# SACRED HEART COLLEGE (AUTONOMOUS)

**Tirupattur – 635 601, Tamil Nadu, S.India**

**Ready for Every Good Work**

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**A Don Bosco Institution of Higher Education, Founded in 1951 * Affiliated to Thiruvalluvar University, Vellore * Autonomous since 1987**

**Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade**

| Name of the Course | Course Code | Name of the Program | Activities with direct bearing on Employability/ Entrepreneurship/ Skill development | Year of introduction |
|---|---|---|---|---|
| Software Testing and Quality Assurance | MCA163T | MCA | Skill Development: Content: 100% Activities: Write Test Scenario and Create Test Cases | 2017-18 |
| Practical : Scripting Technology | MCA166P | MCA | Skill Development: Content: 100% Activities: Problem Solving, Create interactive graphics and multimedia content on the web | 2020-21 |
| Elective I - Artificial Intelligence Internet of Things Research Domain I | MCA263A/ MCA263B/ MCA263C | MCA | Skill Development: Content: 100% Activities: Problem Solving, Constructing Knowledge representations Skill Development: Content: 100% Activities: Develop the prototypes models on the domain specific problem using Arduino, seminars Skill | 2017-18 |

| | | | Development:<br>Content: 100%<br>Activities:<br>Seminars,<br>Assignments,<br>Technical report<br>writing, Publish<br>papers in<br>conferences and<br>journals | |
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| Pure Practical<br>: Android<br>Application<br>Development | MCA264I | MCA | Skill<br>Development:<br>Content: 100%<br>Activities:<br>Develop Android<br>applications | 2020-21 |
| Blockchain<br>Technology | MCA361T | MCA | Skill Development:<br>Content: 100%<br>Activities: Problem<br>solving exercises,<br>Quiz on basics of<br>Blockchain and<br>Bitcoin | 2019-20 |
| Elective III:<br>Enterprise<br>Resource<br>Planning,<br>Big Data | MCA364A/MCA364B | MCA | Skill Development:<br>Content: 100%<br>Activities:<br>Assignments, Case<br>study of re-<br>engineered<br>business process<br>with ERP<br>Skill Development:<br>Content: 100%<br>Activities:<br>Develop the<br>prototypes models<br>on the domain<br>specific problem<br>using MongoDB,<br>Map-Reduce | 2019-20 |

| | | | procedure construction | |
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| Life and Employability Skill Courses: Quantitative Aptitude | | MCA | Skill Development: Content:100% Activities: Mock Interviews, Quiz, Test on Quantitative aptitude | 2019-20 |
| Elective IV: Data Analytics with R Programming, Data and Information Security | MCA466A/MCA466B | MCA | Skill Development: Content: 100% Activities:  Apply the techniques and packages required for handing data and visualize them, Apply various statistical / learning techniques for data analytics for a given problem Skill Development: Content: 100% Activities:  Quiz, Problem Solving in Cryptography, Symmetric and Asymmetric Ciphers | 2021-22 |
| Elective V: Data Mining Techniques Game Programming | MCA467A/MCA467B | MCA | Skill Development: Content: 100% Activities:  Quiz, Problem Solving, Apply the KDD process for a specific problem. Skill Development: Content: 100% | 2021-22 |

| | | | Activities: Quiz, Problem Solving, Apply Storyboarding | |
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