



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 COMPUTER SCIENCE

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">• Need more practical classes relevant to the course• Include Advance topics that help in doing project• Kindly avoid including programming basics like data types , Control Structures in final year courses• Include Courses on Machine Learning, AI• Need to include Presentation and coloration tools in curriculum• Required Special training in advanced topics .	<ul style="list-style-type: none">• Students are allowed to spend time in Labs for more practice after teaching hours.• Every year Training session are conducted on Web Technologies Java and Python which helped students in doing their projects• Programming basics are included as per the need of the Course• Courses on Machine Learning , AI , Cloud Computing etc are included into curriculum of BSc, BBA(IT) and BCom(IT) Programs• Introduced AECCI: Basic Computer Skills for all UG Programs that includes Presentation and coloration tools• Conducted Seminars and Guest lecturers on Cyber Security, Full Stack Development , Data Science and AI• Students are exposed and encouraged to use Mobile Apps and online platforms

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2.	Faculty	<ul style="list-style-type: none"> • More case study should be included • Needed small amounts of funds for student projects to encourage the students for creating and doing innovative projects. • Unit 5 information security unit need to be reviewed and topics on cybersecurity need to be added in Computer networks & Information Security course offered to Bcom(IT) /Bcom(Comp) and BBA(IT) • Must need collaboration with industry/research organisations for skill training to students and up-gradation of research skills to faculty. • In RDBMS course Unit II is overloaded for BSc Program • More weight age need to be given for Unix . kindly include Two units of Unix in Operating System Course offered to BSc , BCom(IT) /BCom(Comp) and BBA(IT) Programs • Kindly include concepts like AI, Cloud Computing, Machine Learning into Syllabus of Elements of Information technology offered for Bcom(IT) and BBA(IT) • Courses on data visualization need to be provided to Bcom(IT) and BBA(IT) • Kindly include Data Analysis and Data visualization Tools like Power BI, Tableau for BCom(IT) and BBA(IT) students • Include Concepts like Linked Stack , Linked queue, Spanning 	<p>during pandemic.</p> <ul style="list-style-type: none"> • Funds are allocated in Department budget for Funding Students & Faculty for Doing innovative Projects • Cyber Security concepts will be included in Computer Networks and Cyber Laws • Guest lectures are arranged on Cyber Security , Ethical Hacking • College has MoUs with IBM, Wilely, Tech Mahendra , Mentor Mind and other organizations for offering courses and training students on technologies required for doing Project • Included concepts like AI, Cloud Computing, Machine Learning into Syllabus of Elements of Information technology offered for Bcom(IT) and BBA(IT) • Data Analysis and Visualization tools like MS Excel, Cognos BI, R and Python are already include in the curriculum. Tools like Power BI, Tabuleu and Pega are recently introduced into Curriculum for Bcom(IT) and BBA(IT) Programs • Include Concepts like Linked Stack , Linked queue, Spanning Trees , AVL Trees into the Data Structure & File Processing course offered to BSc • Concepts like Scrum, Agile development will be included in Software Project Managements course offered to Bcom(IT) and BBA(IT)
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		<p>Trees , AVL Trees into the Data Structure & File Processing course offered to BSc</p> <ul style="list-style-type: none"> • We can include Course with concepts like Scrum , Agile Development by remove .Net Programming Course for BCom(IT) and BBA(IT) • Automated Software testing tools need to included in Software Engineering course offered for BSc , BCom(IT) /BCom(Comp) and BBA(IT) Programs • Include latest version textbooks 	<p>Programs</p> <ul style="list-style-type: none"> • Included textbooks with latest version • RDBMS course syllabus is reviewed • More weight age will be given for Unix or Linux concepts in the Operating system courses offered to Bsc, Bcom(IT) and BBA(IT) Programs
3.	Alumni	<ul style="list-style-type: none"> • Outdated subjects has to be eliminated. • Faculty need to be trained for latest technologies • Students need to be exposed to latest tools and technologies • Encourage students for internships • Certification courses from reputed Universities like IIT, IIM, ISB and other top national and international institutions can be encouraged so that it gives weightage to the individual profile and also prepares them for next level courses in advance • Kindly include mini projects for BSc, Bcom(IT) and BBA(IT) students • Mini projects to be made mandatory for students to improve their skills. • Train students with presentation and word processing Skills • Encourage students to do projects 	<ul style="list-style-type: none"> • 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 . • Included Mini Projects or case studies into Software Engineering , Ecommerce, Digital Marketing • Introduced AECCI: Basic Computer Skills for all UG Programs that includes Presentation and coloration tools • Projects are included into Curriculum

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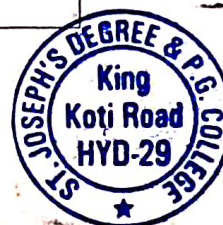


4.	Parent	<ul style="list-style-type: none"> • Students need to be exposed to online platforms for doing practicals • Give more practical exposure to student along with textbook knowledge. • No need to improve all well and good • Include courses that provide Employability • Kindly provide curriculum such that they will get more employment opportunities • Cut down the portion • Need some more practicals 	<ul style="list-style-type: none"> • Students are exposed and encouraged to use Mobile Apps , online platforms and virtual labs offered by IIT Hyderabad, during pandemic. • Lab Question Bank contains Programs that are challenging and helps in honing their Programming Skills • Curriculum Contains courses that are Well defined which focus on skill development and Employability • Students are allowed to spend time in Labs for more practice after teaching hours.
5.	Industry	<ul style="list-style-type: none"> • Kindly include ERP and ETL Technologies for BCom(IT) and BBA(IT) courses. • OOP's Concept should add • Expose students to Github, Google Data Studio • Kindly Include API in Syllabus • Let BCom(IT) and BBA(IT) students learn more of Data Analysis, Data Visualization tools rather than too much of programming • Include cloud computing , pricing models , Cloud Infrastructure • Student need to get exposed to project management , testing tools , Networking so that they will have more carrier paths • Expose students with no code or less code technologies • Need to include relevant subjects in the curriculum which makes the students industry ready when they complete 	<ul style="list-style-type: none"> • included ERP and ETL Technologies for BCom(IT) and BBA(IT) courses. • Introduced OOPS concepts in Programming in C++ for BBA(IT) and Bcom(Comp) • Students are Exposed to Github, Google Data Studio • Training/ Workshops will be organized on API • The Curriculum of BCom(IT) and BBA(IT) programs is redesigned such that students get more weightage on Data Analysis, Data Visualization tools rather than too much of programming • cloud computing , pricing models will be Including • Revised Curriculum offers courses on project management , testing tools , Networking . • Workshops and Seminars will

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	<p>graduation</p> <ul style="list-style-type: none"> • Introduction to latest technology Blockchain, RPI • • Problem Solving skills with situations as close as to reality would be good to add • System Development Process Business Process Model • Include following Concepts and tools as SEC or GE Courses <ul style="list-style-type: none"> • Business Process Management Reengineering, Reverse engineering , Requirements Engineering • Tableau, • Google Data Studion, • CyberLaws • 	<p>be organized on Blockchain, RPI , no code or less code technologies</p> <ul style="list-style-type: none"> • Included relevant courses in the curriculum which makes the students industry ready • Through Assignments , case studies and Excersises available in Question bank hones Problem Solving skills • Included Google Data Studion as GE Course • Included the following concepts in Business Process Management Reengineering, Reverse engineering , Requirements Engineering • React JS and Angular JS are already included in Web technologies Courses • CyberLaws are offered d to BCom(Comp)/BBA(IT) And BCom(IT) Programs
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K. V. Rao

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