



ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous) - Affiliated to Osmania University

Re-accredited by NAAC (3rd Cycle)

Basheerbagh, King Koti Road, Hyderabad – 29

DEPARTMENT OF PHYSICS AND ELECTRONICS FEEDBACK REPORT-23-24

ACTION TAKEN REPORT

S.No	Stakeholder	Organized Feedback	Action taken
1.	Students	<p>1.Create an online feedback forms to Collect feedbacks Regularly</p> <p>2.Enquire students about the more detailed analysis on syllabus and expectations of any practical concepts</p> <p>3.Regular feedback on the teaching methods,textbooks and any other required content.</p>	<p>1.Two years ago, online feedback forms were implemented and have been administered once per semester for each course.</p> <p>2. Questions about the curriculum have been included in course evaluations to gather detailed feedback and Surveys were conducted to assess students' perceptions of the practical applicability of their learning in Physics and Electronics.</p> <p>4. Students' feedback on textbooks, online resources, and materials used in the curriculum was actively sought and Considered.</p> <p>5.Approve the new syllabus for the batch 2022-2025 w.e.f 2023-24.DSC-Physics Paper-3(Electromagnetic Theory) of Semester –III DSC- Physics Paper-4(Waves and optics) of Semester – IV</p> <p>Additional steps taken:</p> <p>1.Peer-Peer learning methods ,activity based learning like using Multisim software for Electronics and Virtual lab for physics are incorporated for better practical learning experience.</p> <p>2.E-Content,other web resources fromNPTEL is provided.</p>

2.	Parent	<p>1.Establish a parent advisory committee specifically for mathematics education</p> <p>2.Share examples of mathematics homework and assignments with parents.</p> <p>3.Include information on areas of strength and areas that may need improvement.</p> <p>4.Engage with PTAs to facilitate discussions about curriculum-related matters.</p> <p>5.Act upon the feedback received and communicate the actions taken to address concerns or make improvements. Maintain transparency throughout the process.</p>	<p>1.Conducted parent-Teacher Meeting for every semester</p> <p>2.Including parent suggestions in designing curriculum.</p> <p>3.Regular Interaction with parents on Various Events Organized at College.</p> <p>4.Mentoring is provided to Students along with parents regularly.</p>
3.	Faculty	<p>1.Presenting the course structure and simplification of course codes and Syllabus of B. Sc(MPCs/MECs) Physics and Electronics course of First Year Semester - I & II w. e. f. academic year 2023-24.</p> <p>2.Presenting the Evaluation will be based on Bloom's Taxonomy changed Internal and External model papers theory pattern w. e. f 2022-23 AY batch</p> <p>3.Presenting list of examiners for discussion and approval.</p> <p>4.More time you compilation of the syllabus</p> <p>5.Need to improve software based practical, Practical component can be done using technical tools</p>	<p>1. It was resolved to approve the B.Sc (MPCs/MECs)Physics and Electronics Course structures and course codes for First Year Semester I & II, effective from the academic year 2023-24.</p> <p>2. It was resolved to approve the evaluation based on Bloom's Taxonomy and the new internal and external model papers theory pattern, effective from the 2023-24 academic year batch.</p> <p>3. It was resolved to approve the panel of examiners for theory and practical examinations.</p> <p>4. A semester-wise almanac was initiated to allow more time for syllabus Compilation.</p> <p>5.New paper like Nanoscience is added to the syllabus to increase knowledge in Research Concepts.</p>

4.	Alumni	<p>1. Pay particular attention to feedback related to the outcomes of the Physics and Electronics Program, such as problem solving skills, industry requirements and further Higher education.</p> <p>2. Analyzing the feedback from the students who got settled in field of Physics and electronics to improve quality of curriculum</p> <p>3. Assess feedback regarding the teaching faculty, including their expertise, accessibility, and their ability to inspire a passion for Physics and Electronics among students.</p> <p>4. Analyze feedback regarding extracurricular activities related to Science club.</p> <p>5. Encourage ongoing engagement with alumni, not just for feedback collection but also for mentoring, guest lectures, and participation in program development.</p>	<p>1. Collecting feedback from Alumni to include industry meets skills in the Curriculum design</p> <p>2. Making Alumni as a part of Board of studies and incorporating their idea and suggestions in curriculum design</p> <p>3. Improving more problem solving skills in students by adding more interesting events in Science Club (fusion Sparks)</p> <p>4. Regular Mentoring Sessions are Conducted by Alumni to present students.</p> <p>5. Facilitation of Internship, NPTEL, Value based Courses to students.</p>
5.	Employer/ Industry Expert	<p>1. Syllabus is sufficiently relevant to the industry needs, but need to introduce more technical oriented papers</p> <p>2. Focus on problems in each and every course included and make a component in evaluation process also</p> <p>3. Practical work needs to be given greater importance, which enables the students to get acquainted with market needs</p>	<p>1. Conducted industrial visits to align the syllabus with industry needs.</p> <p>2. Collaborated with industry experts to ensure the curriculum is industry-friendly and aligned with the New Education Policy (NEP), focusing on enhancing students' employability and skills.</p> <p>3. To approve the list of courses focusing on Employability/ Entrepreneurship/ Skill Development.</p> <p>4. Including to approve the titles of department specific Electronics SEC papers to be implemented for the batch 2022-25 from the academic year 2024-25 in semester-5 (Basic Arduino Programming and PCB Designing) and semester-6 (IoT based systems & 8085 Microprocessor).</p>


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