9	2017 - 2018	Alumni	Mr.K.S. Sre Nandha Guhan Senior Engineer, Delphi-TVS Ltd., Chennai. guhansadhasivam@gmail.com, 7601882249	Variable and Attribute gauge GD&T to be added	OR + PE should be compulsory course in 7th sem under Industrial Engineering	2018
10	2017 - 2018	Alumni	Mr.K.S. Sre Nandha Guhan Senior Engineer, Delphi-TVS Ltd., Chennai. guhansadhasivam@gmail.com, 7601882249	Sensors and transducers to IV sem, Metrology to III sem	Considered for BOS meeting	2018
11	2017 - 2018	Alumni	Mr.B. Saravanan Deputy Engineer, Fanuc India Pvt. Ltd., Chennai. saravananbhaskar94@gmail.com, 7200024264	It should be in full step by step for product design and development	Considered for BOS meeting	2018
12	2017 - 2018	Alumni	Mr.V. Venkatesh Training Consultant – Diadactic, Festo India Pvt. Ltd., Chennai – 600 008. Venkatesh.vaddadi@festo.com 9841564316	Suggested to revise the Fluid power laboratory	Considered for BOS meeting	2018
13	2019 - 2020	Employers	J.E. Gopalan Manager - Mechatronics Division, Company Address: M/s. Ashok Leyand Pvt. Ltd., Ennore, Chennai – 600 057.	Recommended to include the contents of Lean and Six Sigma concepts	The course Lean Six Sigma is introduced in the one credit course under R2020.	2020
14	2019 - 2020	Employers	Mr. Anbuthambi. C Maintenance Engineer. Company Address: Lakshmi Machinery Works, Coimbatore.	Suggested to include the exercises on "CNC program generation using MASTER CAM"	The syllabus content MASTER CAM exercises are added in the course CNC and Metrology Laboratory under R2020.	2020

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15	2019 - 2020	Employers	Dr.B. Dhanasekar Technical Lead Company Address: General Motors CAE Methods, TCS, International Tech Park, Bengaluru 560066	Suggested to include the paper preparation process, Engineering tools on Research course.	The syllabus content paper preparation process, Engineering tools in the course Fundamentals of Research under R2020.	2020
16	2019 - 2020	Alumni	N. Manoj Prabhakaran Year of Passing: 2016	Suggested to include the content on SPC (Statistical Process Control) –Quality Measurement and Control Tool	The specified content is added in the course Computer Integrated Manufacturing under R2020.	2020
17	2019 - 2020	Alumni	Jahir Hussain. H Year of Passing: 2016	Suggested to include the content of FMEA : DFMEA & PFMEA	The syllabus content FMEA is included in the course Maintenance Engineering under R2020.	2020
18	2019 - 2020	Alumni	Pradeep Krishna R Year of Passing: 2019	Suggested to Introduce Value Engineering and Quality Perspective concepts	The specified courses are introduced in the course Universal Human Values under R2020.	2020
19	2019 - 2020	Alumni	Sre Nandha Guhan Year of Passing: 2015	Recommended to include the content INTRANET concepts	The specified content is added in the course Industrial Automation Protocol under R2020.	2020
20	2019 - 2020	Alumni	Mr.Sivapathasekaran Year of Passing: 2017	Suggested to include the content on Euro Norms; Modern ignition systems and Electronic clutch	The specified contents are added in the course Automotive Electronics under R2020.	2020
21	2019 - 2020	Teachers	Dr.P. Jeyaraj Designation: Associate Professor Institution Address: NITK Surathkal, Mangalore, Karnataka – 575 025.	Suggested to include the content on Scientific advancement, societal and environmental importance implications on selected research problems. Suggested to include the topic on data interpretation and its representation.	The syllabus content problem formation based on social importance and data interpretation methodologies are included in the course Fundamentals of Research under R2020.	2020

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22	2019 - 2020	Teachers	Dr.T.Mohanraj Designation: Assistant Professor (SRG) Institution Address: Department of Mechanical Engineering, Amrita School of Engineering, Coimbatore, Amrita Vishwa Vidyapeetham, India	Suggested to include the content on Materials, AM software (Magics, Mimics, 3Matic, Rhino), Slicing Algorithms, Tool path generation, EBM, Biomaterials.	The specified contents Materials, AM software (Magics, Mimics, 3Matic, Rhino), Slicing Algorithms, Tool path generation, EBM, and Biomaterials are included on the course Additive manufacturing under R2020.	2020
23	2019 - 2020	Teachers	Dr.K.P.DEVAKARAN Designation: Assistant Professor (SRG) Institution Address: Department of Automobile Engineering, PSG College of Technology, Coimbatore.	Suggested to include the conte	The specified contents limitation and advantages of Hydraulic and pneumatic are included on the course Fluid Power System under R2020.	2020
24	2019 - 2020	Employers	Arun Kumar B Designation: Executive Manager Company Address: Precise 3D, 11/545, 2nd Floor, Rajas Tower, Medavakkam Main Road, Kovilambakkam, Chennai – 600129.	Suggested to introduce the content 3D printing and reverse engineering concepts.	The course 3D printing and Design is introduced under R2020.	2020
25	2019 - 2020	Parents	Antony J Ward's Name: Alwin J Antony RollNo.: 17MTR003	Suggested to include autonomous system topics.	The course ROS based Autonomous System is introduced as one credit course under R2020.	2020
26	2019 - 2020	Parents	Kalaiselvi K S Ward's Name: Dharshan S RollNo.: 17MTR021	Suggested to include vehicle fabrication contents.	The course Vehicle Data Acquisition Systems is introduced as one credit course under R2020.	2020
27	2019 - 2020	Student	HARIHARAN S RollNo.: 17MTR036	Suggested to include Product design and fabrication contents.	The course Product Design and Development is introduced under R2020.	2020
28	2019 - 2020	Student	HEENALISHA K RollNo.: 17MTR038	Suggested to include Cyber Physical Systems contents.	The course Cyber Physical Systems is introduced under R2020.	2020

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29	2019 - 2020	Student	Nithya V RollNo.: 17MTR077	Suggested to include Machine Learning contents.	The course Machine Learning is introduced under R2020.	2020
30	2019 - 2020	Student	Rithic Sai R RollNo.: 17MTR091	Suggested to include IOT.	The course Industrial IOT is introduced under R2020.	2020
31	2019 - 2020	Student	Ravisankar S RollNo.: 17MTR089	Suggested to include Drone System contents.	The course Drone System Technology is introduced under R2020.	2020
32	2019 - 2020	Student	Shanthini E R RollNo.: 17MTR101	Suggested to include Nanotechnology contents.	The course Nanoscience and Technology is introduced under R2020.	2020

Curriculum

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1	2016 - 2017	Employer	M/s. Soft Square, Chennai.	Improve Programming Skills & Knowledge	Suggestions Implemented in 2018 R	2018
2	2016 - 2017	Employer	M/s. Renault Nissan, Chennai.	Automobile Knowledge can be exposed much more	Suggestions Implemented in 2018 R	2018
3	2017 - 2018	Alumni	Kuppuraj K Doctrol fellow IISC, Bangalore-12	If Possible include process control/Industrial Automation as core subject	Both the courses were introduced as professional electives in VI semester in 2018 R	2018
4	2017 - 2018	Alumni	M.Saravana Kumar Project Engineer, Soliton Technologies Pvt. Ltd., Coimbatore. msaravanakumar@gmail.com, 8012935646	Project Management or Industrial Management/Communication protocols can be included	Suggestions -Implemented in 2018 R	2018
5	2017 - 2018	Alumni	Mr.S. Bharaniram, Senior Engineer, Research and Development, TVS Motor Company, Hosur. sbharaniram@gmail.com, 99948 07093	No Practical coverage, need to be improved (more IV)	Individual course field visits are practiced accordingly	2018
6	2017 - 2018	Alumni	Mr.C.T. Sivasanthosh Director, Business Development, AKC Plastrusion Company, Uthukuli, Tirupur.	Subjects on policies on central state government relating to Engineering Industries, Engineers	Industrial Safety Engineering was introduced as open elective in 2018 R	2018

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7	2017 - 2018	Alumni	Mr.S. Anto Jauspher Manager - Technical Sales and Application Engineering of Automotive Segment, TITAN Company Ltd., Bangalore. Jauspher.anto@gmail.com, 98422 87294	Industry 4.0, Cloud computing, IOT, wireless technology can be included	By open electives, students can learn advanced multidisciplinary courses.	2018
8	2017 - 2018	Alumni	Mr.R.V.Karthikeyan, Assistant Manager, Faiveley Transport Rail Technologies India Ltd., Hosur. keyan.rv@gmail.com, 9629654670	Modeling and simulation.	Introduced in Design of Mechatronics System Course	2018
9	2017 - 2018	Alumni	Mr. S. Rajesh Scientist - D, National Institute of Ocean Technology, Chennai. srajesh@niot.res.in, 9962096363	Solid mechanics lab can be included	Considered the suggestions for BOS meeting	Nil
10	2017 - 2018	Alumni	Mr.M. Puviarasan Managing Director, Dynatral Tech Pvt. Ltd., Kancheepuram. puviarasan@dynatral.in, 8444858444	Modeling and simulation, Revised design of Mechatronics system.	Suggestions -Implemented in Design of Mechatronics system course	2018
11	2017 - 2018	Alumni	Mr.N. Sugundhan Architect and Director at Adwik Intellimech, BASE Automation Technologies Pvt. Ltd, Chennai. sugundhan@live.com, 9840993072	Industrial safety, communications protocols can be included	Will be discussed in BOS Meeting for considerations	2018
12	2017 - 2018	Alumni	Mr.B. Saravanan Deputy Engineer, Fanuc India Pvt. Ltd., Chennai. saravananbhaskar94@gmail.com, 7200024264.	Add modifier in PLC for communication	Suggestions Implemented in 2018 R	2018
13	2017 - 2018	Employers	Mr.V.Venketesh Training Consultant, Festo India Pvt. Ltd, Chennai-600008. 9841564316.	Laboratory content can be more strengthen with theory	Suggestions Implemented in 2018 R	2018

P. B. P.

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Sheela

14	2017 - 2018	Alumni	Mr.S. Rajesh Scientist - D, National Institute of Ocean Technology, Chennai. srajesh@niot.res.in, 9962096363	More practical Experience may be included	Suggestions Implemented in 2018 R	2018
15	2017 - 2018	Employers	Mr.N. Sugundhan Architect and Director at Adwik Intellimech, BASE Automation Technologies Pvt. Ltd, Chennai. sugundhan@live.com, 9840993072	Hand on experiences on Products like Simons, Field Devices	Will be discussed in BOS Meeting for considerations	Nil
16	2017 - 2018	Alumni	Mr.R. Kuppuraj Doctoral Fellow, Indian Institute of Science, Bangalore. thermalr@gmail.com, 9003607904 / 8105186581	Topics like Explanation on How system dynamics and control systems can be correlated may be included in control systems Basic knowledge can be provided in MATLAB or OM data analysis tools	Suggestions Implemented in 2018 R	2018
17	2017 - 2018	Alumni	Mr.S. Bharaniram, Senior Engineer, Research and Development, TVS Motor Company, Hosur. sbharaniram@gmail.com, 99948 07093	Topics like Industry 4.0 and Battery management system may be included in Manufacturing process and control systems respectively, Experiments like Internet of Things may be included & Corporate Etiquette Workshop can be provided	More theory cum practical courses was introduced. Considered for Implementation	2018

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18	2017 - 2018	Alumni	Mr.K.S. Sre Nandha Guhan Senior Engineer, Delphi-TVS Ltd., Chennai. guhansadhasivam@gmail.com, 7601882249	Topics like Selection of Electrical and Mechanical materials and Selection of screw, joints may be included in Material Science and Design of Machine Elements respectively & Participation in various competitions like Robowar, RC Race and Baja	Suggestions Implemented in 2018 R	2018
19	2017 - 2018	Alumni	Mr.B. Saravanan Deputy Engineer, Fanuc India Pvt. Ltd., Chennai. saravananbhaskar94@gmail.com, 7200024264	Topics like System Design may be included in Design of Machine System, Experiments like Data Acquisition and Communication to devices may be included in PLC & Study materials towards individuality	Suggestions Implemented in 2018 R	2018

R B P

Shree

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20	2017 - 2018	Alumni	M.Saravana Kumar Project Engineer, Soliton Technologies Pvt. Ltd., Coimbatore. msaravanakumaar@gmail.com, 8012935646	Topics like Signal Processing, Coherent Conditions and Synchronization, Event Structure, LabVIEW may be included in Sensors & Transducers and Virtual Instrumentation respectively	Suggestions Implemented in 2018 R	2018
21	2017 - 2018	Alumni	P.Sivapathasekaran Service Engineer, Musashi Auto Parts India Pvt. Ltd Siva-genifa@yahoo.co.in, 8861102835	Topics like HMI, PLC, Relay logic may be included in PLC Automation	Suggestions Implemented in 2018 R	2018
22	2017 - 2018	Alumni	Sankaranarayanan manickam GET @ Wabco India Pvt. Ltd. msankaranarayanan@gmail.com 8508682985	More practical courses may be included and Vibration Analysis need to be improved	Suggestions Implemented in 2018 R	2018
23	2017 - 2018	Alumni	Alex Paulraj M Programmer Analyst , Cognizant Technology Services, Coimbatore. Alexpaulraj25@gmail.com 8144355383	May provide programming language like JAVA and .Net.	Suggestions Implemented in 2018 R	2018
24	2017 - 2018	Alumni	Pranav (15MTR074, pranav.shakthivel@gmail.com)	IOT course can be included in the Course	Suggestions Implemented in 2018 R	2018
25	2017 - 2018	Alumni	Prasanth P, Project Engineer, Project Design and Execution, Base Automation Technologies Pvt. LTD, NO276, Main Road, Nehru Nagar, Kottivakkam, Chennai - 096. sprmprasanth@gmail.com 9698838398	2nd Geometrical Dimensioning, Material Selection, 3D modelling, Advanced PLCs can be included in the curriculum	Suggestions Implemented in 2018 R	2018
26	2017 - 2018	Alumni	Yuvraj, Entrepreneur, Borewell Management, Balaji Drillers, Trichengode, yuvachinnu1993@gmail.com, 8883304078	Management courses can be reduced	Suggestions Implemented in 2018 R	2018
27	2017 - 2018	Alumni	Vignesh M, Rane NSK Steering Systems Pvt. Ltd., Guduvanchery, Chennai, vignesh-m@nsk.com, 9629048955	Experiments on Servo & Stepper motor interface using PLC or Microcontroller can be introduced.	Suggestions Implemented in 2018 R	2018

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