



## ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University  
Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B<sup>++</sup>  
King Koti Road, Hyderabad

### Department of Computer Science

#### Curriculum Feedback from Stake holders for the Academic Year 2023-24

S.No	Stakeholder	Suggestions	Action Taken
1	Alumni Responses: 20	<ul style="list-style-type: none"><li>• If there would be more projects oriented learning for the interested students then it would be more helpful, as it gives more confidence and idea about how they can use the knowledge to solve problems in the world.</li><li>• Please ensure more practical sessions</li><li>• Should add more topics about trending technologies like AI &amp; Data Science.</li><li>• PEGA Developer can be included as SEC program</li><li>• For B.com (IT) students excel, Power BI, SQL, and Python from a business analyst point of view will be beneficial and a required</li></ul>	<ul style="list-style-type: none"><li>• Provided Training on Advanced web technologies and Python for Project</li><li>• Introduced Data analysis &amp; Visualization tools</li><li>• Workshop will be conducted PEGA Developer</li><li>• Included Power BI and Tableau for B.Com (IT) / BBA(IT) Program</li></ul>
2	Student Responses: 150	<ul style="list-style-type: none"><li>• Introduce a Data science has it is very interesting and blooming subject</li><li>• c6(elective)-Python-There should be more practical class.It should be taught at industrial standard</li><li>• There should be more practical class to learn more about topologies and implementation of them.</li><li>• Advanced subject could be added in the final semester</li></ul>	<ul style="list-style-type: none"><li>• Node JS, Rest API , Bootstrap are included in Web technologies Courses</li><li>• Measures are taken to enhance Lab Infrastructure</li><li>• Students will be given environment to practice on Network</li><li>• Labs are open to students after 2.00pm to all the</li></ul>

		<ul style="list-style-type: none"> <li>• We can introduce Machine Learning</li> <li>• I feel the web technologies paper could've been different. Instead of XML and PHP we could've had Flutter, React native (basics and theory at least).</li> <li>• I had to like to suggest to involve python libraries such as pandas as they are likely important and helpful for those you'd like to learn data science(it will be really helpful as it as a great demand out there)</li> <li>• Courses can be modified according to the recent trends.</li> <li>• The coding syllabus for python is very simple and can include many other topics like data analysis in depth.</li> <li>• Better to increase some of practical sessions for better learning</li> </ul>	<p>students</p> <ul style="list-style-type: none"> <li>• Cyber Security is offered as DSE GE or SEC</li> <li>• Python for Data Science is Introduced as DSE Paper</li> <li>• Included Python Libraries Numpy, Pandas, Matplotlib into Python for Data Science</li> </ul>
3	Faculty Responses: 35	<ul style="list-style-type: none"> <li>• I suggesting to introduce Mini project in second year (in IV Sem).</li> <li>• To do this introduce the subject, Web Technologies in Sem III itself.so, then students can completely focus on main projects business logic and database logic.</li> <li>• Adding more case study/application based lab sessions in practical papers</li> <li>• Frameworks + Training Machine Learning course can be included</li> <li>• Cloud computing concepts need to be included into curriculum</li> <li>• Students need complete or enhanced knowledge on python for Data Analysis and Application development.</li> <li>• Kindly include python for Data science course</li> <li>• Include pandas matplotlib, numpy</li> <li>• Topics on AI machine learning need to be included</li> <li>• Python for data science, deep learning</li> <li>• Data Analytics</li> </ul>	<ul style="list-style-type: none"> <li>• New Program BSc(MSDs) Data Science is Introduced</li> <li>• New Course on Data Science is Introduced</li> <li>• Case study/application based lab sessions are introduced in practical papers</li> <li>• Practical Question</li> <li>• Framework like Spark Django are included in the Curriculum</li> <li>• Workshops will be organized in the AI &amp; Machine Learning</li> </ul>

		<ul style="list-style-type: none"> <li>• New technologies like machine learning and artificial intelligence</li> <li>• Data analytical tools for data analysis.</li> </ul>	
4	Parent Responses: 10	<ul style="list-style-type: none"> <li>• More Lab Sessions need to be provided</li> <li>• Kindly train Students with Technologies required for Doing Project.</li> <li>• Personalized help in Labs</li> <li>• Include Design thinking or product design Concepts for BSc</li> <li>• Mini Projects need to be included</li> </ul>	<ul style="list-style-type: none"> <li>• Labs are open to students after 2.00 PM.</li> <li>• Mini Projects are Included as SBT in Web Technologies , Software Project Management</li> <li>• Workshop on Design thinking was Organized to Students</li> <li>• Training on Latest Technologies used in Project was conducted</li> </ul>
5	Industry/ Employers Responses: 10	<ul style="list-style-type: none"> <li>• Encourage students to do Capstone projects</li> <li>• Provide more Practical Sessions so that programming Skills can be honed</li> <li>• Introduce Students to Cloud Architecture and Services</li> <li>• Encourage students to do Mini Projects</li> </ul>	<ul style="list-style-type: none"> <li>• Will Include Capstone projects</li> <li>• Courses on Cloud Computing is introduced</li> <li>• Mini Projects are Included as SBT in Web Technologies , Software Project Management</li> <li>• Full Stack Web Development Concepts are included in Web Technology Courses</li> </ul>

*JPR*

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