SCHEME OF TEACHING AND EXAMINATION FOR M TECH. COMPUTER SCIENCE and ENGINEERING

I Semester

Subject	Name of the Subject	Teachi	ng hours/week	Duration of Exam in	Mar	Total Marks	
Code		Lecture	Practical / Field Work / Assignment/ Tutorials	Hours	I.A.	Exam	- Warks
12SCS11	Computer Networks	04	02#	03	50	100	150
12SCS12	Advances in Operating Systems	04	02*	03	50	100	150
12SCS13	Advances in Database Management Systems	04	02*	03	50	100	150
12SCS14	Computer Systems Performance Analysis	04	02#	013	50	100	150
12SCS15x	Elective – I	04	02	03	50	100	150
12SCS16	Seminar		03	-	50		50
Total		20	13	15	300	500	800

Elective I

42SCS151	Advances	in Dio tal	Image	Processing
12505131	Auvances	in Digital	mage	Troccosing

12SCS152 Computer Graphics & Visualization

12SCS153 Optical Networks 12SCS154 Embedded Systems

SCHEME OF TEACHING AND EXAMINATION FOR M.TECH. COMPUTER SCIENCE and ENGINEERING

II Semester Subject	Name of the Subject	Teachin	ng hours/week	Duration of Exam in Hours	Ma	Total Marks	
Code		Lecture	Practical / Field Work / Assignment/ Tutorials	Exam in Hours	I.A.	Exam	- Warks
12SCS21	Formal Models in Computer Science	04	2*	03	50	100	150
12SCS22	Advanced Algorithms	04	2*	03	50	100	150
12SCS23	Advances in Computer Architecture	04	2#	03	50	100	150
12SCS24	Cloud Computing	04	2#	03	50	100	150
12SCS25x	Elective – [04	2	03	50	100	150

03

13

Elective - II

12SCS26

Total

12SCS251 Topics in Multimedia Communications

**Project Phase-I(6 Week Duration)

12SCS252 Artificial Intel igence and Agent Technology

12SCS253 Protocols Engineering

Seminar

** Between the II Semester and III Semester after availing a vocation of 2 weeks.

20

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800

50

300

15

500

SCHEME OF TEACHING AND EXAMINATION FOR M.TECH. COMPUTER SCIENCE and ENGINEERING

III Semester

		No. of H	rs./Week		Mark	s for	
Subject Code	Name of the Subject	the Subject /		Duration of Exam in Hours	I.A.	Exam	Total Marks
12SCS31	Information Security	4	·	3	50 -	100	150
12SCS32x	Elective-III	4	2	3	50	100	150
12SCS33x	Elective-IV	4	2	3	50	100	150
12SCS34	Project Phase-II		\$				
12SCS35	Evaluation of Project Phase – I	-	3	-	50	-	50
	Total	12	07	09	200	300	500

Elective – III
12SCS321 Wireless and Cellular Networks
12SCS322 Advances in Storage Area Networks
12SCS323 Advances in Pattern Classification
12SCS324 Multicore Arch tecture & Programming

Elective – IV
12SCS331 Analysis of Computer Networks
12SCS332 Data Mining and Warehousing
12SCS333 Advances in VLSI

\$ 3 Days Course work and 3 days for Project work

SCHEME OF TEACHING AND EXAMINATION FOR M.TECH. COMPUTER SCIENCE and ENGINEERING

IV Semester

Course		No. of H	Irs./Week	Duration of the	Marl	Total	
Code	Name of the Subject	Lecture	Practical / Field Work	Exam in Hours	I.A.	Exam	Marks
12SCS41	Evaluation of Project/Phase – II/	-	, -	-	50	-	50
12SCS42	Evaluation of Project	-	-	-	50	-	50
12SCS43	Project work evaluation and Viva-voce		-	3	-	100+100	200
	Total	-	-	03	100	200	300

Grand Total (I to IV Sem.): 2400

Note: Project work shall be continuously evaluated for phase I, phase II and after completion of the project.

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Bangaloro, 560 057

SCHEME OF TEACHING AND EXAMINATION FOR M.TECH(COMPUTER SCIENCE and ENGINEERING)

I Semester Total Credits: 23

			eaching urs/week		Mar	ks for		CREDIT
Subject Code	Name of the Subject	Lec tur e	Practical / Fieldwork / Assignment / Tutorials	Duration of Exam in Hours	I.A.	Exam	Total Marks	S
14SCS11	Advances in Operating Systems	4		03	50	100	150	4
14SCS12	Cloud Computing	4	2 *	03	50	100	150	4
14SCS13	Advances in Data Base Management System	4	2 *	03	50	100	150	4
14SCS14	Multi Core Architecture and Programming	4	2	03	50	100	150	4
14SCS15x	Elective – I	4	2	03	50	100	150	4
14SCS16	Advances in Operating Systems Laboratory	0	3	03	25	50	75	2
14SCS17	Seminar #	0	3	-	25		25	1
	Total	20	13	18	300	550	850	23

Elective I:

14SCS151 Advances in Digital Image Processing

14SCS152 Advances in Storage Area Networks

14SCS153 Embedded Computing Systems

14SCS154 Advances in Computer Graphics

SCHEME OF TEACHING AND EXAMINATION FOR M.TECH(COMPUTER SCIENCE and ENGINEERING)

II Semester

Total Credits: 23

			aching rs/week	Duratio	Mar	ks for		CREDIT
Subject Code	Name of the Subject	Lecture	Practical / Fieldwork/ Assignment / Tutorials	n of Exam in Hours	I.A.	Exam	Total Marks	3
14SCS21	Managing Big Data	4	2 *	03	50	100	150	4
14SCS22	Advances in Computer Networks	4	2 *	03	50	100	150	4
14SCS23	Advanced Algorithms	4	_	03	50	100	150	4
14SCS24	Artificial Intelligence and Agent Technology	4	2	03	50	100	150	44
14SCS25x	Elective – II	4	2	03	50	100	150	4
14SCS26	Advanced Algorithms Laboratory	0	3	03	25	50	75	2
14SCS27	Semina: #	0	3	1 -7	25		25	1
	** Project Phase I (6 Week Duration)	24	-	-	-			-
	Total	20	13	18	300	550	850	23

ELECTIVE-II

14SCS251 Web Services

14SCS252 Information and Network Security

14SCS253 Pattern Recognition

14SCS254 Optical Networks

** Between the II Semester and III Semester after availing a vacation of 2 weeks.

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SCHEME OF TEACHING AND EXAMINATION FOR M.TECH(COMPUTER SCIENCE and ENGINEERING)

III Semester: INTERNSHIP

Total Credits: 20

Subject		No. of	Hrs./Week	Duration of the	Marks for		Total	CREDI TS	
Code	Name of the S∎bject	Lectu re	Practical / Fieldwork	Exam in Hours	I.A.	Exam	Mark s		
14SCS31	Seminar / Presentation on Internship (After 8 weeks from the date of commencement) *				25	-	25	1	
14SCS32	Report on Internsh p **	-			-3	75	75	15	
14SCS33	Evaluation and Vive-voce	-		3	7-1	5C	50	4	
	Total	-	-	3	25	125	150	20	

*The student shall make a midterm presentation of the activities undertaken during the first 8 weeks of internship to a panel comprising Internship Guide, a senior faculty from the department and Head of the Department.

The College shall facilitate and monitor the student internship program.

The internship report of each student shall be submitted to the University.

**Between the III Semester and IV Semester after availing a vacation of 2 weeks.

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SCHEME OF TEACHING AND EXAMINATION FOR M.TECH(COMPUTER SCIENCE and ENGINEERING)

IV Semester

Total Credits: 28

			ching s/week	Duration	Mark	s for	Total	CREDI TS
Subject Code	Name of the Subject			of Exam in Hours	I.A.	Exa m	Total Marks	
14SCS411	Machine Learning Techniques	4	2*	03	50	100	150	4
14SCS42x	Elective-III	4	2	03	50	100	150	4
14SCS43	Evaluation of Project Phase-	0		0	25	G.	25	1
14SCS44	Evaluation of Project Phase-	0	-4	0	25	-	25	1
14SCS45	Evaluation of Project Work and Viva-voce		3	03		100 + 100	200	18
	Total	08	07	09	150	400	550	28
Gra	nd Total (I to IV Sem.)	11	Marks:	2400;	Credits :	94		

Elective – III

14SCS421 Computer Vision

14SCS422 Business Intelligence and its Applications

14SCS423 Agile Technologies

14SCS424 Wireless Network and Mobile Computing

L-Lecture, T-Tutorial, P-Practical

Note:

*Lab Classes for these Core Subjects are Compulsory (Practical will be Evaluated for 20 marks and Internal assessment for 30 marks). Lab journals Should be Maintained.

- # Seminar: Topics should be chosen from IEEE/ACM/Elsevier/Springer/any Refereed Journals /Transactions. Encourage students to convert these seminar topics into a good survey paper or Technical paper.
- 1). Project Phase -I: 6 weeks duration shall be carried out between II and III Semester. Candidates in consultation with guide shall carryout literature survey / visit to Industries to finalize the topic of dissertation.
- 2) <u>Internship:</u>- 24 weeks Duration in 3rd Semester, Evaluation of Marks Presentation: 25 marks, Report writing and Submission: 75 marks and At the end of Internship Viva-Voce Exams shall be conducted for 50 marks.
- 3). Project Work: 20 weeks duration in IV Semester carries total marks of 250.
- 4) Project Phase II: 4 days for project work in a week during IV Semester. Evaluation shall be taken during the 8th week of the IV Semester. Total Marks shall be 25.
- 5). Project Phase III: Evaluation shall be taken up at the end of the IV Semester for 25 marks. After the Project report is submitted, Project Work Evaluation and Viva-Voce Examination shall be conducted. Total Marks Shall be 50+50+100=200 (50 Marks for Internal Guide, 50 Marks for External and 100 for Viva-Voce).

Marks of Evaluation of Project:

- I) The I.A. Marks of Project Phase II & III shall be sent to the University along with Project Work report at the end of the Semester.
- II) The Project Valuation and Viva-Voce will be conducted by a committee consisting of the following:
 - a) Head of the Department (Chairman)
 - b) Guide
 - c) Two Examiners appointed by the university.(out of two external examiners at least one should be present).

M. Tech. (Computer Science & Engineering)

II Semester

CREDIT BASED

		Teachi	ng hours/week	-	Mar	ks for		
Subject Code	Name of the Subject	Lecture	Practical / Field Work / Assignment/ Tutorials	Duration of Exam in Hours	I.A.	Exam	Total Marks	CREDITS
16SCS21	Managing Big Data	4	-	3	20	80	100	4
16SCS22	Advances in Computer Networks	4		3	20	80	100	4
16SCS23	Advanced Algorithms	4	(4)	3	20	80	100	4
16SCS24	Internet of Things	4	_	3	20	80	100	4
16SCS25x	Course Elective - II	4	-	3	20	80	100	3
16SCS26	Mini-project		3 hrs lab	3	20	80	100	2
16SCS27	Seminar	- 4	172	<i>p</i>	100	-	100	1
		Total 20	. 3	18	220	480	700	22

Course Electiv	ve II
16SCS251	Artificial Intelligence and Agent Technology
16SCS252	Pattern Recognition
16SCS253	Information and Network Security
16SCS254	Web Services

M. Tech. (Computer Science & Engineering)

CREDIT BASED

III SEMESTER: Internship

				ing Hours Week		Exar	nination		Credit	
Sl. No	Subject Code	Title	Theory	Practical/F ield Work/ Assignmen	Dura tion	I.A. Marks	Theory/ Practical Marks	Total Marks		
1	16SCS31	Seminar / Presentation on Internship (After 8 weeks from the date of commencement)	-	1	-	25	-	25	20	
2	16SCS32	Report on Internship	-	-	1	25	-	25	20	
3	16SCS33	Evaluation and Viva-Voce of Internship		-	-	1	50	50		
4	16SCS34	Evaluation of Project phase - P		-	-	50	-	50	1	
		TOTAL	- \	VA	7	100	50	150	21	

M. Tech. (Computer Science & Engineering)

, DI	MESTER		Teaching Hours /Week		Examination				Credit	
Sl. No	Subject Code	Title	Theory	Practical/F ield Work/ Assignmen t	Dura tion	I.A. Marks	Theory/ Practical Marks	Total Marks		
1	16SCS41	Machine Learning Techniques	4	-/	3	20	80	100	4	
2	16SCS42x	Course Elective-III	3	KA	3	20	80	100	3	
3	16SCS43	Evaluation of Project phase -2	-	2		50	-	50	3	
4	16SCS44	Evaluation of Project and Viva-Voce	1	-	-	1	100+100	200	10	
		TOTAL	7		6	90	360	450	20	

Elective	
16SCS421	Computer Vision
16SCS422	Business Intelligence and its Applications
16SCS423	Agile Technologies
16SCS424	Wireless Network and Mobile Computing

- 1. Project Phase-1: 6-week duration shall be carried out between 2nd and 3rd Semester vacation. Candidates in consultation with the guide shall carry out literature survey/ visit industries to finalize the topic of Project.
- 2. Project Phase-2: 16-week duration during 4th semester. Evaluation shall be done by the committee constituted comprising of HoD as Chairman, Guide and Senior faculty of the department.
- 3. Project Evaluation: Evaluation shall be taken up at the end of 4th semester. Project work evaluation and Viva-Voce examination shall conducted
- 4. Project evaluation:
 - a. Internal Examiner shall carry out the evaluation for 100 marks.
 - b. External Examiner shall carry out the evaluation for 100 marks.
 - c. The average of marks allotted by the internal and external examiner shall be the final marks of the project evaluation.
 - d. Viva-Voce examination of Project work shall be conducted jointly by Internal and External examiner for 100 marks.

M. Tech. (Computer Science & Engineering)

I Semester

CREDIT	BASED
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Semester		Teac	hing hours/week	Duration of	Mark	s for	Total	
Subject Code	Name of the Subject	Lecture	Practical / Field Work / Assignment	Exam in Hours	LA.	Exam	Total Marks	CREDITS
16SCS11	Advances in Operating Systems	4		3	20	80	100	4
16SCS12	Cloud Computing	4	-	3	20	80	100	4
16SCS13	Advances in Data Base Management System	4		3	20	80	100	4
16SCS14	Probability Statistics and Queuing Theory	4		3	20	80	100	4
16SCS15x	Course Electives – I	3	_	3	20	80	100	3
16SCS16	Operating Systems and ADBMS Laboratory	-	3(2 Hrs lab+ 1 Hr Instruction)	3	20	80	100	2
16SCS17	Seminar	- 🛦		I	100	-	100	1
	Total	20	3	18	220	480	700	22

Course Elec	tives 1	
16SCS151	Advances in Digital Image Processing	
16SCS152	Embedded Computing Systems	
16SCS153	Advances in Storage Area Networks	
16SCS154	Advances in Computer Graphics	

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM SCHEME OF TEACHING AND EXAMINATION FOR

SCHEME OF TEACHING AND EXAMINATION FOR M.Tech. VLSI Design and Embedded Systems

I Semester

CREDIT BASED

		Teaching	hours/week		Mark	s for		
Subject Code	Name of the Subject	Lecture	Practical / Field Work / Assignment/ Tutorials	Duration of Exam in Hours	I.A.	Exam	Total Marks	CREDITS
14ELD11	Advanced Mathematics	4	2	3	50	100	150	4
14EVE12	Digital VLSI Design	4	2	3	50	100	150	4
14EVE13	Advanced Embedded Systems	4	2	3	50	100	150	4
14EVE14	VLSI Process Technology	4	2	/ /3	50	100	150	4
14EVE15X	Elective - 1	4 .	2	3	50	100	150	4
14EVE16	VLSI Design and Embedded System Lab -1	- 1	3	3	25	50	75	2
14EVE17	Seminar on Advanced topics from refereed journals	AF5	3		25	-	25	1
	Total	20	16	18	300	550	850	23

Elective-1:

14 ELD15	Digital System Design using Verilog	14 EVE 154	ASIC Design
14 EVE 15	VLSI Design Automation	14 EVE 155	System Verilog
14 ELD 15	3 Nanoelectronics		

SCHEME OF TEACHING AND EXAMINATION FOR M.Tech. VLSI Design and Embedded Systems

II Semester

CREDIT BASED

		Teachin	g hours/week		Mark	s for		
Subject Code	Name of the Subject	Lecture	Practical / Field Work / Assignment/ Tutorials	Duration of Exam in Hours	I.A.	Exam	Total Marks	CREDITS
14EVE21	Design of Analog and Mixed mode VLSI Circuits	4	2	3	50	100	150	4
14EVE22	Low Power VLSI Design	4	2	3	50	100	150	4
14EVE23	VLSI Testing and Verification	4	2	3	50	100	150	4
14ELD 24 ·	Real Time Operating Systems	4	2	3	50	100	150	4
14EVE25X	Elective-2	4	, 2	3	50	100	150	4
14EVE26	VLSI Design and Embedded System Lab -2	100	3	3	25	50	75	2
14EVE27	Seminar on Advanced topics from refereed journals	1	3	-	25	-	25	1
**Project Phas	se-I(6 week Duration)							7.
	Total	20	16	18	300	550	850	23

Elective-2:

14 EVE 251	VLSI for signal processing	14 EVE 254	CMOS RF Circuit Design
14 EVE 252	High Speed VLSI Design		SOC Design
14 ELD 253	MEMS		

^{**} Between the II Semester and III Semester, after availing a vocation of 2 weeks.

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SCHEME OF TEACHING AND EXAMINATION FOR M.Tech. VLSI Design and Embedded Systems

III Semester: INTERNSHIP#

CREDIT BASED

Course		No. of Hr	s./Week	D	Mark	s for		
Code	Subject	Lecture	Practical / Field Work	Duration of the Exam in Hours	I.A.	Exam	Total Marks	CREDITS
14EVE31	Midterm Presentation on Internship (After 8 weeks from the date of commencement) *		- <	100	25	-	25	4
14EVE32	Report on Internship (After 16 weeks from the date of commencement)		1	JY	75		75	12
14EVE33	Evaluation and Viva-voce	6	\U-J	3	_	50	50	4
	Total	017	-	-	100	50	150	20

^{*} The student shall make a midterm presentation of the activities undertaken during the first 8 weeks of internship to a panel comprising Internship Guide, a senior faculty from the department and Head of the Department.

The College shall facilitate and monitor the student internship program. The internship report of each student shall be submitted to the University.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM SCHEME OF TEACHING AND EXAMINATION FOR

SCHEME OF TEACHING AND EXAMINATION FOR M.TECH. VLSI Design and Embedded Systems

IV Semester

CREDIT BASED

		No. of H	rs./Week		Mark	s for		
Subject Code	Subject	Lecture	Practical / Field Work / Assignment/ Tutorials	Duration of Exam in Hours	I.A.	Exam	Total Marks	CREDITS
14EVE41	Synthesis and Optimization of Digital Circuits	4	2	4	Or a			
14EVE42X	Elective-3	4	2	100				
14EVE43	Evaluation of Project Phase-I	<u>-</u>	-) K	25	-	25	1
14EVE44	Phase-II: Midterm evaluation of Project #		. 11	-	25	-	25	1
14EVE45	Evaluation of Project Work and Viva-voce	c	1, V-J	3	-	100+100	200	18
	Total	8	04	09	150	400	550	28
Grand Tot					Sem.): 240	0 Marks; 94	4 Credits	-

Elective-3:

14 EVE 421	Advances in VLSI Design	14 EVE 424	Advanced Computer Architecture
14 ELD 422	Image and Video Processing	14 EVE 425	Reconfigurable Computing
14 FSP 423	Modern DSP		7 1 5

SCHEME OF TEACHING AND EXAMINATION M.Tech in VLSI DESIGN AND EMBEDDED SYSTEMS

I SEMESTER

	Subject Code		Teaching Hours / Week		Examination				
SI. No		Title	Theory	Practical/Fi eld Work/ Assignment	Dura tion	I.A. Marks	Theory/ Practical Marks	Total Marks	Credit
1	16ELD11	Advanced Engineering Mathematics	4	-	3	20	80	100	4
2	16EVE12	Digital VLSI Design	4	-	3	20	80	100	4
3	16EVE13	Advanced Embedded System	4	-	3	20	80	100	4
4	16EVE14	Low Power VLSI Design	4	-	3	20	80	100	4
5	16EXX15X	Elective-1 ·	3	-	3	20	80	100	3
6	16EVEL16	VLSI and ES Lab -1		3	3	20	80	100	2
7	16EVE17	Seminar on advanced topics from refereed journals	-	3	-	100	-	100	1
		TOTAL	19	6	18	220	480	700	22

Elective -1	
16 EVE151	Digital System Design Using Verilog
16 EVE152	Nanoelectronics
16 EVE153	ASIC Design
16 ELD154	Advanced Computer Architecture

M.Tech in VLSI DESIGN AND EMBEDDED SYSTEMS

II SEMESTER

			Teaching	Hours/Week		Exa	mination		Credit
Sl. No	Subject Code	Title	Theory	Practical/Fi eld Work/ Assignment	Dura tion	I.A. Marks	Theory/ Practical Marks	Total Marks	
1	16EVE21	Design of Analog and Mixed mode VLSI Circuits	4	-	3	20	80	100	4
2	16EVE22	VLSI Testing	4	-	3	20	80	100	4
3	16EVE23	Advances in VLSI Design	4	-	3	20	80	100	4
4	16EVE24	Real Time Operating System	4	-	3	20	80	100	4
5	16EXX25X	Elective –2	3	-	3	20	80	100	3
6	16EVEL26	VLSI and ES Lab -2		3	3	20	80	100	2
7	16EVE27	Seminar on Advanced topics from refereed journals	-	3	-	100	-	100	1
		TOTAL	19	6	18	220	480	700	22

Elective -2		
16EVE251	System Verilog	
16EVE252	VLSI Design for Signal processing	
16ELD253	Micro Electro Mechanical Systems	
16EVE254	SoC Design	

M.Tech in VLSI DESIGN AND EMBEDDED SYSTEMS

III SEMESTER: Internship

			Teaching Hours /Week			Credit			
SI. No	Subject Code	Title	Theory	Practical/Fi eld Work/ Assignment	Dura tion	I.A. Marks	Theory/ Practical Marks	Total Marks	
1	16EVE31	Seminar / Presentation on Internship (After 8 weeks from the date of commencement)		-	-	25	-	25	
2	16EVE32	Report on Internship	-	-	-	25	-	25	20
3	16EVE33	Evaluation and Viva-Voce of Internship	-		-	•	50	50	
4	16EVE34	Evaluation of Project phase -1		-	-	50	-	50	1
		TOTAL	-		-	100	50	150	21

M.Tech. in VLSI DESIGN AND EMBEDDED SYSTEMS

IV SEMESTER

	Subject Code		Teaching Hours / Week		Examination				Credit
SI. No		Title	Theory	Practical/Fi eld Work/ Assignment	Dura tion	I.A. Marks	Theory/ Practical Marks	Total Marks	
1	16ELD41	Synthesis and Optimization of Digital Circuits	4	<u>-</u>	3	20	80	100	4
2	16EXX42X	Elective-3	3		3	20	80	100	3
3	16EVE43	Evaluation of Project phase -2	-	-	-	50	-	50	3
4	16EVE44	Evaluation of Project and Viva-Voce	-	-	-	-	100+100	200	10
		TOTAL	-	-	6	90	360	450	20

Elective -3	
16EVE421	CMOS RF Circuit Design
16ECS422	Advances in Image Processing
16EVE423	High Speed VLSI Design
16ELD424	Reconfigurable Computing

Note:

- 1. Project Phase-1: 6-week duration shall be carried out between 2nd and 3rd Semester vacation. Candidates in consultation with the guide shall carry out literature survey/ visit industries to finalize the topic of Project.
- 2. Project Phase-2: 16-week duration during 4th semester. Evaluation shall be done by the committee constituted comprising of HoD as Chairman, Guide and Senior faculty of the department
- 3. Project Evaluation: Evaluation shall be taken up at the end of 4d semester. Project work evaluation and Viva-Voce examination shall be conducted.
 - a. Internal Examiner shall carry out the evaluation for 100 marks.
 - b. External Examiner shall carry out the evaluation for 100 marks.
 - c .The average of marks allotted by the internal and external examiner shall be the final marks of the project evaluation.
 - d. Viva-Voce examination of Project work shall be conducted jointly by Internal and External examiner for 100 marks.

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Bangalore-560 057

Note:

- 1) Project Phase I: 6 weeks duration shall be carried out between II and III Semesters. Candidates in consultation with the guides shall carryout literature survey / visit to Industries to finalize the topic of dissertation.
- 2) Project Phase II: 16 weeks duration during III Semester. Evaluation shall be taken during the Second week of the IV Semester. Total Marks shall be 25.
- 3) Project Evaluation: 24 weeks duration in IV Semester. Project Work Evaluation shall be taken up at the end of the IV Semester. Project Work Evaluation and Viva-Voce Examinations shall be conducted. Total Marks shall be 250 (Phase I Evaluation: 25 Marks, Phase –II Evaluation: 25 Marks, Project Evaluation marks by Internal Examiner (guide): 50, Project Evaluation marks by External Examiner: 50, marks for external and 100 for viva-voce).

Marks of Evaluation of Project:

- The I.A. Marks of Project Phase I & II shall be sent to the University along with Project Work report at the end of the Semester.
- 4) During the final viva, students have to submit all the reports.
- 5) The Project Valuation and Viva-Voce will be conducted by a committee consisting of the following:
 - a) Head of the Department (Chairman)
 - b) Guide
 - c) Two Examiners appointed by the university. (Out of two external examiners at least one should be present).

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