



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 & Electronics Electronics

Action Taken Report on Curriculum Feedback from Stakeholders

Academic Year 2019-20, 2020-21, 2021-22

The feedback on curriculum from different stakeholders was collected and analyzed.

Followings are the actions taken on the feedback.

S. No	Stakeholder	Feedback	Action taken
1.	Student	<ul style="list-style-type: none">● Provide enough equipment for the lab practical.● Provide more practical exposure as well● Placement need to be improved● Focus more on the subjects courses which are in high demand right now in the market.● Need more practical classes relevant to the course● Include Advance topics that help in doing project	<ul style="list-style-type: none">● Purchased lab apparatus / equipment of worth Rs. 4,00,000/- (Rupees Four Lakhs) in the year 2018-19.● Curriculum is provided with major project in the 6th semester with grade point. Mini projects are assigned for skill based testing in 4th semester for second years.● Students with science background are given at most importance with skill and technical training.● Curriculum is provided with microcontrollers, digital design using VHDL programming and digital communication courses based on demand in the market.● Students are allowed to spend time in Labs for more practice after teaching hours.● Introduced Arduino programming and Robotics as

			skill enhancement courses for making project work to be easy.
2.	Faculty	<ul style="list-style-type: none"> • Needed small amounts of fund for student projects to encourage the students for creating and doing innovative projects. • This SEC (Basic Arduino Programming) course will help the students to take up the projects with Arduino. It would be better if we offer this as one of the elective instead of SEC. • Must need collaboration with industry/research organisations for skill training to students and up-gradation of research skills to faculty. 	<ul style="list-style-type: none"> • Funds are allocated in Department budget for Funding Students & Faculty for doing innovative/research related Projects • Students are assigned with major projects in final year based on IoT with Arduino programming. • Entered MoU with Physitech Electronics and Techno Design group to provide skill training to students.
3.	Alumni	<ul style="list-style-type: none"> • Reduce the subjects in each semester like other autonomous colleges for example in semester 6 there should be only 3 theory and 3 practical subjects instead of 6 theory subjects • Outdated subjects have to be eliminated. • Faculty need to be trained for latest technologies • Students need to be exposed to latest tools and technologies • It would be nice for the students to have field visits especially those which expose students to Physics/Electronics Research. • A proper research orientation & guidance must be given students for their final year projects • Kindly include mini projects and made mandatory for students to improve their skills. 	<ul style="list-style-type: none"> • From academic year 2022-23, introducing only 3 theory and 3 practical courses along with Generic elective. • Curriculum is reviewed and redesigned periodically so that latest concepts are included. • Faculty are made to attend FDPs or Training Sessions to enhance their knowledge. College provides financial support for conducting or organizing FDPs or Training Sessions . • College offers various certificate courses which have MoU with reputed universities. Students are allowed and encouraged to do NPTEL online Courses.

		<ul style="list-style-type: none"> ● Encourage students to do projects. 	<ul style="list-style-type: none"> ● Department conducts at least two field visits in each semester. ● Department organizes orientation on projects for students by in-house faculty and or external resource persons in the specified field. ● Included Mini Projects for second year students based on the second year curriculum using simulation software and/or physical construction. ● Projects are included in the Curriculum.
4.	Parent	<ul style="list-style-type: none"> ● Information related to curricular activities or any events must be sent before the time. Also, plan of the year should be given to the students ● Students need to be exposed to online platforms for doing practical ● Give more practical exposure to student along with textbook knowledge. ● Focus more on the subject courses which are in the market right now. ● More field tour programs. 	<ul style="list-style-type: none"> ● Information related to curricular & extra-curricular activities will sent through notices to class rooms and to student groups. Annual planner will post in the college website. ● Students are exposed and encouraged to use simulation software and virtual labs offered by IIT etc., during pandemic. ● Students are allowed to do extra lab hours after the teaching hours and also encourage doing practical through simulation software at home. ● Curriculum Contains courses that are Well defined which focus on skill development and Employability ● Department conducts at least two field visits in each semester

5.	Industry	<ul style="list-style-type: none"> ● Include IoT / Embedded systems based courses in final year electronics ● Better offer courses with skill enhancement and employability. ● Also offer design based technical enhancement courses. 	<ul style="list-style-type: none"> ● Included Arduino programming as skill enhancement course. ● Included PCB designing as skill enhancement course that provides more opportunities for self employment ● Planning to include such courses in the year 2024-25 with consultation of scientists, industry and academia with best outcome for industry and employability needs.
----	----------	--	---