SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
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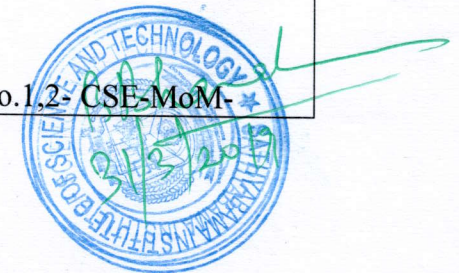
ACTION TAKEN REPORT
STAKEHOLDER FEEDBACK

2018-2019

INTERNAL QUALITY ASSURANCE CELL

Action Taken / Curriculum updates based on the Stakeholder Feedback
Academic Year 2018-2019

Stakeholder	Feedback	Name of the School/ Department	Action Taken/Updates	Proof of Record
Alumni, Employers	Courses on Mobile applications, Big Data are necessary for placements and research	School of Computing	**New Courses Introduced** 1. Advanced Optimization Techniques – M.E. Computer Science and Engineering 2. SCS4305 Python Programming with Machine Learning Lab - B.E. Computer Science and Engineering 3. SCS1608 Software Quality Assurance and Testing - B.E. Computer Science and Engineering 4. SIT1606 Big data, SIT1608 Green Computing – B.Tech Information Technology 5. SIT1401 Human Computer Interaction, SIT1402 Mobile Application Development, SIT4401 Human Computer Interaction Lab, SIT4402 Mobile Application Development Lab - B.Tech Infornation Technology	Item no.3- CSE-MoM-BOS-Dated 30/03/2019 Item no.1- CSE-MoM-BOS-Dated 17/12/2018 Item no.1- CSE-MoM-BOS-Dated 21/05/2018 Item no.1,2- IT-MoM-BOS-Dated 12/12/2018 Item no.1,2- IT-MoM-BOS-Dated 24/05/2018
Faculty	Hands on programming skills can be given more emphasis in		**Revision of courses** 1. Microprocessor and Microcontroller,	Item no.1,2- CSE-MoM-

			Programming Language with C and C++, coding and Debugging I, Software Engineering – B.E. Computer Science and Engineering	BOS-Dated 30/03/2019
				Item no.2- CSE-MoM-BOS-Dated 17/12/2018
			2. Programming in Java - – B.E. Computer Science and Engineering	
Students, Faculty	Courses on building realtime circuitry is necessary	School of Electrical and Electronics	**Revision of Courses** 1. Embedded systems and IoT, Power Electronics and Drives – B.E. Electrical and Electronics Engineering	Item no.1- EEE-MoM-BOS-Dated 19/01/2019
			2. Machine Learning Techniques – B.E. Electrical and Electronics Engineering	Item no.1- ECE-MoM-BOS-Dated 30/03/2019
			3. Soft Computing Techniques- B.E. Electronics and Instrumentation Engineering	Item no.4- EE-MoM-BOS-Dated 30/03/2019
			New Courses Introduced 1. Industry 4.0, Gateway Design for IoT devices - Electrical and Electronics Engineering	Item no.4- ECE-MoM-BOS-Dated 30/03/2019
Students, Faculty	Mechatronics is an advanced domain with more career prospects	School of Mechanical Engineering	**New Courses introduced** 1. Digital Electronics – B.E Mechatronics Engineering	Item no.1- MECHATRONICS-MoM-BOS-Dated 15/12/2018
			2. All courses of Mechatronics Engineering program were introduced.	Item no.1- MECHATRONICS-MoM-BOS-Dated 04/06/2018
			3. SME1611 Design of Machine Tool Structure, SME1612 Waste Heat Utilization and Management – B.E. Mechanical Engineering	Item no.1- MECH-MoM-BOS-Dated 24/10/2018
			4. Product Design- B.E. Mechanical Engineering	Item no.1- MECH-MoM-BOS-Dated 03/03/2018

Alumni	Design courses will increase the prospects of entrepreneurship and leadership		5. SAE4051 Aircraft Production Technology Lab, S26PT2 Professional Training II, SAE1308 Aircraft Design, SBA1101 Principles of Management and Professional Ethics – B.E. Aeronautical Engineering	Item no.1-3- AERO-MoM-BOS-Dated 15/12/2018
			6. SAE1601 Civil Aircraft Rules and Regulations, SME1206 Dynamics of Machinery, SAE1604 Airline Operations and Management, SAE1202 Aircraft Electrical and Electronics systems - B.E. Aeronautical Engineering	Item no.1- AERO-MoM-BOS-Dated 17/06/2018
			Revision of Courses	
			1. Design of Transmission Systems-– B.E. Mechanical Engineering	Item no.2- MECH-MoM-BOS-Dated 24/10/2018
			2. SAE1306 Heat Transfer Techniques for Aerospace Applications, SAE1307 Aerospace Propulsion- B.E. Aeronautical Engineering	Item no.2- AERO-MoM-BOS-Dated 15/12/2018
			3. SAE1308 Aircraft Design, SAE4057 Propulsion Lab - B.E. Aeronautical Engineering	Item no.1- AERO-MoM-BOS-Dated 17/06/2018
Employers, Alumni		School of Bio and Chemical Engineering	**Revision of Courses** 1.SBIA2102 Biological Databases Lab, SBIA1201 Sequence Analysis- B.Tech Biomedical Engineering	Item no.1- BIOMED-MoM-BOS-Dated 03/04/2019
			2.SBMX1024 Forensic Science- B.Tech Biomedical Engineering 3.Rehablitation Engineering, Pharmacology	Item no.4,5- BIOMED-MoM-BOS-Dated 02/11/2018

			and Toxicology, Neuroscience - - B.Tech Biomedical Engineering	
			Introduction of New Courses 1. SBM1609 Medical Optics, SMB1610 Drug Delivery Systems- B.Tech Biomedical Engineering	Item no.4,5- BIOMED-MoM-BOS-Dated 02/07/2018
Alumni, Faculty	Knowledge on basic computer science and design would increase the career prospects of students	School of Building and Environment	New Courses Introduced 1. SCI1615 Computer Applications in Civil Engineering – B.E. Civil Engineering	Item no.1- CIVIL-MoM-BOS-Dated 06/06/2018
Employers, Alumni	As an institution it is important to include multidisciplinary education	School of Science and Humanities	**New Courses Introduced** 1.All courses were introduced for the program B.Sc.Psychology	Item no.1- PSYCH-MoM-BOS-Dated 21/07/2018