Part I

Course Title: Comprehensive Studies in Selected Topics in Computer Science

Course Code: CS8692

Course Duration: One Semester

Credit Units: 3

Level: R8

Medium of Instruction: English

Prerequisites: (Course Code and Title)
Nil

Precursors: (Course Code and Title)
Nil

Equivalent Courses: (Course Code and Title)
Nil

Exclusive Courses: (Course Code and Title)
Nil

Part II

Course Aims

The aim of this course is to provide an opportunity for a postgraduate research student to explore a selected topic in computer science. The objectives are to develop in-depth knowledge of a chosen field of interest. The students will also have the opportunity to develop documentation and presentation skill in conveying the results of his/her work.
Course Intended Learning Outcomes (CILOs)

Upon successful completion of this course, students should be able to:

<table>
<thead>
<tr>
<th>No.</th>
<th>CILOs</th>
<th>Weighting (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>to develop documentation and presentation skill in conveying the results of his/her work;</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>to develop in-depth knowledge of a chosen field of interest;</td>
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<tr>
<td>3.</td>
<td>to explore, investigate, make critique and to possible derive new solutions on a specific topic in computer science.</td>
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</tbody>
</table>

Teaching and Learning Activities (TLAs)

(Indicative of likely activities and tasks designed to facilitate students’ achievement of the CILOs. Final details will be provided to students in their first week of attendance in this course)

Teaching pattern:

*Suggested lecture/tutorial/laboratory mix: individual consultation*

<table>
<thead>
<tr>
<th>CILO No.</th>
<th>TLAs</th>
<th>Hours/week (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CILO 1</td>
<td>Individual Consultation</td>
<td></td>
</tr>
<tr>
<td>CILO 2</td>
<td>Individual Consultation</td>
<td></td>
</tr>
<tr>
<td>CILO 3</td>
<td>Individual Consultation</td>
<td></td>
</tr>
</tbody>
</table>

Assessment Tasks/Activities

(Indicative of likely activities and tasks designed to assess how well the students achieve the CILOs. Final details will be provided to students in their first week of attendance in this course)

<table>
<thead>
<tr>
<th>CILO No.</th>
<th>Type of Assessment Tasks/Activities</th>
<th>Weighting (if applicable)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>CILO 1</td>
<td>Presentation to qualifying panel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CILO 2</td>
<td>Written report</td>
<td></td>
<td></td>
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<tr>
<td>CILO 3</td>
<td>Weekly In-depth Individual discussions</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Grading of Student Achievement:

\[\text{Examination duration: Nil}\]
\[\text{Percentage of coursework, examination, etc.: 100\% CW}\]
\[\text{Grading pattern: Standard (A+AA-…F)}\]

Part III

Keyword Syllabus


Recommended Reading

Text(s)
N/A

Online Resources

N/A