

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

ACTION TAKEN REPORT

STAKEHOLDER FEEDBACK

2023-2024



INTERNAL QUALITY ASSURANCE CELL

**Action Taken / Curriculum updates based on the Stakeholder Feedback
Academic Year 2023-2024**

Stakeholder	Feedback	Name of the School/ Department	Action Taken/Updates	Proof of Record
Alumni, Employers, Faculty, Students	The syllabus update can be on par with the industry requirements	School of Computing	All course syllabus for B.E. Computer Science and Engineering and Specializations were revised by team of experts from the industry	Item no.3, AC MoM dated 9/9/2023
Experts, Alumni	Industry led courses would add value to the learning of students		MATLAB practice was included as part of the curriculum for courses like Machine learning, Natural Language Processing	Item no 4, AC MoM dated 06/01/2024
	Suggested the inclusion of subjects with hands on lab experiences		Courses on image processing, machine learning and deep learning were handled by experts from industries	
	Suggested inclusion of Topics on core courses		Future skills prime certification are included as part of the certification process	
Employers, Faculty, Students	Introduction of Drone technologies and AI technologies will increase employability	School of Electrical and Electronics	Courses like AI, Deep learning, Advanced optimization techniques, embedded systems design are introduced to students	Item no.3, AC MoM dated 06/05/2024
	Industry relevant problem statements can be used for capstone projects		All students are encouraged to select problem statements from MATLAB repository	Item no 4, AC MoM dated 09/09.2023
			Industry relevant courses are handled by experts through HCL CoE	
Faculty, Employers	Courses on aero specific domains should given more weightage in the curriculum	School of Mechanical Engineering	Revision of Course content on aerodynamics, theory of elasticity, airframe maintenance, aircraft structures	Item no.6, AC MoM dated 06/05/2024
Experts, Alumni				Item no 5, AC

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	More practical oriented courses can be added		Lab heavy courses were introduced thermodynamics and drone structures	MoM dated 06/01/2024
Employers, Alumni	<p>Courses on sustainability and genetics can add valued to fields of study in biomedical and biotechnology</p> <p>There is more scope of product development in healthcare and students can be encouraged on the same</p>	School of Bio and Chemical Engineering	<p>Students' Products to help identify pain in patients, assistive device for autism were encouraged to be technology transferred. Both financial and technology support for such projects were given.</p> <p>Courses on medical waste management, genetic engineering, synthesis of nano materials were introduced</p>	<p>Item no.7, AC MoM dated 09/09.2023</p> <p>Item no 7, AC MoM dated 06/05/2024</p>
Alumni, Faculty	<p>More design oriented courses, courses that stress on sustainability can be introduced</p> <p>Concepts of environmental studies and seismic design can be added</p>	School of Building and Environment	<p>Students are encouraged to attend more number of buildathons.</p> <p>Courses on Seismic Design of Structures, Automation Systems, Advanced reinforced concrete structures, waste water treatment, Hydrology were introduced</p>	<p>Item no.8, AC MoM dated 09/09.2023</p> <p>Item no 9, AC MoM dated 06/01/2024</p>
Employers, Alumni Faculty Alumni, Students	<p>More concentration towards communication technologies and languages would improve employability</p> <p>Programs on applications can be introduced</p>	School of Science and Humanities	<p>Oxford certification courses on English language is introduced</p> <p>Course like BAEnglish is included as part of Online Degree program</p> <p>Courses on Differential equations would be handled using MATLAB</p> <p>New programs like MCA, BCA were introduced</p> <p>MSc integrated programs are introduced in Mathematics, Physics, Chemistry and Computer Science</p> <p>Courses on experimental psychology, life span</p>	<p>Item no.10, AC MoM dated 06/01/2024</p> <p>Item no.10,11, AC MoM dated 09/09.2023</p> <p>Item no 12, AC MoM dated 06/05/2024</p>

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			development and more psychometric tools were introduced	
Alumni, Experts	Online degree courses can help learners to upskill	School of Management Studies	All courses for MBA, BBA, BCOM for Distance learning Degree Programmes were introduced MCOM program is introduced as a regular 2 years degree program	Item no.13, AC MoM dated 09/09/2023
Employers, Faculty	Multidisciplinary programs to reach to larger learners in the society	School of Law School of Pharmacy	PG programs in LAW like LLM in constitutional Law, IPR and Criminal Law are introduced Syllabus for Pharm D is approved	Item no.13, AC MoM dated 09/06/2023
Faculty	More of Preclinical practice courses to be revised	School of Physiotherapy School of Allied Health Sciences	Online patient review forum is introduced to give students more hands on experience Courses on Nutritional biology, genetic engineering were revised	Item no 09, AC MoM dated 06/01/2024
Alumni, Faculty and Experts	Experts suggested that the institution to transit towards usage of renewable energy sources to become more energy sustainable. Experts suggested the inclusion of Mandatory Audit Courses as per AICTE requirements.	Others	Courses on Green Technology, Smart materials for Industries are introduced. Course contents on Medical Robotics and wearable systems for healthcare were modified Online Degree programs were started B.Com., B.Sc., M.B.A., M.A. English, M.Sc. Mathematics Courses on Indian constitution, Yoga, Basic health and hygiene were introduced.	Item no.13, AC MoM dated 09/01/2023 Item no 12, AC MoM dated 06/01/2024 Item no 15, AC MoM dated 06/01/2024

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