

5th Sem

WLS Gogte Institute of Technology, Bengaluru
Department of Computer Science and Engineering

- Agenda:** 1. Orientation of CIE components and SEE Pattern of 5th Sem subjects of 2022 Scheme and Syllabus.
 2. Any matter with permission of chair.

Subject Code	Subject Name	L-T-P	CIE Components				SEE		
			Addition of two IA tests	Two Assignments – (Open /Industry/Certification etc)	Course project (CP)/ Case study etc	Total Marks			
22CS51	Software Project Management	3-0-0	30+30 = 60	10 + 10 = 20	20 marks (with report & presentation)	100	100 Marks QP for 3 hours	Minimum marks required in SEE to pass: Score should be > 35%, however overall score of CIE + SEE should be >= 40%	Question paper contains 3 parts - A, B & C, wherein students have to answer any 5 out of 7 questions in part A, 5 out of 10 questions choosing 1 question from each unit in part B & 1 out of 2 questions in part C.
			<ol style="list-style-type: none"> 1. Certification earned by passing the standard Online MOOCs course (1 course of atleast 8 hours defined by BOS) can be considered as a Course activity and awarded maximum of 10 marks. 2. Student should score minimum 40% of 60 marks (i.e. 24 marks) in IA tests. 3. Lack of minimum score in IA test will make the student Not Eligible for SEE 4. Minimum score in CIE to be eligible for SEE: 40 OUT OF 100. 						

Subject Code	Subject Name	L-T-P	CIE Components				SEE				
			THEORY (60 marks)	LAB (40 marks)							
			Addition of two IA tests	Conduction	Lab Test	Total Marks					
22CS52	Formal Languages and Automata Theory	3-0-2	30+30 = 60	10	30	100	100 Marks QP for 3 hours	Minimum marks required in SEE to pass: Score should be > 35%, however overall score of CIE + SEE should be >=40%	Question paper contains 3 parts - A,B & C, wherein students have to answer any 5 out of 7 questions in part A, 5 out of 10 questions choosing 1 question from each unit in part B & 1 out of 2 questions in part C.		
			Conduct of Lab: 1. a. Conducting the experiment and journal: 5 marks b. Calculations, results, graph, conclusion and Outcome: 5 marks 2. The Assignment (Certification), open ended experiment or a course project will be conducted for 10 marks & the Average of both components will be taken to award 10 marks.								
			Lab test: (Batch wise with 15 students/batch) 1. Test will be conducted at the end of the semester 2. Time table, Batch details and examiners will be declared by Exam section 3. Conducting the experiment and writing report: 5 marks 4. Calculations, results, graph and conclusion: 15 marks 5. Viva voce: 10 marks								
			Eligibility for SEE: 1. 40% and above (24 marks and above) in theory component (No change) 2. Student should score minimum 40% of 30 marks (i.e. 12 marks) in Lab test & should score 40% of 40 marks (i.e. 16 marks) in Total. 3. Lab test is COMPULSORY 4. Not eligible in any one of the two components will make the student Not Eligible for SEE.								

Subject Code	Subject Name	L-T-P	CIE Components				SEE		
22CS53	Micro-Controllers and Embedded Systems	4-0-0	Addition of two IA tests	Two Assignments – (Open /Industry/Certification etc)	Course project (CP)	Total Marks			
			30+30 = 60	10 + 10 = 20	20 marks (with report & presentation)	100	100 Marks QP for 3 hours	Minimum marks required in SEE to pass: Score should be > 35%, however overall score of CIE + SEE should be >= 40%	Question paper contains 3 parts - A,B & C, wherein students have to answer any 5 out of 7 questions in part A, 5 out of 10 questions choosing 1 question from each unit in part B & 1 out of 2 questions in part C.
			<ol style="list-style-type: none"> 1. Certification earned by passing the standard Online MOOCs course (1 course of atleast 8 hours defined by BOS) can be considered as a Course activity and awarded maximum of 10 marks. 2. Student should score minimum 40% of 60 marks (i.e. 24 marks) in IA tests. 3. Lack of minimum score in IA test will make the student Not Eligible for SEE 4. Minimum score in CIE to be eligible for SEE: 40 OUT OF 100. 						

Subject Code	Subject Name	L-T-P	CIE Components					SEE		
			THEORY (40 Marks)		PROJECT (60 Marks)					
			IA test (Theory)	IA test (Lab)	Project Phase 1	Project Phase 2	Project report	Total Marks		
22CS543	Advanced Java	2-0-2	25 marks	15 marks	25 marks	25 marks	10 marks	100	100 Marks for 3 hours	
									Lab Open ended program/problem/experiment Write-up & execution (1 open ended expt)- (20 marks write-up + 20 marks algorithm/flowchart + 10 marks execution)	50 marks
22CS544	Robotic Process Automation (Industry Supported Elective)		<ol style="list-style-type: none"> Theory IA test should be of one-hour duration. Lab IA test should be of two/three-hour duration. Project batch will ideally consist of 2 students (maximum of 3). Project <ul style="list-style-type: none"> Phase 1 presentation will be conducted after 6 weeks. Phase 2 presentation will be conducted after 13 weeks from the start of the semester. Submitting Project report is compulsory. <p>Eligibility for SEE:</p> <ol style="list-style-type: none"> 40% and above (16 marks and above) in theory component 40% and above (24 marks and above) in project component Not eligible in any one of the two components will make the student Not Eligible for SEE 	Project evaluation Initial write up stating the objectives, methodology and the outcome	10 marks					
									Hardware project: Exhibiting and demonstration of working of project. Software project: Demonstration of the programming capabilities by writing flowchart, algorithm and codes related to a section of the project.	30 marks
									Viva-voce	10 marks
									<ol style="list-style-type: none"> Minimum marks required in SEE to pass: Score should be $\geq 35\%$, however overall score of CIE + SEE should be $\geq 40\%$. SEE will be conducted in project batches by Internal & External examiners together. 	

Subject Code	Subject Name	L-T-P	CIE Components				SEE		
22CS545	Data Warehousing and Data Mining	3-0-0	Addition of two IA tests	Two Assignments – (Open /Industry/Certification etc)	Course project (CP)	Total Marks			
			30+30 = 60	10 + 10 = 20	20 marks (with report & presentation)	100	100 Marks QP for 3 hours	Minimum marks required in SEE to pass: Score should be > 35%, however overall score of CIE + SEE should be >= 40%	Question paper contains 3 parts - A,B & C, wherein students have to answer any 5 out of 7 questions in part A, 5 out of 10 questions choosing 1 question from each unit in part B & 1 out of 2 questions in part C.
			<ol style="list-style-type: none"> 1. Certification earned by passing the standard Online MOOCs course (1 course of atleast 8 hours defined by BOS) can be considered as a Course activity and awarded maximum of 10 marks. 2. Student should score minimum 40% of 60 marks (i.e. 24 marks) in IA tests. 3. Lack of minimum score in IA test will make the student Not Eligible for SEE 4. Minimum score in CIE to be eligible for SEE: 40 OUT OF 100. 						

Subject Code	Subject Name	L-T-P	CIE Components	CIE	SEE
22CS55	Research Based Mini Project	0-0-4	Eligibility of Passing: 40 Marks out of 100 Marks	100 Marks	NO SEE

Subject Code	Subject Name	L-T-P	CIE Components				SEE		
22CS58A	Environmental Studies	2-0-0	Addition of two IA tests	Two Assignments – (Open /Industry/Certification etc)	Course project (CP)	Total Marks			
22AECCS56	Research Methodology and Intellectual Property Rights		30+30 = 60	10 + 10 = 20	20 marks (with report & presentation)	100	100 Marks QP for 3 hours	Minimum marks required in SEE to pass: Score should be > 35%, however overall score of CIE + SEE should be >= 40%	Question paper contains 3 parts - A,B & C, wherein students have to answer any 5 out of 7 questions in part A, 5 out of 10 questions choosing 1 question from each unit in part B & 1 out of 2 questions in part C.
			<ol style="list-style-type: none"> 1. Certification earned by passing the standard Online MOOCs course (1 course of atleast 8 hours defined by BOS) can be considered as a Course activity and awarded maximum of 10 marks. 2. Student should score minimum 40% of 60 marks (i.e. 24 marks) in IA tests. 3. Lack of minimum score in IA test will make the student Not Eligible for SEE 4. Minimum score in CIE to be eligible for SEE: 40 OUT OF 100. 						

Subject Code	Subject Name	L-T-P	CIE Components				SEE		
22AECCS57	Employability Skills- I	1-0-0	Addition of two IA tests	Online Quiz	Addition of two Assignments	Total Marks			
			30+30 = 60	10 + 10 = 20	20 marks	100			
			<ol style="list-style-type: none"> 1. Writing 2 IA tests are compulsory 2. -Student should score minimum 40% of 100 marks to pass the course. Lack of minimum score in IA test will make the student Not Eligible for SEE 3. Minimum score in CIE to be eligible for SEE: 40 OUT OF 100. 				NO SEE		

Subject Code	Subject Name	L-T-P	CIE Components	CIE	SEE
22CS58B1	National Service Scheme(NSS)	0-0-2	Activities 1. Students must maintain the diary of the activities conducted. 2. The activities can be conducted in groups/batches. 3. Faculty members can design the evaluation system wherein weightage can be given to presentation of activities conducted & report writing. Eligibility of Passing: 40 Marks out of 100 Marks	100 Marks	NO SEE
22CS58B2	Physical Education(PE)(Sports and Athletics) and Yoga				
22CS58B3	Clubs- Social, Cultural & Academic				

Subject Code	Subject Name	L-T-P	CIE Components					SEE		
22CSL59	Micro-Controllers and Embedded Systems Laboratory	0-0-2	Conduction of experiments & viva-voce	Journal	Lab project/ Open ended experiment	Lab Test	Total	50 Marks for 3 hours		
								1.It will be conducted for 50 marks of 2/3 hours duration.		
			20 marks	5 marks	10 marks	15 marks	50 marks	2.Minimum marks required in SEE to pass: Score should be $\geq 35\%$, however overall score of CIE+SEE should be $\geq 40\%$.		
			Conduct of Lab: 1. Conduction of the experiment: 15 marks + Viva voce: 5 marks = 20 marks 2. Calculations, results, graph, conclusion and Outcome recorded in Journal: 5 marks 3. Lab project/ Open ended experiment: 10 marks 4. Lab Test: 15 marks Eligibility for SEE: 1. 40% and above (20 marks and above) 2. Lab test is COMPULSORY					3.One or Two experiments to be conducted.		
								4.Minimum marks required in SEE to pass: 20 out of 50		
								Initial write up	10 marks	
								Conduct of experiments, results and conclusion	20 marks	50 marks
			One mark question	10 marks						
Viva- voce	10 marks									
					5.Viva-voce shall be conducted for individual student and not in a group.					

Minute of Meeting

1. All PLC subjects is having Lab Test (15 Marks) and Components Weightage are as follows: Journal (5 Marks) and MCQ/Descriptive questions:10 Marks
2. All AEC subjects CIE components are mapped according to syllabus in Master soft.
3. For all lab exams, in case of Change of Questions, 10% of the total CIE marks of lab can be deducted.

VJP- Q = RPA KD4 kg Dmdw NMM in FDFL PMP Adu Java PKK Q Pnk Q SSK Q	AGES, Lab & Theory					
Faculty Handling 5 th Semester		SIMS Coordinator	IA Committee	BOE Committee	BOS Committee	HOD ,CSE

Head of the Department
 Computer Science & Engineering
 KLS Gogte Institute of Technology
 Udyambag, Belagavi-590 008
 Karnataka, India