



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

ACTION TAKEN REPORT STAKEHOLDER FEEDBACK

2019-2020

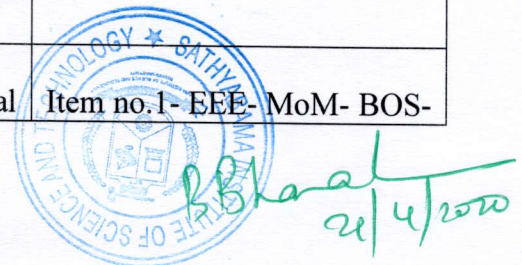


INTERNAL QUALITY ASSURANCE CELL

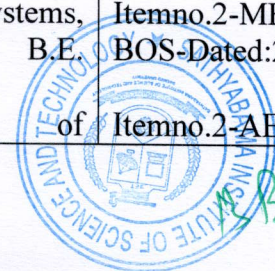
**Action Taken / Curriculum updates based on the Stakeholder Feedback
Academic Year 2019-2020**

Stakeholder	Feedback	Name of the School/ Department	Action Taken/Updates	Proof of Record
Students, Alumni	Courses on Datascience, AI, AR and VR would be future of the industry	School of Computing	<p>New Courses Introduced</p> <ol style="list-style-type: none"> 1. All courses for the programs in B.E. Computer Science and Engineering with specialization in Artificial Intelligence, Data Science and Internet of things 2. Cyber Physical System – B.E. Computer Science and Engineering 3. SCOSA3019 Augmented and Virtual Reality, SITA3011 Block Chain Technologies, SCOSA1706 Cyber Digital Twin - B.Tech Information Technology 4. All courses of B.Sc. AI were introduced 	<p>Item no.1- CSE- MoM- BOS- Dated 29/06/2020</p> <p>Item no.5- CSE- MoM- BOS- Dated 29/06/2020</p> <p>Item no.2- IT- MoM- BOS- Dated 14/12/2020</p> <p>Item no.1- CSE- MoM- BOS- Dated 11/11/2019</p> <p>Item no.1- CSE- MoM- BOS- Dated 11/11/2019</p>
Faculty	Python Programming is the necessary knowledge for AI, ML, Robotics and Datascience.		<p>Revision of courses</p> <ol style="list-style-type: none"> 1. Society 5.0 – B.E. Computer Science and Engineering 2. Data structures and Data Structures Lab - B.Tech Information Technology 3. Python and Problem solving Techniques Lab, Python Programming – B.E. Computer Science and Engineering 	<p>Item no.3- CSE- MoM- BOS- Dated 29/06/2020</p> <p>Item no.2- IT- MoM- BOS- Dated 14/12/2020</p> <p>Item no.1- CSE- MoM- BOS- Dated 11/11/2019</p>
Faculty, Students	Extensive exposure to programming and Soft	School of Electrical	<p>New Courses Introduced</p> <ol style="list-style-type: none"> 1. SEE1617 Computer Aided Electrical 	<p>Item no.1- EEE- MoM- BOS-</p>

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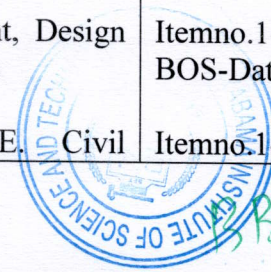
	computing courses will expand the prospects of placement	and Electronics	<p>Drawing – B.E. Electrical and Electronics Engineering</p> <p>2. Cryptography and Network Security, Soft Computing Techniques, Artificial Intelligence- B.E Electronics and Communication Engineering</p> <p>Revision of Courses</p> <p>1. SEEA1202 DC Machines and Transformer – B.E. Electrical and Electronics Engineering</p> <p>2. Signals and Systems, SCADA System Application, Digital Signal Processing, Programming in HDL, Microprocessor and Microcontroller – B.E, M.E Electronics and Communication Engineering</p>	<p>Dated 23/11/2019</p> <p>Item no.1-4- ECE- MoM-BOS-Dated 30/11/2019</p> <p>Item no.3- EEE- MoM- BOS-Dated 23/11/2019</p> <p>Item no.1-4- ECE- MoM-BOS-Dated 30/11/2019</p>
Alumni, Faculty	Thorough Understanding of Industry 4.0 is the requirement of the industry.	School of Mechanical Engineering	<p>New Courses introduced</p> <p>1. Industry 4.0 – B.E. Mechatronics Engineering</p> <p>2. SMRA1201 Fundamentals of Automation and Control – B.E. Mechatronics Engineering</p> <p>3. Mechanics of Fluids – B.E. Mechatronics Engineering</p> <p>4. Rapid Prototyping, Precision Engineering – B.E. Mechanical Engineering</p> <p>5. SMEX1022 Fluid Power Systems, Thermal Engineering – B.E. Mechanical Engineering</p> <p>6. SAEA1201 Fundamentals of</p>	<p>Itemno.1- MECHATRONICS-MoM-BOS-Dated:27/06/2020</p> <p>Itemno.1- MECHATRONICS-MoM-BOS-Dated:21/12/2019</p> <p>Itemno.1- MECHATRONICS-MoM-BOS-Dated:08/06/2019</p> <p>Itemno.1-MECH-MoM-BOS-Dated:30/11/2019</p> <p>Itemno.2-MECH-MoM-BOS-Dated:27/06/2020</p> <p>Itemno.2-AERO-MoM-BOS-</p>
Employers, Students	More emphasis on Prototyping and courses on mechanical fundamentals improve the employability of students			



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			<p>Aeronautical Engineering, SAEA1302 Aircraft Production Techniques – B.E Aeronautical Engineering</p> <p>7. SAEA1401 Aircraft Propulsion, SAEA1403 Low Speed Aerodynamics– B.E Aeronautical Engineering</p> <p>Revision of Courses</p> <p>1. Design Manufacture and Assembly, Industrial Safety Engineering – B.E. Mechanical Engineering</p>	<p>Dated:14/12/2019</p> <p>Itemno.1-AERO-MoM-BOS-Dated:15/06/2019</p> <p>Itemno.4-MECH-MoM-BOS-Dated:27/06/2020</p>
Employers, Alumni	Courses on pathology, Thermodynamics are the future for BioEngineering Programs	School of Bio and Chemical Engineering	<p>Revision of Courses</p> <p>1.SBIA1303 Proteomics, SBIA1401 Structural Biology – Bioinformatics</p> <p>2.Cell Biology and Genetics, Microbiology and Pathology – BioMedical</p> <p>3.SCHA1302- Chemical Engineering and Thermodynamics – B.Tech Chemical Engineering</p> <p>Introduction of New Courses</p> <p>1. Industry 4.0– BioMedical</p>	<p>Itemno.1-BIOINFO-MoM-BOS-Dated:14/06/2019</p> <p>Itemno.2-BIOMED-MoM-BOS-Dated:03/06/2019</p> <p>Itemno.1-CHEM-MoM-BOS-Dated:17/10/2019</p> <p>Itemno.3-BIOMED-MoM-BOS-Dated:03/06/2019</p>
Alumni, Faculty	Introduction of courses on Disaster management as per AICTE	School of Building and Environment	<p>Revision of Courses</p> <p>1.Surveying II, Remote Sensing and GIS- B.E. Civil Engineering</p> <p>2. Applied Mathematics, Society Culture and Environment, History of Architecture, Model making workshop, Design Communication – B.Arch</p> <p>3. Society Culture and Environment, Design Management and Interiors- B.DEs</p> <p>New Course Introduced</p> <p>1. Disaster Management - B.E. Civil</p>	<p>Itemno.1-CIVIL-MoM-BOS-Dated:03/04/2019</p> <p>Itemno.1-ARCH-MoM-BOS-Dated:30/06/2019</p> <p>Itemno.1-DESIGN-MoM-BOS-Dated:02/07/2019</p> <p>Itemno.1-CIVIL-MoM-BOS-</p>

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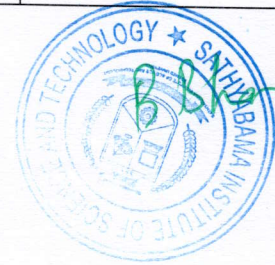
			Engineering	Dated:10/12/2019
Employers, Alumni	Courses on Film studies and Real-time design needs to be included	School of Science and Humanities	Revision of Courses <ol style="list-style-type: none"> 1. Fashion Illustration II, III, Desing Women's Wear, Men's Wear, Digital Presentation Techniques – B.Sc. Fashion Design 2. Traditional Indian Costumes, Pattern Making and Draping, Garment construction II – B.Sc. Fashion Design 3. Socio Psychology-Viscom 4. Mathematical Physics, Atomic Physics, Mathematical Physics Lab– B.Sc.Physics 5. Solid State Physics, Microprocessor, MicroController and Embedded Systems – MSc Physics New Courses Introduced <ol style="list-style-type: none"> 1.Digital Photography, Introduction to sound Design, Bridge Courses – Viscom 2.Introduction to Research Methodology, Energy Materials, Intellectual Property Law, Thin Film Technology, High Pressure Physics, General Physics Lab- M.Sc Physics 	Itemno.1-FASHION-MoM-BOS-Dated:03/04/2019 Itemno.1-FASHION-MoM-BOS-Dated:08/07/2019 Item no.1- VISCOM-MoM-BOS-Dated 22/04/2019 Item no.1,2- PHYSICS-MoM-BOS-Dated 15/04/2019 Item no.3- PHYSICS-MoM-BOS-Dated 15/04/2019 Item no.6,7- VISCOM-MoM-BOS-Dated 22/04/2019 Item no.4,5- PHYSICS-MoM-BOS-Dated 15/04/2019
Experts	Government funded certification courses can be conducted	Ocean Research	Skill Development in Fishery Food Products Technology	57 th BOM: 57.2
Alumni, Faculty Experts	Multidisciplinary programs to be introduced	School of Nursing	All courses were introduced in the program B.Sc. Nursing	57 th BOM

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B. Bhandari
21/4/2020

Faculty	There is a need of sustainability studies in the market	School of Management Studies	New courses Introduced Waste management and Social Entrepreneurship - MBA	Item no2- MBA-MoM-BOS- Dated 15/04/2019
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