COURSE NAME

Name of the Department

VERSION-3

FACULTY NAME
Designation

Course File Index

Anurag Group of Institutions
An Autonomous Institution
(Formerly CVSR College of Engineering)
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Department of Computer Science and Engineering

Course Name :

Course Number :

Course Designation :

Credits :

Prerequisites :

Class/Academic year

ame of Faculty	Academic Year/Regulation	Version No
Faculty Name	R09	1
Faculty Name	R12	2
Faculty Name	R14	2
Faculty Name	R15	3

Faculty Name
Designation
Course Coordinator

SYLLABUS

Unit – I	
Unit – II	
Unit – III	
Unit – IV	
Unit – V	

Text Books	
1.	
2.	
Reference Books	
1.	
2.	
3.	

Websites References	

Programme Outcomes (PO's)

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling to complex engineering activities, with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Blooms Taxonomy Direct

Level No	Level of Thinking	Description	Action Verb's
Level 1	**Remembering**	Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers.	List Describe write
Level 2	**Understanding**	Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas.	Explain Interpret Outline
Level 3	**Applying**	Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	Apply Calculate Solve
Level 4	**Analyzing**	Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations.	Analyze Compare/Contrast Examine
Level 5	**Evaluating**	Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria.	Determine Optimize Evaluate
Level 6	**Creating**	Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.	Formulate Design Create

Course Outcomes:

MAPPING OF COURSE OUT COMES WITH PO's & PEO's

Course Outcomes	PO's	PEO's
CO1		
CO2		
CO3		
CO4		
CO5		

Articulation matrix of Course outcomes with PO's &PSO's

	Program Outcome's												Program Specific Outcome's		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
CO 1															
CO 2															
CO 3															
CO 4															
CO 5															

Teaching Plan:

S. No.	Topic	No of Lecture Hours	Blooms Taxonomy Levels
UNIT-I			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
UNIT-II			
1			
2			
3			
4			
5			
6			
7			
8			
UNIT-III			
1			
2			

3			
4			
5			
6			
7			
8			
9			
10			
UNIT-IV			
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
UNIT-V			
1			
2			
3			
4			
5			
6			
7			
8			
Total Contact Classes for Syllabus Coverage :			

Minutes of Course Review Meeting

Details of Meeting No -	
Date of Meeting	
Member's Present	
Signature of Member's	
Remarks	
Details of Meeting No -	
Date of Meeting	
Member's Present	
Signature of Member's	
Remarks	
Details of Meeting No -	
Date of Meeting	
Member's Present	
Signature of Member's	
Remarks	

Case Study (With Higher Levels of thinking – Blooms Taxonomy)

Sample Question papers

Course Assessment Report

Batch:

Academic Year/Sem:

Course Name:

Course Number:

Course Attainment (75% of Direct + 25% of Indirect) on a scale of 1 to 3.

Remarks and suggestions:

Course Coordinator

Direct Course Assessment Sheet

a) Internal Examination

Course assessment sheet Ass1

Hall Ticket No	S1	S2	TOT
1			
2			
3			

Course assessment sheet Mid1

Hall Ticket No	S1	S2	S3	S4	S5	L1	L2	L3	L4	L5	TOT
1											
2											
3											

Course assessment sheet Ass2

Hall Ticket No	S1	S2	TOT
1			
2			
3			

Course assessment sheet Mid2

Hall Ticket No	S1	S2	S3	S4	S5	L1	L2	L3	L4	L5	TOT
1											
2											
3											

b) External Examination

Hall Ticket No	Total Marks

Indirect Course Assessment Sheet

Tools:

a) Case Study

S.No.	Hall Ticket Number	Rubric Assessment
1		
2		
3		

b) Course End Survey Report

Add-ons (Guest Lecture/Video Lecture/Certification/Training Program/Poster Presentation…. etc.)

Unit Wise PPT's & Lecture Notes

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