**Master of Science Information Technology**  **SRKI** 



**Faculty of Science**

Shree Ramkrishna Institute of Computer Education &

Applied Sciences, Surat

**M.Sc. Information Technology**

**SEMESTER- 4**

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**Master of Science Information Technology**  **SRKI** 

**Course:Project**

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| Course Code |  |
| Course Title | **Project** |
| Credit | 20 |
| Teaching per Week | 20 hours (i.e. 2 Students / hour / Week) |
| Minimum weeks per Semester | 15 (Project work, Self-Study, examination, preparation, holidays etc.) |
| Last Review / Revision | --- |
| Purpose of Course | Students will get trained in industrial practices and activities of Software Engineering |
| Course Objective | To expose students to industrial practices and activities of software engineering and train them about the same. |
| Pr-requisite | Knowledge of Advanced Programming, Latest Technologies and Tools and Software Engineering. |
| Course Out come | After completion of this course, the student will be capable to start professional career and/or research work in the field of Information Technology. |
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| Course Content | Entire semester is allocated for a full-time project work. All the students have to undergo a project preferably in an  industry or any reputed institute. The students must prepare documentation of the project work done as per the software Engineering Guidelines. At the end of the semester, the  students have to submit their project report in bounded form to the respective institution. The project presentation and viva –voice will be conducted on the basis of it.  The students have to submit the following reports to their respective institution:  1. Project Joining Report  2. Appropriate name of the project  3. Monthly Progress Report duly sign by the concern external guide  4. Project Completion Certificate  5. Institution/College Certificate  6. Software Coding declaration…(if industry/organization doesn‟t permit students to submit the source code) ( To be submitted at the time of joining project training)  7. Attendance Report Without such reports student will not be allowed to appear in his/her final Project Presentation and Viva-Voice. |
| Teaching Methodology | Project guidance, review |
| Evaluation Method | 70% Internal assessment is based on project presentation and/or demonstration and viva-voice examination.  30% assessment is based Project Presentation and/or demonstration and viva-voice examination at the end of semester. |

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**Master of Science Information Technology**  **SRKI** 

**Course : Seminar Presentation/Review of published research paper**

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| Course Code |  |
| Course Title | **Seminar Presentation/Review ofpublished research paper** |
| Credit | 4 |
| Teaching per Week | 10 hours (i.e. 2 Students/ hour / Week) |
| Minimum weeks per Semester | 15 (Project work, Self-Study, examination, preparation, holidays etc.) |
| Last Review / Revision | --- |
| Purpose of Course | The purpose of the courseisto makestudentcapable of gaining additional knowledge (besides the curricula) in the field of information technology by self learning practices and presenting and/or demonstrating it.  **OR**  The purpose of a review paper is to succinctly review recent progress in a particular topic. Overall, the paper summarizes the current state of knowledge of the topic. It creates an understanding of the topic for the reader by discussing the findings presented in recent research papers |
| Course Objective | Additional knowledge building in the field of Information Technology using self-learning practice and research paper reviews. |
| Pr-requisite | Basic Knowledge of Information Technology theories, activities, methods, techniques & tools |
| Course Out come | After completion of thiscourse, thestudent will have  gained further knowledge (besides the curricula) in the  field of information technology by self learning practices  and will be capable of presenting and/or demonstrating it.  **OR**  The student will benefit with research paper reviews   To help improve writing and research skills   To professionalize the graduate experience.   To inform a future careerpath |
|  |  |
| Course Content | In this paper students willhave to selectany topicrelated to  information technology field– preferably based on the current trends and technologies for the seminar. Individual student is required to prepare a seminar report. At the end of the semester student has to submit seminar report with satisfactory detail study in the bounded form to the respective institution. The seminar presentation and viva voice will be conducted on the basis of selected topic at the end of the semester. |

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|  | The students have to submit the following documents to their  respective institution:  1. Name and abstract of the Topic selected.  2. Monthly Progress Report duly signed by the concern internal guide  3. Work Completion Certificate by internal guide  4. Institution/College Certificate |
| Teaching Methodology | Seminar guidance, review |
| Evaluation Method | 70% Internal assessment isbased on seminarpresentation and/or demonstration and viva-voice examination.  30% assessment is based seminar Presentation and/or demonstration and viva-voice examination at the end of semester. |

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