Proposal for

Vocational Education Training

On

System Analyst

For

MCA Students

Submitted by:
Department of MCA
(2018-2019)
Course Contents:

Theory:

Model I - 14 Hrs.

1. Review of SDLC.
   - Phases of SDLC
   - Review of System DLC

2. Role of analyst and designer.
   - System Analysis & Design concepts
   - Role of System Analyst

Practical: Case Study on Model I - 6 Hrs.
Model II - 14 Hrs.

1. Approaches to DFD.
   - Data flow approaches to requirements.
   - Developing DFDs.
   - Logical & Physical DFDs.
   - E-R Diagrams

2. Types of Software developing life cycles (SDLC).
   - Waterfall Model
   - Spiral Model
   - Iteration Model
   - Incremental Model
   - V-Shape Model

Practical: Case Study on Model II - 6 Hrs.
Submission of Case Study is Mandatory.

Duration: 40 Hours
Theory: 28 Hours
Practical: 12 Hours

Target Group: MCA I & II Year Students
Intake: 20 students
Course Expenditure: Rs. 500/- Only

Course coordinator
Prof. K.P. Raghuvanshi
VIDYABHARATI MAHAVIDYALAYA, AMRAVATI  
C.K. Naidu Road, Camp, Amravati- 444602  
DEPARTMENT OF MCA  

Workload Distribution

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of Faculty Members</th>
<th>Theory</th>
<th>Practical</th>
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<tbody>
<tr>
<td>1</td>
<td>Prof. K.P. Raghuvaranshi</td>
<td>14 hr</td>
<td>06 hr</td>
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<tr>
<td>2</td>
<td>Prof. S.B. Bele</td>
<td>14 hr</td>
<td>06 hr</td>
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<td>Total</td>
<td>40 Hrs.</td>
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Course coordinator

Prof. K. P. Raghuvaranshi
<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of Department</th>
<th>Name of Certificate</th>
<th>Duration</th>
<th>Faculty</th>
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<tr>
<td>1</td>
<td>Department of MCA</td>
<td>Vocational Education Training</td>
<td>10Jan-30Jan 2019</td>
<td>Prof. K.P. Raghuvsanshi &amp; Prof. S.B. Bele</td>
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The proposal for Vocational Education Training (VET) is prepared for permission to conduct the course.

NAAC Coordinator
Vidyabharati Mahavidyalaya Amravati

Convener
Vidyabharati Mahavidyalaya Amravati

Principal
Vidyabharati Mahavidyalaya Amravati