



Computer Science Paper I
Industrial Training
[Compulsory]

Semester IV	Subject Code: MS42001	No of Credits: 20
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Course Outcomes:

At the end of this course, the learner will be able to:

- Accomplish Growth Objectives that describe what you will learn or what competencies you will gain from the activities you are engaged in for your internship.
- Learn variety of professional work activities designed to provide a total learning experience

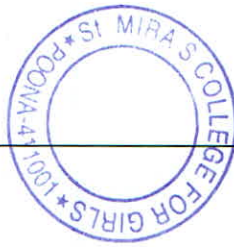
Guidelines

- Each student must individually complete **minimum 5 months** full time Industrial training/ Institutional project in the 4th semester.
- College should assign a student mentor to every student. The mentor will monitor the progress of the student throughout the semester for continuous assessment.
- Students should submit a valid offer letter and synopsis within two weeks of starting the internship.
- There will be continuous assessment of the work done by the student during the internship period.
- Continuous assessment guidelines:
- Students should submit a weekly report in the college to the mentor.
 - The report should contain the following details: Name of student, project title, company name, company mentor, daily activities and results/output, proposed work for next week.
 - The weekly report should be duly signed by the student and company mentor/ institute guide (CM).
 - Student Mentor should maintain weekly attendance record for every student.
 - Two presentations should be conducted for each student (first presentation after first month and second presentation after 3rd month)
 - Student Mentor should take feedback from the Company mentor regarding overall performance of the student.
- At the end of the internship period, each student should prepare a report which should conform to international academic standards.
- The report should follow the style in academic journals and books, with contents such as: abstract, background, aim, design and implementation, testing, conclusion and full references, Tables and figures should be numbered and referenced to in the report.

Recommended Documentation contents:

- Title page
- Company / Institute certificate
- Internship completion certificate

Board of Studies	Name	Signature
Chairperson	Ms Ashwini Kulkarni	



<ul style="list-style-type: none"> • Abstract • Introduction <ul style="list-style-type: none"> o motivation o problem statement o purpose/objective and goals o literature survey o project scope and limitations • System analysis <ul style="list-style-type: none"> o Comparative study of Existing systems o scope and limitations of existing systems o project perspective, features o stakeholders o Requirement analysis - Functional requirements, performance requirements, security requirements etc. • System Design <ul style="list-style-type: none"> o Design constraints o System Model: UML diagrams o Data Model o User interfaces • Implementation details <ul style="list-style-type: none"> o Software/hardware specifications, etc. • Reports • Testing <ul style="list-style-type: none"> o Test Plan, Black Box Testing or Data Validation Test Cases, White Box Testing or Functional Validation Test cases and results • Conclusion and Recommendations <ul style="list-style-type: none"> o Self Assessment w.r.t. skill set achieved • Future Scope • Bibliography and References 	
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Board of Studies	Name	Signature(in white)	
Chairperson	Ms Ashwini Kulkarni	<i>Ashwini</i> 25/7/20	
Faculty	Ms. Swati Pulate		<i>Swati</i> 25/7/20
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Industry Expert	Ms. Snehal Biyala	<i>Snehal</i> 25/7/20	
Alumni	Ms. Mamta Choudhary		<i>Mamta</i> 25/7/20

Board of Studies	Name	Signature
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