



# ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

A Unit of Alva's Education Foundation (R)

( Affiliated to Visvesvaraya Technological University, Belagavi

Approved by AICTE, New Delhi & Recognised by Government of Karnataka )

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Date : 10/Sep/2015

To ,

The Chairman

Board of Studies (BoS)

Computer Science & Engineering

VTU , Belagavi

Respected Sir ,

Subject : Reg- Identification of Curriculum Gaps for the schemes 2010 VTU Syllabus.

With reference to the above subject, I would like to bring to your kind notice that we have identified

some curriculum gaps in few subjects for 2010 scheme VTU Syllabus. We kindly request you to consider these identified gaps and incorporate the same in the upcoming revision of the syllabus in the interest of students and faculties.

Thanking You Sir ,

H.D.D.

Dept. Of Information Science & Engineering  
Alva's Institute of Engg. & Technology  
Mijar, MOODBIDRI - 574 225

PRINCIPAL

Alva's Institute of Engg. & Technology  
Mijar, MOODBIDRI - 574 225, D.K

## Curriculum Gaps and Suggestions

- 1] In 2010 scheme there is no Machine Learning Laboratory subject for the students to learn the practical concepts of that subject. This may be considered for inclusion in upcoming revision of syllabus.
- 2] There is only Programming the Web (10CS73) theory subject without mini project in 2010 scheme. Mini project along with theory concept may be included in 2015 scheme.
- 3] Subjects like Software Engineering (10IS51) may be introduced early 2<sup>nd</sup> year so that students can understand much better about Software Engineering concepts in early stage which may help them to do mini project in 3<sup>rd</sup> year.
- 4] In Computer Networks-I (10CS55), fundamental concepts like signals, multiplexing and types of topologies are not discussed. This may be incorporated in upcoming 2015 scheme.

### SCHEME OF TEACHING AND EXAMINATION B.E. COMPUTER SCIENCE AND ENGINEERING

#### V SEMESTER

S. No.	Subject Code	Subject	Teaching Dept.	Teaching Hrs / Week		Duration (Hrs)	Examination		
				Theory	Practical		Marks		
							IA	Exam	Total
1	10IS51	Software Engineering	CSE/ISE	04	-	03	25	100	125
2	10CS52	Systems Software	CSE/ISE	04	-	03	25	100	125
3	10CS53	Operating Systems	CSE/ISE	04	-	03	25	100	125
4	10CS54	Database Management Systems	CSE/ISE	04	-	03	25	100	125
5	10CS55	Computer Networks - I	CSE/ISE	04	-	03	25	100	125
6	10CS56	Formal Languages and Automata Theory	CSE/ISE	04	-	03	25	100	125
7	10CSL57	Database Applications Laboratory	CSE/ISE	-	03	03	25	50	75
8	10CSL58	Systems Software & Operating Systems Laboratory	CSE/ISE	-	03	03	25	50	75
Total				24	06	-	200	700	900

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**SCHEME OF TEACHING AND EXAMINATION  
B.E. COMPUTER SCIENCE AND ENGINEERING**

**VII SEMESTER**

S. No.	Subject Code	Subject	Teaching Dept.	Teaching Hrs / Week		Examination			
				Theory	Practical	Duration (Hrs)	Marks		
							IA	Exam	Total
1	10CS71	Object-Oriented Modeling and Design	CSE/ISE	04	-	03	25	100	125
2	10CS72/ 10IS752	Embedded Computing Systems	CSE/ISE	04	-	03	25	100	125
3	10CS73	Programming the Web	CSE/ISE	04	-	03	25	100	125
4	10CS74	Advanced Computer Architectures	CSE/ISE	04	-	03	25	100	125
5	10CS75x	Elective II (Group-B)	CSE/ISE	04	-	03	25	100	125
6	10CS76x	Elective III (Group-C)	CSE/ISE	04	-	03	25	100	125
7	10CSL77	Networks Laboratory	CSE/ISE	-	03	03	25	50	75
8	10CSL78	Web Programming Laboratory	CSE/ISE	-	03	03	25	50	75
<b>Total</b>				<b>24</b>	<b>06</b>	<b>-</b>	<b>200</b>	<b>700</b>	<b>900</b>

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