



SATHYABAMA

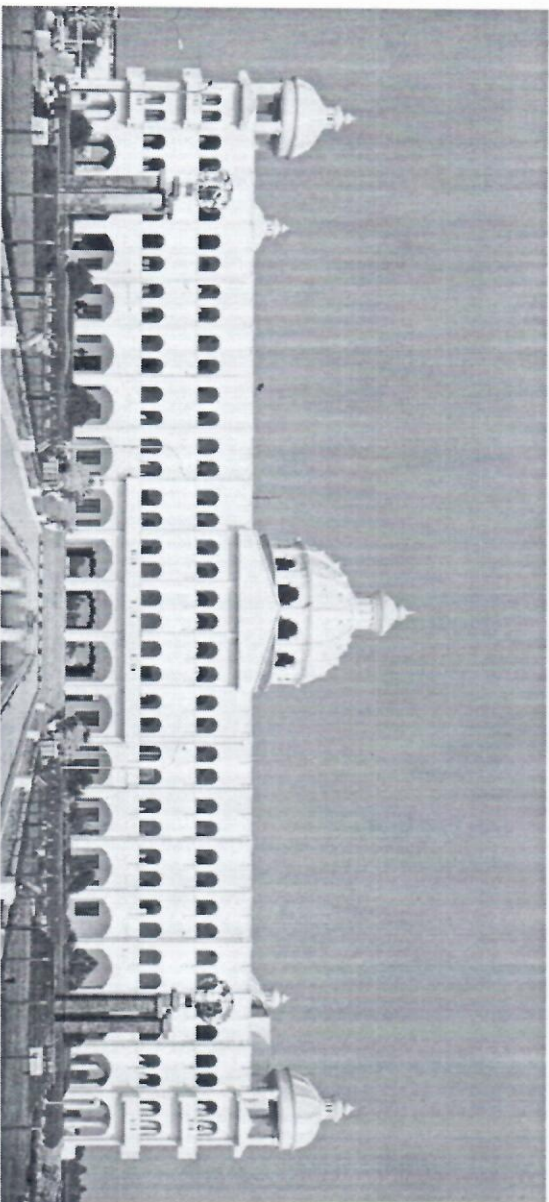
INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with Grade "A" by NAAC

ACTION TAKEN REPORT STAKEHOLDER FEEDBACK

2017-2018



INTERNAL QUALITY ASSURANCE CELL

Action Taken / Curriculum updates based on the Stakeholder Feedback
Academic Year 2017-2018

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 - SIT1619 Internet of Things, SCS1619 Python Programming, SCS1620 User Interface Technologies, SCS1621 R Programming – B.E. Computer Science and Engineering - All courses of B.Sc Computer Science Introduced - SIT1301 Data mining and Data Warehousing, SIT1303 Data Analytics, SIT1304 Cloud Computing, SIT1619 Internet of Things, SCS1619 R programming, SIT4302 Cloud Computing Lab – B.Tech Information Technology - SCS1301 Compiler Design, SCS1304 System Software – B.Tech Information Technology	Item no.1,2- CSE-MoM-BOS-Dated 23/05/2017 Item no.3- CSE-MoM-BOS-Dated 23/05/2017 Item no.1-3- CSE-MoM-BOS-Dated 23/05/2017 Item no.2-IT -MoM-BOS-Dated 23/05/2017
Faculty	Hands on programming skills can be given more emphasis in		Revision of Courses SCS1309 Network Security, SCS1303 Compiler Design– B.E. Computer Science and Engineering	Item no.3- CSE-MoM-BOS-Dated 23/05/2017



	the curriculum		- SCSX1026 Cryptography and Network Security, SIT1302 Internet Programming, SIT4301 Internet Programming Lab- B.Tech Information Technology - SCSX1301 Operating system, SCSX1023 Computer Graphics and Multimedia Systems. SCSX104 Software Engineering, SCSX1018 Database System, SCSX1017 Data Communication and Computer Networks – B.E. Computer Science and Engineering	Item no.1-IT -MoM-BOS- Dated 23/05/2017
Students, Faculty	Courses on building realtime circuitry is necessary	School of Electrical and Electronics	New Courses Introduced - SEEE3013 Energy Storage Systems – B.E Electrical and Electronics Engineering - SEEE1614 Industrial Instrumentation and Automation – B.E Electrical and Electronics Engineering - Testing and Commissioning of Electrical Equipment - - B.E Electrical and Electronics Engineering - RTOS Programming, Big Data Technologies, Cloud Computing, Advanced Digital Image Processing, RTOS programming Lab – ME Electronics - RF and Microwave Engineering, Data Communication and Network, Satellite Communication – B.E. Electronics and Communication	Item no.1 - EEE-MoM-BOS- Dated 21/05/2018 Item no.1 - EEE-MoM-BOS- Dated 04/05/2018 Item no.1 - EEE-MoM-BOS- Dated 16/11/2018 Item no.1 - ECE-MoM-BOS- Dated 21/05/2018 Item no.3 - ECE-MoM-BOS- Dated 21/05/2018



Prasad

			Engineering 6. Embedded OS, Modeling for Embedded Systems, Wireless Sensor Networks for IoT, Robotics and Computer Vision – M.E. Electronics Revision of Courses 1. Optical Communication – B.E. Electronics and Communication Engineering 2. MEMS and its Applications, Analog Integrated circuit – B.E. Electronics and Communication Engineering 3. Embedded OS, Modeling for Embedded Systems, Wireless Sensor Networks for IoT, Robotics and Computer Vision – M.E. Electronics	Item no.3,4- ECE-MoM-BOS-Dated 05/04/2017 Item no.2 - ECE-MoM-BOS-Dated 21/05/2018 Item no.3,4- ECE-MoM-BOS-Dated 03/10/2017 Item no.3,4- ECE-MoM-BOS-Dated 03/10/2017
Alumni	Knowledge on various types of engineering should be included to understand the core of Engineering	School of Mechanical Engineering	New Courses Introduced 1. Automotive Petrol Engines, Automotive Diesel Engines – B.E. Automobile Engineering 2. SME1617 Non-Conventional Energy Systems, SME1620 Theory of Elasticity – B.E. Mechanical Engineering 3. SAEX1037 Aircraft Navigation Guidance and Control, SAEX1021 Rockets and Missiles – B.E. Aeronautical Engineering 4. SAEX4001 Aero CAD lab 1, SAEX4004 Aero Modeling Lab, SAE1301 Aerodynamics II – B.E. Aeronautical Engineering	Item no.1-AUTO-MoM-BOS-Dated 29/10/2018 Item no.1-MECH-MoM-BOS-Dated 10/11/2017 Item no.1-AERO-MoM-BOS-Dated 10/11/2017 Item no.1-AERO-MoM-BOS-Dated 22/06/2017

P Bhargava

			Revision of Courses 1. Fuels and Lubricants, Vehicle Dynamics, Heat and Mass Transfer - B.E. Automobile Engineering 2. SME1304 Power Plant Engineering- B.E. Mechanical Engineering	Item no.2-AUTO-MoM-BOS-Dated 29/10/2018 Item no.1-MECH-MoM-BOS-Dated 10/11/2017
Employers, Alumni	Knowledge on chemical processes and Environmental impacts are needed	School of Bio and Chemical Engineering	Revision of Courses 1. Introduction to Quantum Chemistry, Biomolecular Interaction, Biological Sequence Analysis - B.Tech Bioinformatics 2. Molecular Immunology and Immunoinformatics, Phylogenetic Analysis- B.Tech Bioinformatics 3. SCH1402 Optimisation of Chemical Process - B.E.Chemical Engineering 1. SCH1304 Chemical Process Technology, Mass Transfer II - B.E.Chemical Engineering New Courses Introduced 2. SCH1616 Environmental Impact Assessment, SCH4059 MATLAB-B.E.Chemical Engineering 3. Professional Training - II - B.E.Chemical Engineering 4. SCH1301 Computational Methods in Chemical Engineering, SCH1306 Process Engineering - B.E.Chemical Engineering	Item no.1,2-BIOINFO-MoM-BOS-Dated 26/04/2017 Item no.1-BIOINFO-MoM-BOS-Dated 20/11/2017 Item no.1-CHEM-MoM-BOS-Dated 21/05/2018 Item no.1-CHEM-MoM-BOS-Dated 23/06/2017 Item no.2,3-CHEM-MoM-BOS-Dated 21/05/2018 Item no.1-CHEM-MoM-BOS-Dated 07/02/2018 Item no.1-CHEM-MoM-BOS-Dated 23/06/2017



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Alumni, Faculty	Hands on Experience will inculcate confidence and provoke entrepreneurship skills	School of Building and Environment	New Courses Introduced 1. Structural Optimisation – B.E. Civil Engineering 2. Professional Training II – B.E. Civil Engineering	Item no.1-CIVIL-MoM-BOS-Dated 22/11/2017 Item no.1-CIVIL-MoM-BOS-Dated 17/04/2017
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 2. All Courses of M.Sc Viscom program is introduced 3. All Courses of B.Sc. Physics program is introduced Revision of Courses 1. Engineering Mathematics I, Engineering Mathematics II, Discrete Mathematics and Numerical Methods, Engineering Mathematics IV, Probability and Statistics – Maths 2. MA English and BA English Literature courses 3. SPH5203 Spectroscopy, SPH5204 Communication Electronics – M.Sc Physics	52 nd BOM Item no.1-VISCOM-MoM-BOS-Dated 18/04/2017 Item no.1-PHYSICS-MoM-BOS-Dated 05/04/2017 Item no.1-MATHS-MoM-BOS-Dated 21/05/2018 Item no.1-English-MoM-BOS-Dated 21/06/2017, 07/04/2017 Item no.1-PHYSICS-MoM-BOS-Dated 05/04/2017



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