

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIVE TEACHING METHODOLOGIES

DKO

ACADEMIC YEAR 2023-2024 I SEMESTER

2023-24(ODD)

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S.NO	SUBJECT	FACULTY NAME	METHODOLOGY
1	DATA MINING	N. MOUNIKA	GROUP MIND MAPPING
2	CRYPTOGRAPHY AND NETWORK SECURITY	K MOUNIKA	FLIPPED CLASSROOM
3	PYTHON PROGRAMMING	K. RAMYA LAKSHMI	SELF LARNING ENCOURAGEMENT
4	COMPUTER NETWORKS	P.SRILATHA	ICT TOOL
6	WEB TECHNOLOGIES	P. ARCHANA	PROJECT BASED LEARNING
7	DATABASE MANAGEMENT SYSTEMS	V.SWATHI	FISH BOWL
8	INFORMATION RETRIEVAL SYSTEMS	A. DIVYA	QUIZ ASSESSMENT
9	FLAT	DR. U.M. FERNANDEOUS DIMLO	ROLE PLAY





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Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet

Academic Venri2023-24

Date: 28 17/23

Innovative Teaching Method applied: Group Mind Mapping

Name of the Instructor/Faculty: M. M.Oum/Fa

Year & Semester: IV & 1

Section: C

Name of the Subject (Data Mining

No. of participants:52

Observations/Comments:

1. The students are divided into groups where group size is 4.

2. The Students are given 30 minutes time to think on KDD techniques.

3. The teams are instructed to map the thoughts on paper by collaborating with entire team in a

span of 30 minutes.

4. Members in the team are actively participated and represent their ideas visually, 5. This strategy stimulates thought process, to break down concepts, to link concepts to get entire picture,









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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year: 2023-04

Semester: TY-2

Faculty Name:

Section: C

Faculty Name: N. Mounica Subject and Topic: Data Mining / KDD dachnsaves Methodology: Group Mind Mopping

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60	21VE5A0515	EMBADI SAI VINEETH	1	Sai Vineeth
61	21VE5A0516	KONDAM MADHAVENDRA GOUD	- ABSENT	
62	21VE5A0517	MOHAMMAD ANUSS PASHA	1	MD. Anna Pasha-
63	21VE5A0518	RAMAGALA NAVEEN KUMAR	1	Navenkyman R

Total Number of Students: 63 Number of Students Present: 52 Number of Students Absent: 9

Signature of the Faculty

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS Please fill out this feedback form so we can ensure quality methodologies in teaching and learning process DATE NAME OF THE EXPERT 5110124 EMAIL ID Unies parsumma a grey as Jarcanne 12 agesment acin POOR Innovative Method: FAIR GOOD EXCELLENT Parameters/Ratings How would you rate this innovative method? How satisfied were you with the clear goals? How satisfied were you with appropriate usage? How satisfied were you with implementation? How satisfied were you with Outcomes? How satisfied were you with the timeliness? Would you recommend our innovative method to ALS NO teaching method Others? Please provide any additional comments or this Harrasnessa suggestions.

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INSTITUTE OF ENGINEERIN	VG AND TECHNOLOGY
DEPARTMENT OF COMPUTER S	SCIENCE AND ENGINEERING
INNOVATIONS BY THE FACULTY	IN TEACHING & LEARNING
STUDENTS FEED BACK ANALYSIS REI	PORT & ACTION TAKEN REPORT
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ethodology: Group mind mapping	ng.
otal number of students $: 63$	
umber of students present : 52	
umber of students absent : 9	
laximum Score :	
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esult of Satisfactory: Excellent/ Very Good/ Good	/ Satisfactory/Not Satisfactory
evels of Satisfactory: <50% = Not Satisfactory; >5 70 to <80% = Very Good: & >80 to <100= Excellent	50 to <60% = Satisfactory; >60 to <70% = Good;
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(Approved by /	SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY NICTE, New Delhi Affiliated to JNTUH, Hyderabad Accredited by NAAC)Hyderabad PIN: 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
	INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING EXPERT REVIEW ANALYSIS & ACTION TAKEN REPORT
Academic Year	: 2023-24 Year: TV Semester: + Section: C
Faculty Name:	N. Mount Eq Subject & Topic: Dm & KDD
Methodology:	Group mind mapping Analysis Report Over Experts
Expert Reviev	r 1: Observations:
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Expert Review	2: Observations:
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Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet

Academic Year:2024-25 Innovative Teaching Method applied: Flipped Classroom Name of the Instructor/Faculty: Dr A. Riddom Head Kurnan Year & Semester: III & I Name of the Subject & Topic: Design and Analysis Of Algorithms No. of participants:48

Observations/ Comments:

1. Students are asked to learn from video lecture.

2. The Greedy Approach and Divide and Conquer approaches are assigned to prepare.

3. The students are encouraged to discuss with counterparts and faculty.

4. The Greedy and Divide and Conquer approaches are completed by the students including

complexity analysis.

5. Finally the selected students are given chance to demonstrate to the class.

6. This method emphasis on student centric learning and students has control over their plan to

learn.

Instructor/Faculty

BALTH ALANYA NASON HIR. - 065.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year: 2024 - 25 Faculty Name: Dr. A Reprosent following Subject and Topic: DAA - Algorithms Methodology: WPPed Jawson

Semester: D - 9

Section: D

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	Total Number of St	udents:	63			~
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	Number of Studen	s Absent	: 14			1.1.1
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

Please fill out this feedback form so we can ensure quality methodologies in teaching and learning process

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Please provide any additional commen suggestions.	its or	algo	ith m si	to imp	& e



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EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

Please fill out this	feedback form se and	we can ensure of tlearning proces	quality mothod s	ologios in teac	hing
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DEFAIL	VIEW OF COMPUTER SCIENCE AND ENGINEERING
INNOVAT	IONS BY THE FACULTY IN TEACHING & LEARNING IS FEED BACK ANALYSIS REPORT & ACTION TAKEN REPORT
cademic Year: 2014-28	Year: D Semester: D Section: D
aculty Name: DX . A' Rð	Subject & Topic: OAA
lethodology: Flipped	classoon
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Number of students present	: 46
Number of students absent	: 1H
Maximum Score	* *
Obtained Score	: 884
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Result of Satisfactory: Exc	ellent/ Very Good/ Good/ Satisfactory/Not Satisfactory ellent/ Very Good/ Good/ Satisfactory; >60 to <70% = Good;
Result of Satisfactory: Exc Levels of Satisfactory: <50	ellent/ Very Good/ Good/ Satisfactory/Not Satisfactory % = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; & >80 to <100= Excellent
Result of Satisfactory: Exc Levels of Satisfactory: <50 >70 to <80% = Very Good; &	ellent/ Very Good/ Good/ Satisfactory/Not Satisfactory % = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; & >80 to <100 = Excellent
Result of Satisfactory: Exc Levels of Satisfactory: <50 >70 to <80% = Very Good; & Analysis Report:	ellent/ Very Good/ Good/ Satisfactory/Not Satisfactory % = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; & >80 to <100 = Excellent
Result of Satisfactory: Exe Levels of Satisfactory: <50 >70 to <80% = Very Good; & Analysis Report: 1. Ab the Stu	ellent/Very Good/Good/Satisfactory/Not Satisfactory % = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; & >80 to <100 = Excellent dentes given encellent feedback,
Result of Satisfactory: Exc Levels of Satisfactory: <50 >70 to <80% = Very Good; & Analysis Report: 1. 2. C Lethe ato	ellent/Very Good/Good/Satisfactory/Not Satisfactory % = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; & >80 to <100 = Excellent dents given encellent feedback, and very much intrested in this
Result of Satisfactory: Exc Levels of Satisfactory: <50 >70 to <80% = Very Good; & Analysis Report: 1. 2. 3. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4	ellent/Very Good/Good/Satisfactory/Not Satisfactory % = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; & >80 to <100 = Excellent dents given encellent feedback, are very much intrested in this
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INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to INTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068

Section : C

Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet

Academic Year:2023-24

2619123 Date :

Innovative Teaching Method applied: Self Learning Encouragement in online mode

Name of the Instructor/Faculty: 2. Ramgalox mi Year & Semester: 11 & 1

Name of the Subject: Python Programming.

No. of participants 63

Observations/Comments:

1. The groups are formed with 2 slow learners,2 medium learners and 1 fast learner.

2. Each group was assigned with different datasets for insertion, modification and deletion of the elements using arrays and vectors.

3. For brainstorming 30 minutes time was allotted.

4. Each group was given clear idea about functionality of each dataset.

5. Every team presented their work and cleared queries.

6. Students got idea of working in team, communicating with others and knowledge sharing.

Instructor/Faculty

SREYAS INSTICUE Beside Indu Aranya, Nagole, Hyd. - 068.







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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year:	2023-21	1	Semester: 1	-1
Faculty Name:	K. Ramyo	Lalchmi	8	
Subject and Top	ic: python	prograv	mmi ng	
Methodology: C	·01 100	Sul in	C ANUMATIN	-le

Section: C

mming Encouragement -

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27	22VE1A05F5	KARTHIK VAJJHA	4	B
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35	22VE1A05G5	MOHAMMED AFFAN	1	A-
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37	22VE1A05G7	NADUKUDA TANVITHA	3	P

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Total Number of Students: 70 Number of Students Present: 59 Number of Students Absent: 1)

Signature of the Faculty

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Sreyas Institute of Engineering and Technology (Approved by AICTE, New Delhi | Affiliated to INTUH, Hyderabad | Accredited by NAAC) DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

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practice students



Sreyas Institute of Engineering and Technology (Approved by AICTE, New Delhi | Affiliated to INTUH, Hyderabad | Accredited by NAAC) DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

Please fill out this feedback form so we can ensure quality methodologies in teaching and learning process

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Please fill out this f	eedback form s ar	o we can ensure o d learning proces	quality method s	ologies in teac	hing
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CREVAC INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING STUDENTS FEED BACK ANALYSIS REPORT & ACTION TAKEN REPORT Academic Year: 2023-24 Year: II Semester: 2 Section: C Faculty Name: K. Rannya Lakthing Subject & Topic: Python _ Provoys, Verting Methodology: Colle Landing Sells Learning Methodology: Total number of students : 70 Number of students present : 59 11 Number of students absent : : Maximum Score **Obtained Score** : 89% % of Satisfactory Result of Satisfactory: Excellent/ Very Good/ Good/ Satisfactory/Not Satisfactory Levels of Satisfactory: <50% = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; >70 to <80% = Very Good; & >80 to <100= Excellent 1. The students are very much intrested in the MOST of the students gave positive feedback 2. typic 3. Increases the creativity, will plan for more Action Taken Report: Censions

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Approved by AICTE, New Delhi	Affiliated to WEERING AND TECHNOLOGY
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet

Date: 18 10 23

Academic Year: 2023-2024

Innovative Teaching Method applied: ICT TOOL p. srelatha Name of the Instructor/Faculty:

Year & Semester: III & I

Name of the Subject : COMPUTER NETWORKS

No. of participants: 70

OBSERVATIONS/COMMENTS:

1. The ICT tools are used as a teaching Methodology

2. Web-based LMS tools link teachers, students, researchers, and scholars and education together.

3. The ICT tools help to understand the concepts easily and to learn new teaching techniques.

4. The tools like the Google Classroom, E-learning Contents make the teaching very effective.

Students understood the concepts and felt lively with the execution of the programs.

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D Section:





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year: 2023-2024	Semester: T
Faculty Name: P. Solatha	Section: D
Subject and Topic: Computer Networks, Routin	Algorithms
Methodology: ICT Tool	00

S.NO.	ROLL.NO	STUDENT NAME	SATISFACTOR Y LEVEL(1,2,3,4,5)	SIGNATUR E
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62	21VE1A05R7	YANALA SINDHU	1	Sinothe
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68	22VE5A0525	SHAIK FAYAZ BABA	4	shitgupt
69	22VE5A0526	SYREDDY SUKRUTHA	2_	Aronny
-	22VE5A0527	VANAM PRANAY SAI	1	Rousei

Total Number of Students: 70 Number of Students Present: 65 Number of Students Absent: 05

Signature of the Faculty

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Sreyas Institute of Engineering and Technology

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

Please fill out this fee	edback form s ar	to we can ensure of ad learning proces	quality method s	lologies in teac	hing
EMAIL ID	NAME OF THE EXPERT			DATE	
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Indovative Method: 10	TOOL	and the second second	- 111		
Parameters/Ratings	195 - 19	EXCELLENT	GOOD	FAIR	POOR
How would you rate this innovative method?		V			
How satisfied were you with the clear goals?			V		
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How satisfied were you with Outcom	nes?	A CONTRACTOR	V	-	
How satisfied were you with the time	eliness?	A CONTRACTOR OF A		~	
Would you recommend our innovative method to Others?		YES INO			
Please provide any additional comm suggestions.	motivale 1 to continue	tudents an	heir Jobi	well.	





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Please fill out this feedbac	k form so v and	we can ensure qu learning process	uality method	ologies in teach	ing
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How satisfied were you with implementation	tion?		~		-
How satisfied were you with Outcomes?	G		~	1	
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Would you recommend our innovative method to Others?		YES NO			
Please provide any additional comments or suggestions.		Make time f	or brainsto s	rming cessio	ns in

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o.	dactory: Excellent / V	ery Good/ Good	V Satisfactory/	Not Satisfactory	
Action Taken	Report: be use	a onlin	le.		
ANI L Coordinator				EREY: Beside Inc.	
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ا (Approved by AICTE, New Delhi DEPARTM	SR NSTITUTE OF ENGINEERING Affiliated to JNTUH, Hyder ENT OF COMPUTER SC	EYAS G AND TECHNOLOGY abad Accredited by NAAC)Hy CIENCE AND ENGINEERIN	/derabad PIN: 500068
INNOVATIO	INS BY THE FACULTY I	N TEACHING & LEARNIN ORT & ACTION TAKEN REPORT	G
Academic Year: 2023-24. Faculty Name: P. Svilat Methodology: Ic7 Total number of students Number of students present	Year: II Sea Subject & Tool : 70 : 65	Semester: <u>P</u> Topic: CNE Routine	Section: D algorithm,
Number of students absent Maximum Score	: 5		
Obtained Score	: - <u>83</u> %		
Result of Satisfactory: Exce	:	Satisfactory/Not Satisfacto	iry
Levels of Satisfactory: <50% >70 to <80% = Very Good; &	% = Not Satisfactory; >5 >80 to <100= Excellent	0 to <60% = Satisfactory; >	60 to <70% = Good;
N N N N N			

Analysis Report: 1. Students participated enthusiodically 2. MOR of the students gave positive feedback. 1. 3. Action Taken Report: implemented. Coordinator HOD-CST EREYAS INSTITUTE OF ENGE. & TECH. Beside Indu Aranya, Nagole, Hyd. - 068.

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INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet

Academic Year: 2023-24

Date: 19/12/2023

Innovative Teaching Method applied: FLIPPED CLASSROOM

Name of the Instructor/Faculty: B Station K. mounica .

Year & Semester: IV & I Section: Name of the Subject : CRYPTOGRAPHY AND NETWORK SECURITY No. of participants: 62

OBSERVATIONS/ COMMENTS:

1. Students are asked to learn from video lecture.

2. The different data sets are provided to analyze the data in the form of Data Models

3. The students are encouraged to discuss with counterparts and faculty.

4. The Architecture was completed by the students including complexity analysis.

5. Finally the selected students are given chance to demonstrate to the class.

This method emphasis on student centric learning and students has control over their plan to learn.

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aculty Instr

SREYAS INSTITUTE OF ENGG. & TEC Beside Indu Aranya, Nagole, Hyd. - 065





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		INSTITUTE OF ENGINEERING AND TECHNOL New Delhi I Affiliated to INTUH, Hyderabad I Accredite	.OGY ed by NAACIHyderabad 1	PIN: 500068
	DEP	ARTMENT OF COMPUTER SCIENCE AND	ENGINEERING	
		Student Attendance and Feedback	Report	
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Fac	culty Name: K	, mouni ba	Section:	the Company
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Total Number of Students: 63 Number of Students Present: 58 Number of Students Absent: 05





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Please fill out this fee	dback form so and	we can ensure q learning process	uality method s	ologies in teach	ning
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EMAIL ID	EMAIL ID NAME OF THE EXCLUSION		Pathak	19/12/23	
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How satisfied were you with Outcon	nes?		~		
How satisfied were you with the tim	eliness?		/		
Would you recommend our innovative method to Others?		YES NO			
Please provide any additional comments or suggestions.		To impro	ve a stud	ent's port	ormance

andalla Signature



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

Please fill out this fee	dback form s	o we can ensure	quality metho		1.1
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INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING EXPERT REVIEW ANALYSIS & ACTION TAKEN REPORT Academic Year: 2023-24 Year: IV Semester: <u>I</u> Section: C Faculty Name: Gesigotha K. mound Subject & Topic: CRNS- DES Algorithm. Methodology: plipped classoon Analysis Report Over Experts Expert Review 1: Observations: " The Students are able to emplain about the 2. topic 3. Expert Review 2: Observations: More sellow Con be included. 1. 2. 3. Expert Review 3: Observations: 1. Uvord methodology to explain the lopic, which 2. the students try to arrestion and learnabaut 3. the foric Result of Satisfactory: Excellent / Very Good/ Good/ Satisfactory/ Not Satisfactory Action Taken Report: be continued this methodology ling HOD-CSE // SREYAS INSTITUTE OF ENGODE TECH. Beside Indu Aranya, Nagole, Hyd. - 068.

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	INSTITUTE SREVAG		
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	COMPUTER SCIEN	CE AND ENGINEERING	500068
INNOVATIO	ONS BY THE FACILITY		
STUDENTS	FEED BACK ANALYSIS PERSON	EACHING & LEARNING	
	A STATE OF	ACTION TAKEN REPORT	9
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i otal number of students	:52		
Number of students present	:41		
Number of students absent	: 11		
Maximum Score	: 60		
	80		
Obtained Score	33/2		
% of Satisfactory	: sley hood .		
Result of Satisfactory: Exce	lent/ Very Good/ Good/ Satisf	actory/Not Satisfactory	
Levels of Satisfactory: <50% >70 to <80% = Very Good; &	= Not Satisfactory; >50 to <0 >80 to <100= Excellent	50% = Satisfactory; >60 to <70% = 0	Good;
Analysis Report:		1	
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2. They are mad	e to explain a	about the traic.	
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INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet

Academic Year: 2023 - 24

Date: 10/11/23

Innovative Teaching Method applied: Fish Bowl

Name of the Instructor/Faculty: V. Suga-Hur '

Year & Semester: IT-T

Section: A

Name of the Subject Topic : DBMS

No. of participants: "

Observations/Comments:

1. Then a small group of students will start discussing the topic while others will sit around them taking notes and not contributing

2. The students in the middle are fish and others are bowl.

3. The student has chosen the normalization topic from DBMS.

4. Each group has performed a case study .

5. The knowledge sharing was done during their case study.

6. Finally students applied DBMS in real world scenario.

Instructor/Faculty

HOD-CSE SREYAS INSTITUTE OF ENGG. & TECH. Beside Indu Aranya, Nagole, Hyd. - 068.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year: 2023 - 24 .

Faculty Name: V. Scoothi

Subject and Topic: DBmS .

Methodology: Fish Bow)

Semester: I -I

Section: A .

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67	23VE5A0503	GSNEHA	5	0

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59	23VE5A0505	MRANI	4	Pari
70	23VE5A0506	NAGULAPALLYHARITHA	5	tase.
71	23VE5A0507	PALLATI KARTHIK	4	P

Total Number of Students: 7 Number of Students Present: 6

Number of Students Absent: 10

Signature of the Faculty

HOD, CSE

HOD-CSE SREYA& INSTITUTE OF ENGG. & TECH. Beside Indu Aranya, Nagole, Hyd. - 065.



Sreyas Institute of Engineering and Technology (Approved by Ab 11, New Yolls | Abbiated to IN1111, Indexident | Accessing to NAAC)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INN	OVATIVE ME	THODS IN	TEACHING	AND
Please till out this leedback form so an	o we can ensure q d loanning process e OF THE EXPERT	nality methode	logies in teach PA	ino IE
EMAIL ID				1137
and alive Method: Tish Powel	EXCELLENT	0000	FAIR	POOR
Sarameters (Ratings		LC.		
ten satisfied were yea with appropriate usage?				
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Mains ? leave provide any additional comments or	men 1	releft mode	wy.	
and posticities.		A DESCRIPTION OF TAXABLE PARTY.	the second se	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDE	BACK ON INN	OVATIVE ME	THODS IN	TEACHING	AND
Please fill out thi	s feedback form so an	d learning process	s	orogioo in room	Č
EMAIL ID	NAM	E OF THE EXPERT	1	DA	TE
an Sarens	sin sum	an	and the second second	10111	23
Innovative Method:	(h Boad)	EXCELLENT	GOOD	FAIR	POOR
Parameters/Ratings	ative method?	LAGENT	6		
How satisfied were you with the	e clear goals?		~	0	-
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Would you recommend our inr Others?	iovative method to	YESINO	10 - 1	1.91	
Please provide any additional suggestions.	comments or	board	trograd	own	

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INNOVATIONS	BY THE FACULTY IN TEACHING & LEARNING
EXPERT	REVIEW ANALYSIS & ACTION TAKEN REPORT
autonic rear: 2013-24 Yes	ear: I Semester: I Section: A
ethodology: Ash bowl	Subject & Topic: PBms & Normalization.
	Analysis Report Over Experts
Expert Review 1: Observations:	
1. This methodols 2. 3.	logy helps for group discussion.
Expert Review 2: Observations:	
2. 3.	adopted for certain subjects.
Expert Review 3: Observations:	82
1.	
2.	
3.	
Result of Satisfactory: Exceller Action Taken Report:	ent / Very Good/ Good/ Satisfactory/ Not Satisfactory
this methodol	logy will be limitedly used.
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	INSTITUTE OF ENGINEERING
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DEPART	MENT OF COMPUTER SCIENCE AND ENGINEERING
INNOVAT	TONS BY THE FACILITY IN TEACHING
STUDEN	TS FEED BACK ANALYSIS REPORT & ACTION TAKEN BEADER
	ACTION TAKEN REPORT
Academic Year: 2023-34	4 Year: T Semester: I Section: A
Faculty Name: U - Swo	atta Subject & Topic: DBms & Normalization
Methodology: fish boo	14
Total number of students	: 71
Number of students present	: 61
Number of students absent	: 10
Maximum Score	:
Obtained Score	: 537
Obtained Score	
% of Satisfactory	: Satur Jacker 8-
/0 02	Dist Satisfactory
Result of Satisfactory: Excel	ent/ Very Good/ Good/ Satisfactory/Not Satisfactory
	- Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good;
Levels of Satisfactory: <50%	>80 to <100= Excellent
>70 to <80% = very 0000, =	

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Students posticipo	ited actively	and the second
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INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet

Academic Year:2023-24

Date : 21 09/23

Section: D

Innovative Teaching Method applied:

Name of the Instructor/Faculty: QUIZ Assessment (A. Divya)

Year & Semester: III & 1

Name of the Subject : Information Retrieval Systems

No. of participants:58

Observations/Comments:

1. Students are assigned the topic of cataloging and Indexing.

2. Time allotted for preparation is 60 minutes.

3. Students formed groups and each group asked questions to other group and allotted marks .

4. It has been observed students got motivated with the Quiz, more sessions are planned for the future.

culty

INGG. & TECH, Va, Nagola, Hyd. - 088.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year: 2023-2024	Semester: Tu
Faculty Name: A - Divya	Section: D
Subject and Topic: IRS, Cataloging & Indoning	D
Methodology: QUIZ Alleument.	

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8	21VE1A05L2	CHERUKU HARSHITH		1000
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51	21VE1A05Q6	SRISHTI K KUMAR	1	Court
52	21VE1A05Q7	SUGUR BALAJI	1	Radai'
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

Please fill out this feedback form so we can ensure quality methodologies in teaching and learning process

NAME	E OF THE EXPERT		DATE	
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12 GWell	ment-		ale stantie dates	
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Signature





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

EMAIL ID	NAME	OF THE EXPER	T _O	DA	TE
Innovative Method:	Quiz AM	el ment	Reddy	21/09	23
Parameters/Ratings How would you rate this innovative	0	EXCELLENT	GOOD	FAIR	POOR
How satisfied were you with the cla	ear goals?	-v	10		
How satisfied were you with appro How satisfied were you with impla-	priate usage?	V	-		
How satisfied were you with Outco	mentation?		~		
How satisfied were you with the tin	neliness?	10			
Would you recommend our innova Others?	tive method to	YES/NO			
Please provide any additional com suggestions.	ments or	Students	will be	- engaged	l with

ture

(Approved by AICTE, New Delhi DEPARTM	SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY Affiliated to JNTUH, Hyderabad Accredited by NAACIlludent of the
	ONS BY THE FACULTY IN TEACHING & LEARNING S FEED BACK ANALYSIS REPORT & ACTION TAKEN REPORT
Academic Year: 2023-24 Faculty Name: A · DAVYO Methodology: Total number of students Number of students present Number of students absent Maximum Score	Venr: 19 Semester: 2 Section: D A Subject & Topic: SRS & Inderhing Quiz Assessment : 70 : 60 : 10
Obtained Score	:
Result of Satisfactory: Excel Levels of Satisfactory: <50% >70 to <80% = Very Good; &	llent/ Very Good/ Good/ Satisfactory/Not Satisfactory = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; >80 to <100= Excellent
Analysis Report: 1. Students Par 2. the Students 3.	nticipated actively and most of a gave positive feedback
Action Taken Report: Will be imple different Seef	imented by diblement topics and lions
Awi 2 Coordinator	HOLLER HOLLER Beside Indu Aranya, Nagole, H



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Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet

Academic Year:2023-24

Date: 13/07/23

Section: D

Innovative Teaching Method applied: Role Play

Name of the Instructor/Faculty: Dr. U.M. femadous dimbo

Year & Semester: III & I

Name of the Subject : FLAT

No. of participants:55

Observations/Comments:

1. Students are asked to form group of 4.

2. Groups are given 30 minutes time for preparation.

3. Students formed the groups and each group in acted about a Finite Automat and other problems about the Turing Machine States etc...

4. Students presented their Role Play explaining the topic and answering queries of other teams.

5. Students learned how to interact with others in real life scenario, to exhibit skill level required for the situation.

Instruc /Faculty

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year: 2023-24 Faculty Name: Dr. U. M. Fernandes Dink Section: D Subject and Topic: FLAT - Roleplay [Turing morthing State] Methodology: Roleplay

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1	22VE1A05K3	A KARTHIK REDDY	4	1/2
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21	22VE1A05M3	JUTURI HEMANTH KUMAR	5	Hemanth
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DEPARTMENT OF COMPUTER SOUND AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

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igyenve Methoù	EXCELLENT	(11)0	FAIR.	8178
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allaus / Tease provide any additional comments of argumentions	Kinder	· provi	de est	tra peslo
		loc he	in activity	3 1 1

INI Academic Year: 오ං2 Yaculty Name: 이가 시	NOVATIONS BY THE FA EXPERT REVIEW AN 3-24 Year: D M. Ferrondes s	OTER SCIENCI CULTY IN TEA ALYSIS & ACTION	CHING & LEARNIN TAKEN REPORT Semester: I FLAT 9, L	G Section: D
Methodology: Ro	leplay un			the club office
	Analysis I	Report Over F	xperts	
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3. Result of Satisfactor <u>Action Taken Repor</u> This	nethodology	win t	e dolopted	limitedly.
3. Result of Satisfactor <u>Action Taken Repor</u> Thu	nethodology	win t	e dolopted	limitedly.

SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY. (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING STUDENTS FEED BACK ANALYSIS REPORT & ACTION TAKEN REPORT Faculty Name: Dr. NM. Ferrowides Subject & Topic: FLAT& Finite Automata Methodology: O.L. Dimb Rolphy : 63 Total number of students Number of students present : Number of students absent 5 1 Maximum Score 5 **Obtained Score** : Very Good % of Satisfactory Result of Satisfactory: Excellent/ Very Good/ Good/ Satisfactory/Not Satisfactory Levels of Satisfactory: <50% = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; >70 to <80% = Very Good; & >80 to <100= Excellent Analysis Report: Glood Methodology which is helpful the only 1. 2. Some Subject 3. Action Taken Report: for all subject wed annat 1.2. SREY UTE OF ENGG. & TECH. Besi stiva, Nagole, Hvd. - 06



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIVE TEACHING METHODOLOGIES

ACADEMIC YEAR 2023-2024 II SEMESTER

2023-24(EVEN)

S.NO	SUBJECT	FACULTY	METHODOLOGY
		NAME	
1	DESIGN AND ANALYSIS OF ALGORITHMS	DR. A. RANJEET KUMAR	ROLE PLAY
2	HUMAN COMPUTER INTERACTION	LUBNA YASMEEN	ICT TOOL
3	COMPILER DESIGN	P. ARCHANA	PROBLEM BASED LEARNING
4	SCRIPTING LANGUAGES	A.ANITHA	PAIR PROGRAMMING
5	AVA	M.V. NAGESH	PROJECT BASED LEARNING
6	SOFTWARE	V.SWATHI	FLIPPED CLASSROOM
7	MACHINE	K. RAMYA LAKSHMI	RECIPROCAL LEARNING
8	OPERATING SYSTEMS	B. MAHALAKSHMI	QUIZ ASSESSMENT





INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068

Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet

Academic Year:2023-24

Innovative Teaching Method applied: Role Play

Date: 19/4/24.

Section: B

Name of the Instructor/Faculty: DR. R. Ranjith Kumar

Year & Semester: III & II

Name of the Subject : DAA

No. of participants:55

Observations/Comments:

1. Students are asked to form group of 4.

2. Groups are given 30 minutes time for preparation.

3. Students formed the groups and each group in acted about Analyzing the asymptotic performance of algorithms like divide and conquer, greedyetc..

4. Students presented their Role Play explaining the topic and answering queries of other teams.

5. Students learned how to interact with others in real life scenario, to exhibit skill level required for the situation.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year: 2023-24 Faculty Name: Dr. Rougeth Kumar Subject and Topic: DAA - dynithms Rolepay Methodology:

Semester: 1

Section: B

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3	21VE1A0568	AKSHARA MEKALA	3	Alelas
4	21VE1A0569	ALKA VARSHITHA	2	a
5	21VE1A0570	ALLI VAMSHI NANDHU	6-Absent -	->
6	21VE1A0571	ALLUTLA DIVYA SRI	2	Divid
7	21VE1A0572	ALUGUBELLI DIVYA SRI	9	682
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17	21VE1A0583	DEVARASHETTY PRANATHI	5	Pra
18	21VE1A0584	DUDIPALA SATHVIKA REDDY	3	Sathvir
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25	21VE1A0591	JOGU HARSHITHA	2.	ste
26	21VE1A0592	JONNA RAJ KUMAR REDDY	2-	Por
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68	22VE5A0513	NIZAMPET ABHIRAM	3	2070
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70				-the ·

Total Number of Students: 70 Number of Students Present: SS Number of Students Absent: 15

Signature of the Faculty

SE .JG. & TECH Aranya, Nagole, Hyd. - 068

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Sreyas Institute of Engineering and Technology

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC) DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND

EMAIL ID NAM ashala the (a) brown atin Alho novative Method: Parle DO	d learning proces E OF THE EXPER Valva-	r T	ologies in teac	hing
How would you rate this innovative method? How satisfied were you with the clear goals? How satisfied were you with appropriate usage? How satisfied were you with implementation? How satisfied were you with Outcomes? How satisfied were you with the timeliness?	EXCELLENT	GOOD	FAIR	POOR
Others? Please provide any additional comments or suggestions.	VESINO	lose use	e bar-	Rie Jun

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d. Joint Charles Sand Line NAN	E OF THE EXPERT			
Innovative Method:	yashellar		DATE	
Parameters/Ratings	and the second		- rata b	1
How would you rate this innovative motion 40	EXCELLENT	GOOD	EAID	-
low satisfied were you with the clear pack?		~	FAIR	POOR
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ow satisfied were you with Outcomerce		~		
ow satisfied were you with the time!	133			
ould you recommend our inneurit	in the second			
thers? thers?	VECNO	Carlos Contra		
ease provide any additional even	TESINO			

Signature

INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING EXPERT REVIEW ANALYSIS & ACTION TAKEN REPORT Faculty Name: Dr. R. Ragith Lurra Subject & Topic: DAA - Algon thing Methodology: Dala alari Role play Methodology: Analysis Report Over Experts Expert Review 1: Observations: Subject knowledge Increases 1. 2. 3. Expert Review 2: Observations: computer subjects bor Cannot be 1. wed 2. 3. Expert Review 3: Observations: 1. The Students try to incorporate the knowledge 2. they acquired and share it with their 3. We acquired and share it with their 3. Result of Satisfactory: Excellent / Very Good/ Good/ Satisfactory/ Not Satisfactory Based on grenienness feedback will be used as Action Taken Report: greatwired HOD-CS SREYAS INSTITUTE OF HOD Besto ment alta hanne mad - Cie ordinator

(Approved by AIC11, New Delhi | Affiliated to IN1011, Hyderabad | Accordited by BAAC)Hyderabad | Pill 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING STUDENTS FEED BACK ANALYSIS REPORT & ACTION TAKEN REPORT

Academic Year: 201-2-14	Years Gir	
Faculty Name Dx . R. B	anifit Folgers	Nemesters (1) Section: P
Methodology	0. 0. Jan	DUD . at Same
Total number of students	1 Probal	
Number of students present	1	
Number of students absent	1. 12	
Maximum Score	ι <u>(</u> ς.	
Obtained Score	•	
% of Satisfactory	1 75%	
Result of Satisfactory: Excel	lent/ Very Good/ Good/ Satisf	actory/Not Satisfactory
Levels of Satisfactory: , <50% >70 to < 80% - Very Good; &	− Not Satisfactory; >50 to <6 >80 to <100 − Excellent	00% − Satisfactory; >60 to <70% − Good
Analysis Report:		
2. Studenty partici	palid enthulitical	y, Orealiney increases
3.		

Action Taken Report: some subject but byr 60 only mo) wed

Coordinator

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INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | Pitt 500068

Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet Date: 29/04/24

Academic Year:2023-24

Innovative Teaching Method applied: ICT Tool

Name of the Instructor/Faculty: Lubra Jagmeen

Year & Semester: IV & II

Section : B

Name of the Subject: Human Computer Interaction

No. of participants:43

Observations/Comments:

1. The Students are assigned a topic for preparation.

2. Each student was assigned with different Interactive methods of Computers.

3. For brainstorming 30 minutes time was allotted.

4. Each group was given clear idea about functionality of each Interactive

Tool.

5. Every team presented their work and cleared queries.

6. Students got idea of working in team, communicating with others and

knowledge sharing.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year: 2023-24

Semester: TV - TI Section: B

Faculty Name: Who yogmeen

Subject and Topic: SE

Methodology: Ict too)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Please fill out this	feedback form so we can ensure quality methodologies in teaching and learning process
EMAIL ID	

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Innovative Method:	LOT TOOL	STATE AND THE PARTY	Constant of the local	- wheel	4
Parameters/Ratings		EXCELLENT	GOOD	FAIR	POOR
How would you rate this innovative m	ethod?				
How satisfied were you with the clear	goals?		-	~	
How satisfied were you with appropri-	ate usage?			-	
How satisfied were you with impleme	ntation?			-	
How satisfied were you with Outcome	es?			-	
How satisfied were you with the timel	liness?	-	-		
Would you recommend our innovative Others?	e method to	YES /NO			
Please provide any additional comme suggestions.	ents or	and			

Signature



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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Innovative Method:	1 Trol		100	- Hours	,
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DE	V Delhi Affiliated to JNTU PARTMENT OF COMPL	I, Hyderabad JTER SCIENC	Accredited by NAAC)H E AND ENGINEERI	lyderabad PIN: 500068 NG
INN	OVATIONS BY THE FAC EXPERT REVIEW ANAL	ULTY IN TEA	ACHING & LEARNI	NG
Academic Year: 202	3-24 Vear: TV		Semester: 1)	Section:
Faculty Name:	Sul	oject & Topic:	Dolla-MU HI	L
Methodology: A.CT	- 100l.			
	Analysis Ro	eport Over H	Experts	
Expert Review 1: Obs	ervations:	19-11-20	11.1	
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Expert Review 2: Obs	ervations:			
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5. Expert Review 3: Obs	ervations:			
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Coordinator				1100

SREVAS INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING STUDENTS FEED BACK ANALYSIS REPORT & ACTION TAKEN REPORT Academic Year: 2023 -24 Year: TV Faculty Name: Lubra Yobrill Subject & Topic: HCI - Inter active methods ICT TOOL Methodology: : 60 Total number of students Number of students present : 43 Number of students absent : 17 Maximum Score : Q11/. **Obtained Score** 5 our pray : % of Satisfactory Result of Satisfactory: Excellent/ Very Good/ Good/ Satisfactory/Not Satisfactory Levels of Satisfactory: <50% = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; >70 to <80% = Very Good; & >80 to <100= Excellent Analysis Report: Induded for difformet subjer, participate 1. 2. LATAL 3. Action Taken Report: will be used for limited Subject Coordinate



INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068 Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology	y - Internal Evaluation Sheet
cademic Year:2023-24	Date: 08 02 24
inovative Teaching Method applied: Problem Based Learning	ng
are of the Instructor/Faculty: P. Archang	
lame of the Subject & Tening Councils on the subject &	Section:
to of participants:45	Compiler
bservations/ Comments:	
. The students are divided into groups where group size is	5.
2. The problem based learning involves three steps, Identify	y, Learn and Apply.
Each team was given problem to solve the phases of com	piler such as lexical
analysis, syntax analysis, semantic analysis, intermediate co	ode generation, code
Optimization and code generation.	
4. The teams are evaluated and the performances are grade	ed.
5. Finally the students are able to solve the problem by iden	ntifying, learning and
Applying the techniques of problem based learning.	
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year: 2	023-20	24	
Faculty Name:	P. Arch	Rnia	2
Subject and Topic:	Compiler	pesign	-phases
Methodology:	problem	based	Learning

Semester: 1 Section: A

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45	21VE1A0547	PAGILLA SPANDANA	3	Chidde
46	21VE1A0548	PARISE UDAY BABU	ц	Kahi.
47	21VE1A0549	PATLOLLA ANEESH REDDY	5	thear
48	21VE1A0550	PATNAM AKSHITHA REDDY	2 HOSEN	Jahan
19	21VE1A0551	PEDDAPULI UTTEJ YADAV	-	atait
50	21VE1A0552	PODATARAPU NAGASRI BHARGHAV	2	a
51	21VE1A0553	R SRI VAISHNAVI	3	(a)
57	21VE1A0554	RAVIRALA NETHRA	2	Kaytisk
63	21VE1A0555	REPAKA DINESH KARTHIK		P.L.A
53	21VE1A0556	ROHITH REDDY MADDI	_6	A
24	21VE1A0557	RUNJA HARINADH	2	Teta
22	21VE1A0558	SAMUDRALA TEJASWI	2	Samo
56	21VE1A0559	SHAIKH ABDUL SAMI		38
57	21VE1A0560	SRIYA THADURI	5	No
58	21VE1A0561	VANGURI NAVEEN	2	Kemay
59	21/5140562	VASAM VIPUL KUMAR	5	Tela
60	211/11/05/02	VEERAVELLI SHISHIR TEJA	3	Abla
61	2IVEIA0505	VINJAMURI ABHIRAM		1 R

-	21111110-24			
	21VE1A0564			
63	21VE1A0565	YENNEDLA AKSHITHA	3	Austik
64	22VE5A0501	CHITIYALA VINAY KUMAR	1.	(A)
65	22VE5A0502	DEVARAKONDA VENKAT	4 popent	-02
66	22VE5A0503	GUNTUKA AKHILA	h	Ale
67	22VE5A0504	JELLA VEDHA PRABHA	2	Reah
68	22VE5A0505	KAMBHAMPATI ANIL KUMAR	3	de la
69	22VE5A0506	PRASADAM BHANU PRASAD	2	40
70	22VE5A0507	SOPPADANDI SIRISHA	Lu	85

Total Number of Students: その Number of Students Present: HS Number of Students Absent: よい

Signature of the Faculty



Sreyas Institute of Engineering and Technology (Approved by AICTE, New Delhi | Affiliated to INTUH, Hyderabad | Accredited by NAAC)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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EMAIL ID	and learning proces	quality method is	lologies in teacl	hing	
nnovative Method: problem	Daved leasning		DATE OS 021W		
How would you rate this innovative method How satisfied were you with the clear coals	EXCELLENT	GOOD	FAIR	POOR	
How satisfied were you with appropriate us How satisfied were you with implementation	age?		~		
How satisfied were you with Outcomes? How satisfied were you with the timeliness?	,	-			
Others? Please provide any difference of the second	nod to YES /NO				
suggestions.	Comnot	Connot be used for all Jubjac			

INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING EXPERT REVIEW ANALYSIS & ACTION TAKEN REPORT Academic Year: 2023-24 Year: Semester: () Section: P. Archana Subject & Topic: Ornpiler Design - phases of Orthology Descol land Compiler Faculty Name: problem based Learning Methodology: Analysis Report Over Experts **Expert Review 1: Observations:** brood methodology for Mathematical based subject 1. 2. 3. Expert Review 2: Observations: Comnot be used for all subjects 1. 2. 3. Expert Review 3: Observations: problems and more topics to be included 1. Tough 2. 3. Result of Satisfactory: Excellent / Very Good/ Good/ Satisfactory/ Not Satisfactory Reviewers gave mined feedback, nothodology with be implemented very limiteby. Action Taken Report: F ENGG. & TECH Beside Inuu r. any a, Nagole, Hyd - 058

SREYAS

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068 INSTITUTE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING STUDENTS FEED BACK ANALYSIS REPORT & ACTION TAKEN REPORT

Academic Year: 2023 -24	Year: The Semester: The second
Faculty Name: P Acd	NOMA Subject & Topic: (Section: H
Methodology: Proble	my Based losing
Total number of students	: 70
Number of students present	. 46
Number of students absent	: 25
Maximum Score	
Obtained Score	: 68%
% of Satisfactory	: Good.
Result of Satisfactory: Exce	llent/ Very Good/ Good/ Satisfactory/Not Satisfactory

Levels of Satisfactory: <50% = Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% = Good; >70 to <80% = Very Good; & >80 to <100= Excellent

Analysis Report: Most of the Studenty 1. problems 2. to be tough, 3. Action Taken Report: bor Centain mathematical (an be used baled lubject ordinator HOD-CSE SREYAS INSTITUTE OF ENGG. & TECH. Beside Indu Aranya, Nagole, Hyd. - 068.



INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068

Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology	- Internal E	valuation Sheet
Academic Year:2023-24	Data	Peloulau
Innovative Teaching Mathed and U. J. D D.	Date.	asjoning

Innovative Teaching Method applied: Pair Programming

Name of the Instructor/Faculty : A Anitha

Year & Semester: III & II

Name of the Subject: Scripting Languages

No. of participants:46

Observations/Comments:

1. Class is divided into teams with 2 students per team.

2. One student should act as driver who codes and another student is navigator who

reviews code and provides key information. student switch roles at regular intervals.

3. Scripting Languages concepts such as TCL, Ruby& Perl are explained to the students

4. Types of different SL's are discussed.

5. The teams are asked to code and test the program on various input data sets.

6.It has been observed code developed has good quality than individual development, better team morale, better knowledge sharing.

Section : D

Terrilitering of buter 1 Phanphate Conditioning 1 Judium Schuglenger Harpf ate (Nats May) - ande 2 Lacadonne Anglangene Pringelate (No.10.) - anglety Albertonia 3 Taboline Pringelate (Ina.10.) - albertonia) b [day [By] 2 Collected (and transmig) -3 Calqon Constitutional b d'alufaberton


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INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Academic Year: 2023-24	Semester: TI
Faculty Name: A - Anitha	Section: C
Subject and Topic: Scripting Languages -	TCL, Ruloy
Methodology: pair prygramming	

S.NO.	ROLL.NO	STUDENT NAME	SATISFACTOR Y LEVEL(1,2,3,4,5)	SIGNATUR E
1	21VE1A05D1	ABBAGALLA DEEPAK	2	Deepat
2	21VE1A05D2	AKSHITA MEKALA	h.	Aughta
3	21VE1A05D3	AKSHITA TAKEPALLY	2	nan
4	21VE1A05D4	SAANVIALUKA	2	Ahuka
5	21VE1A05D5	AREPALLY ADITHYA	2	Ao/
6	21VE1A05D6	BADE SAI VAISHNAVI	+ Absent	5
7	21VE1A05D7	BATTU DIVYA	h	P-
8	21VE1A05D8	BOBBILI DENNIES WILSON	5	mu/
9	21VE1A05D9	BOLLU SAI SRADHA	2	Electer
10	21VE1A05E0	CH VIVEK VARDHAN	10	N
11	21VE1A05E1	CHADA KOUSHIK REDDY	5	AQ.
12	21VE1A05E2	CHARLA ANEESH	2	Ancesh
13	21VE1A05E3	CHIGURLAPALLY BHARATHSIMHAREDDY	+Absent	->
14	21VE1A05E4	CHINTHAKUNTA AJITH KUMAR	5	Alfell
15	21VE1A05E5	CHOLLANGI TULASI	Ы	Tevani
16	21VE1A05E6	DAIDA SPOORTHI	2/	Chatally
17	21VE1A05E7	DEGALA PRASANNAKUMAR	g	101
18	21VE1A05E8	DEPA SHIVA REDDY	H	Chiva
19	21VE1A05E9	DEVARAMPALLY SAI KEERTHANA REDDY	+ Abser	+ -) /
20	21VE1A05F0	DURGAM RAKESH	2	b
21			2	

	21VE1A05F1	ENKARLA PRADEEPTHI	_11	Curd
22	21VE1A05F2	GANGULA SAI CHARAN TEJA REDDY	+ Absent	3
23	21VE1A05F3	GANJIMALA SOUMYA	5	greenyer
24	21VE1A05F4	GATTU RISHMITHA REDDY	4	
25	21VE1A05F5	GELLA NIVEJA	2	Nivera
26	21VE1A05F6	GODALA DURGA PRASAD REDDY	2	Particel
27	21VE1A05F7	GUNDA PRANATHI	1	æ.
28	21VE1A05F8	GURRAM SAITHARUN	2	Sai
29	21VE1A05F9	GYARA NIPUN	& Absent	2.
30	21VE1A05G0	INALA AKASH	3	Allesh
31	21VE1A05G1	K.GANESH	ú	62
32	21VE1A05G2	K PRASHANTH	5	P
33	21VE1A05G3	KARNATIRIYA	2-	Te
34	21VE1A05G4	KODI BHAVANI SAI	E Absent	5
35	21VE1A05G5	M JAGRUTHI	49	Joo
36	21VE1A05G6	MALKA NAVYA SRI	2	Naujar
37	21VE1A05G7	MALKEDI MANIKIRAN	4	Mart
38	21VE1A05G8	MARYAM FATIMA	3	(P)
39	21VE1A05G9	МОНД НАЛ	Elphend -	Do
40	21VE1A05H0	MUDAM. RAKESH	2	(a)
41	21VE1A05H1	MUDIREDDY ABHIGNA REDDY	_3	Applique
42	21VE1A05H2	N SNEHA ABHINAYA		athie
43	21VE1A05H3	NALLAMADA RAVIKANTH REDDY	3	darle
44	21VE1A05H4	NARISETTI VENKATA CHENNA KESHAV	Appsent	0
45	21VE1A05H5	NEERUKONDA NAGA VENKATA MANJUSHA	EAbsent	8
	21VE1405H6	NENAVATH VAMSHI	2	Vangere
47	21VE1A05H7	PANNERU YAMUNA	2	Jamura
4/	21VE1405H8	PINISETTY HEMASRI	3	trate
48	2175140510	POTHULAPALLY CHANDRAHAS	3	Manage
49	211/11/0510	PRASHANTH REDDY K	2	J.T
50	217 E140500	PULLAKSHAYA	* Absent.	10
51	2171140531	RAMISETTI UDAY KUMAR	3	Carl I
52	21VE1A0552	RAVIILA SATHYA HARSHA GOUD	4	Carl
53	21VE1A0533	SAVEDA AYESHA SULTANA	2	Ma
54	21VE1A05J4	SEELAM MOUNIKA REDDY	3	me
55	21VE1A05J5	SUDVALA AMBUTHA KUMARI	3	pu

N.

57	21VE1A05J7	SISTLA SREE SURYA SAROI		
58	21VE1A05J8	T ADITYA VARDHAN	+ Absent	A
59	21VE1A05J9	TANGUTOORI SAMPATH	10	Change
60	21VE1A05K0	THEEGALA SAI HARSHITH	-	10-
61	21VE1A05K1	THUMMALA DEEKSHITHA REDDY	4	Deckil
62	21VE1A05K2	VANAMPALLY MADHUSUDHAN REDDY	6 Absent	
63	21VE1A05K3	VATTIKOTI MOUNIKA	2	true
64	21VE1A05K4	VELTURI CHETAN RAJ	2	chotan
65	22VE5A0515	BANALA ALEKHYA	4	-
66	22VE5A0516	KARANAM THIRUMALESH	2	@2
67	22VE5A0517	KUTHADI MANISH	3	to
58	22VE5A0518	K VAMSHIGOUD	2-	Doud
59	22VE5A0519	PENTA PAVAN KALYAN	4 Absent	-5
70	22VE5A0520	TEKAM SANIKA	2	85
71	22VE5A0521	YENUMULA NANDA KISHOR REDDY	4	NO

Total Number of Students: テー Number of Students Present: Hら Number of Students Absent: 24

Signature of the Faculty

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

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EWAL D	NAM	E OF THE EXPER	T	DA	TE
Innovative Method:	Poi (AND	rammine -		25/41	ų
Parameters/Ratings	1 1 9	EXCELLENT	GOOD	FAIR	POOP
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now satisfied were you wit the c	ciear ocais?	1	~		
mow calculate ware you with appr	consta usage?	- P	./		
now callsfeet were you with intol	smertation?	1		-	
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now satisfies were you with the t	meliness?	1.07	V		1
Nould you recommend our innoi Others?	stive method to	IES NO			
Pease provide any additional con suggestions	ments or	Good	Notwoda	log	



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Sreyas Institute of Engineering and Technology (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC) DEPARTMENT OF COMPUTER SCIENCE AND ENGIN

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EXPERTS' FEEDBACK ON INN	OVATIVE ME	THODS IN	TEACHING	AND
Please fill out this feedback form s EMAIL ID	o we can ensure id learning proces	quality method	ologies in teact	ning
novative Method: Daix	OF THE EXPER	r	25/41	TE W
How would you rate this innovative method?	EXCELLENT	GOOD	FAIR	POOR
How satisfied were you with the clear goals? How satisfied were you with appropriate usage?		5		
How satisfied were you with implementation? How satisfied were you with Outcomes?	~	~		
Would you recommend our innovative method to Others?	YES INO	1		
Please provide any additional comments or suggestions.	Cooling	Albility	Increator	

Signature

INSTITUTE OF ENGINEER NO AND TECHNOLOGY (Approved by AICTE, New Delhs | Affiliated to JNTUH, Hyderabad | Accredited by NAACHyderabad | Pml 500058 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING EXPERT REVIEW ANALYSIS & ACTION TAKEN REPORT Semester: II Section: C Academic Year: 2013 ty Year: 1 Faculty Name: A - Aritha Subject & Topic: SL - Labor, TCL Methodology: Poir progra mining Analysis Report Over Experts Expert Review 1: Observations: Students share their ideal with each other 1. 2. 3. Expert Review 2: Observations: Conver be wed how theory based subjects 1. 2. 3. Expert Review 3: Observations: Good methodoly 1. 2. 3. Result of Satisfactory: Excellent / Very Good/ Good/ Satisfactory/ Not Satisfactory Action Taken Report: Based on the feed back, this methodology will adapted by more infjaci

INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUEL Hyderabad | Accredited by NAAC)Hyderabad | PBI: 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING STUDENTS FEED BACK ANALYSIS REPORT & ACTION TAKEN REPORT Semester: 11 Section: C Academic Year: 2022 -14 Year: TV A. Daritha Subject & Tople: SL - Ruby, TCL Pair programming Faculty Name: Methodology: 171 Total number of students Number of students present : 116 25 Number of students absent : 2 Maximum Score : 84 1/ **Obtained Score** : Encollent % of Satisfactory Result of Satisfactory: Excellent/ Very Good/ Good/ Satisfactory/Not Satisfactory Levels of Satisfactory: <50% - Not Satisfactory; >50 to <60% = Satisfactory; >60 to <70% - Good; >70 to <80% - Very Good; & >80 to <100+ Excellent Students gave positive feedback and participated very actively Analysis Report: 1. 2. 3. will be included for mole subject Action Taken Report: itz. Coordinator



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INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAACJHyderabad | PIN: 500068

Department of Computer Science and Engineering

Impact of Innovative Teaching Methodology - Internal Evaluation Sheet Date: 22/03/24 Academic Year:2023-24 Innovative Teaching Method applied: Project Based Learning Name of the Instructor/Faculty: M.V. Nagesh. Section : B Year & Semester: II & II Name of the Subject: Java - AWT No. of participants: Observations/Comments: 1. The groups are formed with 2 slow learners,2 medium learners and 1 fast learner. 2. Each group was assigned with different AWT events to use Applets and AWT. 3. For brainstorming 30 minutes time was allotted. 4. Each group was given clear idea about functionality of each Event. 5. Every team presented their work with great confidence. 6. Students got idea of working in team, communicating with others and knowledge sharing.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Semester: 1

Section: B

Academic Year: 2023 -24 Faculty Name: M.V. Nagesh Subject and Topic: Java - AUT

Methodology:

project based learning.

S.NO.	ROLL.NO	STUDENT NAME	SATISFACTORY LEVEL(1,2,3,4,5)	SIGNATURE
1	22VE1A0565	AIRPULA RAKESH KUMAR	5	Paketh
2	22VE1A0566	AKULA VENKATA AJITHESH YADAV	3	Yoday
3	22VE1A0567	BANDAVARAPU VENILA	4	Venda
4	22VE1A0568	BANOTH SAIKUMAR	В	sal
5	22VE1A0569	BUILI SHIRISHA	2	shig
6	22VE1A0570	BIRRU BHUVANESHWARI DEVI	3	Ders
7	22VE1A0571	BOYAPALLY ROHITH GOUD	P ABSER	E T
8	22VE1A0573	CHINNINGU NITHIN	2	NEthin
9	22VE1A0574	CHIRRA SANJAY KUMAR	2	Sanjay
10	22VE1A0575	CHITTIMALLA ASHWITH	3	Asheniu
11	22VE1A0576	DAMERA SHYLEE PREETAM	K ABSE	C- Th
12	22VE1A0577	ESAMPELLI ANUSHA)	Anuty
13	22VE1A0578	GALGUM AKHIL GOUD	2	Beaud
14	22VE1A0579	GAVVA ASHRITHA	+ ABSE	E- TA

15	22VE1A0580	GODHALA LIKHITHA		1		
16	22VE1A0581	GUDDLA KARTHIK GOUD		4	- Ur	1
17	22VE1A0582	KAKUMANU VISWAS REDDY		3	Ka	14.80
18	22VE1A0584	KARNATI SRICHANDRA		3	Vi	Swar
19	22VE1A0585	KATTA JYOTHIK CHOWDARY		4	t	P
20	22VE1A0586	KAVETI GOVARDHAN SAI		2	34	othin
21	22VE1A0587	KESHIREDDY RUTHVIK REDDY		3	Se	3
22	22VE1A0589	KETHAVATH SRINATH		>	Ru	HUR
23	22VE1A0590	KORRA SRILEKHA	E	ABSI	NT ->	>
24	22VE1A0591	KOTHURI SAI TEJA			Se	5
25	22VE1A0592	LAKKIREDDY SHISHIR REDDY	4		Sas	_
26	22VE1A0593	LANKA BHANU PRAKASH			She	-
27	22VE1A0594	MADUGU RAJ KUMAR	12		Bhan	Ē
28	22VE1A0595	MALLEPALLY SHASHIKANTH REDDY	3	10.00	Ray	
29	22VE1A0596	MANDA SRINATH	2	RELEN		<u> </u>
10	22VE1A0598		3		deratt	
2	22VE1A0599	MOGULLA VARSHINI	20		Ved) r	
3	22VE1A05A0	MUDIGONDA SHIVA TEJA	5		the	
4	22VE1A05A1	MUTHYAMAINA MOUNIKA	3		shipo	
5	22VE1A05A2	NELLORE VENKATA SURYA MYTHRESH	5		M	-1
6	22VE1A05A3	NENAVATH RAJESH	5	P	b	+1
7	22VE1A05A4	NIHAAL VARMA PEETHA	ip	C	Darne.	11
8	22VE1A05A5	PAGADALA MAHALAKSHMI	LAC	SSENT.	~	1

F				
F	22VE1A0563	UPPUTALLA VENKATA JAGADEESH	3	Jagadow
-	22VE1A0564	YERAMGARI BHARGAVI	4	Bhoagewi
	23VE5A0501	BHUKYA VENKATESH NAYAK	1-1	Nayak.
	23VE5A0502	BOILLA VANIL	3	Vanil
	23VE5A0503	G SNEHA	5	Snehg
ŝ	23VE5A0504	KATKURI UMESH CHANDRA PRASAD	2	Peased
9	23VE5A0505	M RANI	Ц	Rani
0	23VE5A0506	NAGULAPALLY HARITHA	3	190
		PALLATI KARTHIK	2	partici

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Total Number of Students: 70

Number of Students Present: 52

Number of Students Absent: 17-

Signature of the Faculty





(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC) DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

Please fill out this feedback form so we can ensure quality methodologies in teaching and learning process EMAIL ID NAME OF THE EXPERT nasieth (as green inc.) DATE Nagiesh chowdogy Innovative Method: 22/02/24 Project ased Logning 19 Parameters/Ratings EXCELLENT GOOD How would you rate this innovative method? FAIR POOR L How satisfied were you with the clear goals? How satisfied were you with appropriate usage? How satisfied were you with implementation? How satisfied were you with Outcomes? How satisfied were you with the timeliness? Would you recommend our innovative method to Others? YES /NO Please provide any additional comments or Students Coding Sicilia are improve suggestions.

nature.





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND

LEARNING PROCESS Please fill out this feedback form so we can ensure quality methodologies in teaching CREAM

EMAIL ID	NAM	E OF THE ENDER	0		
inovative Method	Sula.	ha EXPERT		DA	TE
arameters/Ratings	poject	Balled Leas	will	22 03	24
low would you rate this innovativ	re method?	EXCELLENT	GOOD	FAIR	POOR
low satisfied were you with appr	opriate usage?	~			
How satisfied were you with imple How satisfied were you with Oute	ementation?		5		
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Others?	ative method to	VIES AND			
Please provide any additional con suggestions.	ments or	Mine V	Num ba	-1	
		I mare 1	union	of mai	215

(Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING EXPERT REVIEW ANALYSIS & ACTION TAKEN REPORT Academic Year: 2023-24 Year: IL Semester: Faculty Name: M.V. Nagesh Subject & Topic: Java - AWT Section: B Methodology: Project Based Learning Analysis Report Over Experts Expert Review 1: Observations: Subject in easily understood. 1. 2. 3. Expert Review 2: Observations: 1. Students stop tearing about the coding 3. Expert Review 3: Observations: 1. Creativity and collaboration and collective 2. Work is practiced. 3. Result of Satisfactory: Excellent / Very Good/ Good/ Satisfactory/ Not Satisfactory Action Taken Report: More projects based learning subjects will be included Coot HOD-CSE SREYAS INSTITUTE OF ENGG. & TECH. Beside Indu Aranya, Nagole, Hyd. - 068.

INNOVAT	TIONS BY TH	DMPUTER S	CIENCE AND ENG	NAAC)Hyder INEERING EARNING	abad PIN: 500068
Academic Year: 2022 -1	u Year: T	12			
Faculty Name: Hallo	haut	F. 11	Semester:	1	Section: B
Methodology:	Daiser	Subject &	Topic: Java	- AWI	
Total number of students	Projec	Bared	rearing		
Number of students present	. 40		~		
Number of students absent	: 17				
Maximum Score	:				
Obtained Score	: 87	1			
	0	· · · ·			
% of Satisfactory Result of Satisfactory: Exce	: B)	CULENT	Satisfactory/Not	Satisfactor	У
% of Satisfactory Result of Satisfactory: Exce Levels of Satisfactory: <50% >70 to <80% = Very Good; &	: 60 ellent/ Very C % = Not Satist 2 >80 to <100	Good/ Good/ factory; >5 = Excellent	Satisfactory/Not 0 to <60% = Satis	Satisfactor factory; >ł	7 50 to <70% = Good;
% of Satisfactory Result of Satisfactory: Exce Levels of Satisfactory: <509 >70 to <80% = Very Good; & Analysis Report:	ellent/Very C = Not Satist > 80 to < 100	factory; >5 Excellent	Satisfactory/Not 0 to <60% = Satis	Satisfactor factory; >	7 y 50 to <70% = Good;
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INSTITUTE OF ENGINEERING AND TECHNOLOGY

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500068

Department of Computer Science and Engineering

Impact of Innovative Teaching Methodo	logy - Internal Evaluation Sheet
Academic Year:2023-24	Date: 14 21 21
Innovative Teaching Method applied: Flipped Classroo	m 17103124
Name of the Instructor/Faculty: V · Scoothi	
Year & Semester: II & II	Section:
Name of the Subject & Topic: Software Engineering	
No. of participants:52	
Observations/ Comments:	
1. Students are asked to learn a topic from the subject	
2. Students are assigned to analyze the different data	models in Software Engineering
The students are encouraged to discuss with counter	rparts and faculty.
4. The Waterfall Model, Spiral Model, Agile Model etc.	was explained by the students .
5. Finally the selected students are given chance to de	monstrate to the class.
6. This method emphasis on student centric learning a	nd students has control over their plan to
learn.	
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Attendance and Feedback Report

Semester: 1

Me	thodology: PUP	student NAME	SATISFACTORY LEVEL(1,2,3,4,5)	SIGNATURE
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,	22VE1A0503	ARUGANTI GYAN SAI KAUSHIK	2	Sat
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	22VE1A0505	BALTHU CHARITHASRI	4	che
6	22VE1A0506	BARIGALA JYOTHI SAIRAM	, 5	Sol:
7	22VE1A0507	BHUKYA NANDINI	2_	Nandini
	22VE1A0508	BUDIGEPAKA BHUVAN SRIKAR	4	Bhuan
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10	22VE1A0510	DUDIMETLA SAI	1	Say
11	22VE1A0511	ERAPARAJU BHAVANI SANUTH	2	8.
12	22VE1A0512	GARLAPATI SHRAVANI	6	60/
13	22VE1A0513	GONE SIDDHARTH	10	0
13	22VE1A0514	GOUGLOTH DHRUVAN NAIK	2	NO

15	22VE1A0515	GURRAM AISHWARYA		
16	22VE1A0516	HAFSA TANVEER DANIA	4	-0
17	22VE1A0517	HALKE SALSHVANA	1 AR	SENT 3
	221/5140510	HALKE SAI SHTAM	3	14
18	22761A0518	HRUDAY KUMAR PAGADALA	1.0	
19	22VE1A0519	JADHAV SHARAN SAI		Eumas
20	22VE1A0520	JAGITHOLLA GANESH)	-8
21	22VE1A0521	JALAGAM VAMSHI	5	G
22	22VE1A0522		4	æ
73	22VE1A0523	KVOINSIDHAKTHA	3	8-
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24	220140524	KALLAKUNTA SREYA	E AO	(E TTO
25	22VE1A0525	KALURI PAWAN KALYAN	2 400	SENIS
26	22VE1A0526	KAPILAVAI HEMANTH	3	Kalyan
27	22VE1A0527	KATTEKOLA PRASHANTH	4	Henaut
28	22VE1A0528	KOMARI ABHINAV KUMAR)	Pearlant
29	22VE1A0529	KOTTAM SANJAY REDDY	2	-Bbhi
10	22VE1A0530	KOWKUNTLA VARSHITH SAGAR)	Sanjay
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2	22VE1A0532	LOKKU ANUDEEP	ч	Andeep
3	22VE1A0533	MADIREDDY INDU MAHITHA	3	Mo
4	22VE1A0534	MARACHI VAISHNAVI	5	No
5	22VE1A0535	MAREDDI HRUSHIKESH REDDY	2	de
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2	22VE1A0542	MULAPATI L V N S SREELAKSHMI	3	Ne
3	22VE1A0543	MUTHYALA PRAVEEN REDDY	2	Proven
4	22VE1A0544	NAGULA SAI VAMSHI	4	5:
5	22VE1A0545	NALIMELA CHARAN RAJ	3	challent
16	22VE1A0546	NALLAN CHAKRAVARTHULA MADHURYA	5	Modlung
47	22VE1A0547	NALLANICHAKRAVARTHULA KRISHNA VAMSHI	2	Vamshi
48	22VE1A0548	PAM HARSHINI	R	the
49	22VE1A0549	PARISHA NAGA SAHITHYA ANAGHA	ц	Anagle
50	22VE1A0550	PENDEM NAVEEN	2	Mo
51	22VE1A0551	PITTA AMITH REDDY	1	BE
52	22VE1A0552	PYARASANI KAVYA	3	Kauya
53	22VE1A0553	REVELLA HARSHITH)	B
54	22VE1A0554	RIKKULA RAJASHEKAR	2	RS
55	22VE1A0555	RODDA HARIKA	4	Hosika
56	22VE1A0556	SABA FATIMA	2	falling
57	22VE1A0557	SAMUDRALA SRAVANI	3	Stavani
58	22VE1A0558	SHAIK YASEEN	4	Varen
59	22VE1A0559	SRIRAMOJU ASHISH	2	Ashiel
60	22VE1A0560	SUDINI VENKAT NARAYAN REDDY	3	Real
61	22VE1A0561	T DHEERAJ GOUD	1	Ø

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68	23VE5A0504	KATKURI UMESH CHANDRA PRASAD	5	snehs
67	23VE5A0503	G SNEHA	~ AIBLEN	
66	23VE5A0502	BOILLA VANIL	1-00/5-	Nayat.
65	23VE5A0501	BHUKYA VENKATESH NAYAK		12592
04	22/15 40504	TERAMGARI BHARGAVI	3	01
~	22VE140564	VERANCARIA	2	10-
63	22VE1A0563	UPPUTALLA VENKATA JAGADEESH	4	Vagelin
62	22VE1A0562	THARAKSHI TEJA VARSHINI	L 1.	

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Total Number of Students: 70 Number of Students Present: 82 Number of Students Absent: 18

Signature of the Faculty

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E.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

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Innovative Method: Else of A	and work work	1	14 3 24			
Parameters/Ratings	EXCELLENT			N		
How would you rate this innovative method?	EACELLENT	GOOD	FAIR	POOR		
How satisfied were you with the clear goals?	-					
How satisfied were you with appropriate usage?		-				
How satisfied were you with implementation?						
low satisfied were you with Outcomes?	~					
low satisfied were you with the timeliness?						
Would you recommend our innovative method to Others?	VES/NO					
lease provide any additional comments or uggestions.	The top	ric is y	ver un	durbo		

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXPERTS' FEEDBACK ON INNOVATIVE METHODS IN TEACHING AND LEARNING PROCESS

Please fill out this	feedback form a	so we can ensure nd learning proces	quality methor	tologies in teact	hing
EMAIL ID	NAM	AE OF THE EXPER	r	0/	TE
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How satisfied were you with the		~			
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How satisfied were you with imp	lementation?		~		
How satisfied were you with Out	comes?	/			
How satisfied were you with the		1			
Would you recommend our inno Others?	YES INO				
Please provide any additional co suggestions.	ff the 2	udy o i	s peute	ple by this	



INSTITUTE OF ENGINEERING AND TECHNOLOGY (Approved by AICTE, New Delhi | Affiliated to JNTUH, Hyderabad | Accredited by NAAC)Hyderabad | PIN: 500068 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING **EXPERT REVIEW ANALYSIS & ACTION TAKEN REPORT** Academic Year: 2023-24 Year: 11 Semester: 11 Section: A V. Swathi Subject & Topic: Software Engineering - Osta Mody Faculty Name: plipped clausion. Methodology: Analysis Report Over Experts Expert Review 1: Observations: Helpful in increasing the intrestingness in the Subject 3 Expert Review 2: Observations: Studentiare able to learn on their awn. 2. 3. Expert Review 3: Observations: This methodology Jon be used for all 3. Jubject Result of Satisfactory: Excellent / Very Good/ Good/ Satisfactory/ Not Satisfactory Action Taken Report: Baled on feedback, will be continued wird different subjects. HOD-CSE SREYAS INSTITUTE OF ENGG. & TECH. Beside Indu Aranya, Nagole, Hyd. - 068.



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INNOVATIONS BY THE FACULTY IN TEACHING & LEARNING STUDENTS FEED BACK ANALYSIS REPORT & ACTION TAKEN REPORT

1 Ye	AT: D			Semester:	9	Section: A
in	-	Subje	et & Topic:	32	Date	Modeli
t:	6Red	Cla	un			
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Result of Satisfactory: Excellent/ Very Good/ Good/ Satisfactory/Not Satisfactory

Levels of Satisfactory: <50% = Not Satisfactory: >50 to <60% = Satisfactory: >60 to <70% = Good; >70 to <\$0% = Very Good; & >\$0 to <100= Excellent

Analysis Report: wood metaodology which increased creations and ١. self study 2. 3. Action Taken Report: will be used stegulary In different subjects ator HOD-CSE SREYAS INSTITUTE OF ENGG. & TECH. Beside Indu Aranya, Nagole, Hyd. - 058



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DEPARTMENT OF CSE

(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

INNOVATIVE METHODS OF TEACHING



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INDEX

S. No.	Course Name	Method of teaching and Learning Process	Name of the Faculty Implemented	Page No.
1	COMPUTER ORGANIZATION AND ARCHITECTURE	ICT METHOD	MrsS.ASHALATHA	6
2	CLOUD COMPUTING	ICT METHOD	Mr.PRUDHVI RAJ	7
3	PYTHON PROGRAMMING	GOOGLE CLASSROOM	Mr.B.SREENIVASU	8
4	INTRODUCTION TO AI	GOOGLE CLASSROOM	Mrs.A.SWATHI	9
5	OPERATING SYSTEMS	FLIPPED CLASSROOM	Mrs.G.RAMYA	13
6	SOFTWARE ENGINEERING	FLIPPED CLASSROOM	Mrs.A.SWAPNA	13
7	PYTHON PROGRAMMING	PROJECT BASED LEARNING	Mr.NAGENDRA SAI	16



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Innovations by the Faculty in Teaching and Learning

Sreyas Institute of Engineering & Technology is uniquely qualified to take advantage of our expertise in teaching and learning processes. Over the 2 years, we have spread headed a revolution in learning experience of students at Sreyas and beyond. Many of hours of training for faculties from Sreyas and many other institutions have seen the incredible benefits of scientific and modern educational practices of active and experiential learning, formative assessments, project-based learning, Sreyas Institute of Engineering & Technology has always focused on student-centric teaching and learning.

In this process, the ICT enabled infrastructure plays a vital role. Availability of quality audiovideo systems and multimedia projectors in classrooms facilitates the faculty member use of PowerPoint; excel spreadsheets, videos, and online databases in classrooms help the students to master a basic and advanced understanding of subjects with greater clarity in the application of the concepts.

Students also play a critical role here. For example, in many courses, students are allotted exercises/assignments in terms of presentation of case studies, topics etc. Such activities not only enhance the learning outcomes but also develop self-confidence among students. All such activities put students at the centre of the teaching and learning process.

S.NO	Innovation Method	Academic Year/Sem	Description
1	ICT Method	2023-24	Student can able to understand the concepts easily and record the session for future reference.
2	Google Classrooms	2023-24	Online classes conducted to the students using the online web channels for understand the concepts effectively and record the session.
3	Flipped Classroom	2023-24	Flipped classroom teachers present a lesson to students and then assign class work or homework.
4	Project based learning	2023-24	Project-based learning is a dynamic classroom approach in which students actively explore real- world problems and challenges and acquire transferable knowledge.

Innovative practices used by faculty in Teaching and Learning Process: 2023-2024



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Following are the innovative practices used by our faculty in Teaching and Learning Process:

S.N	Innovation	Introduced	Yea	Description	Photo
0	Method	On	r		
1	Project based learning	RRP	Π	Encourage students to apply skills and knowledge they've developed in class room	
2	Google Classroom	PYTHON PROGRAMMIN G	II	Help students and teachers communicate , collaborate, organize and manage assignments, go paperless	
3	Flipped classroom	OPERATING SYSTEMS	Π	Student can learn new technology by giving seminars	
4	ICT Method	MACHINE LEARNING.	III	ICT equips audio-visual teaching methods, which boost student's knowledge retention and interest levels.	



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1. ICT Methods

Introduction:

The role of the teacher is undergoing radical change - his expertise requires continuous training and coordination with students in the use and practical applications of Information and communication technology (ICT) in education. ICT in the educational process should serve as a learning method and not only as a tool. At the same time, it is important to realize that ICT does not replace traditional teaching methods, but complements them by encouraging curiosity, research and experimentation.

Prerequisite:

- Various devices/technology in ICT includes:
- Access of course materials through remote devices,
- Online digital repositories for lectures, course materials, and digital library,
- Employing the flipped classroom concept,
- Making use of handheld computers, tablet computers, audio players, projector devices etc.

Objectives:

- Support functions: administrative, technical and supportive functions
- Learning assistance: assistance and support for learning and teaching
- New learning: new teaching and learning methods, techniques and tools

Outcomes:

- Enhancing learning experiences and providing new sets of skills
- Reaching more students with Massive Open Online Courses (MOOCs)
- Facilitating the training of faculties
- Minimizing costs and saving time associated with information delivery and automating regular dayto-day tasks.
- Improving the administration of institutions to enhance the quality and efficiency of service delivery.



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Implementation: ICT Tools

Sl.No	Name of the Faculty	A.Y	Year	Subject	Outcome
1	Mrs.S.Ashalatha	2023-24	II-I	COMPUTER ORGANIZATION &ARCHITECTURE	Lean about computer system architecture and organization
2	Mr.S.Prudhvi Raj	2023-24	IV-I	CLOUD COMPUTING	Learn about cloud storage uses servers to save data
3	Mrs. Spandana	2023-24	III-I	MACHINE LEARNING	Learn about basics of machine learning.

Participants:





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2. Google classrooms/Microsoft teams/Canvas/Zoom meetings

Most of the educational institutes have adopted the online education mode. This mode is heavily dependent on E-Learning Tools and there are a lot of tools available in the market. What is the best combination of e-learning tools for example for the following activities?

- Learning Management (e.g. Moodle)
- Lecture Delivery (Microsoft Teams, Google Meets, Zoom, etc.)
- Video Editing and Compression
- Video Hosting, Streaming, and Downloading
- Assessments, Exams, etc.
- As part of academics, Department of CSE(AIML) has adopted online teaching tools like Microsoft teams, Zoom meetings, and Canvas Infrastructure.

Outcomes:

- Students able to learn the new concepts via online classrooms
- Able to record the sessions and listen it whenever required.
- Share the contents in the you-tube channel
- Improved the clarification of doubts in conversion manner by the students and faculty



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Implementation: Google classrooms/Microsoft teams/Canvas/Zoom meetings

					-
Sl.No	Name of the Faculty	A.Y	Year	Subject	Outcome
1	B.Sreenivasu	2023-24	II	PYTHON	Learn computational
				PROGRAMMING	skills, develop creative and
					problem solving skills.
2	Dr.A.Swathi	2023-24	II	INTRODUCTION	Analyze the implications
				TO AI	of applying AI systems to
					organizations.

Participants





3. Flipped Class Room:

The objective of flipped class room technique is to motivate students to learn concepts on their own, obtain timely information (via preliminary assessments) about their learning before class and thereby adapt learning style. Students come to the class with prior knowledge of the concepts and these concepts are reinforced in the class by solving some logical and critical thinking problems based on the topic and ensures long lasting retention of the concepts.

Flipping the classroom is a "pedagogy-first" approach to teaching. In this approach in-class time is "re-purposed" for inquiry, application, and assessment in order to better meet the needs of individual learners. Students gain control of the learning process through studying course material outside of class, using readings, pre-recorded video lectures (using technology such as Panopto), or research assignments. During class time, instructors facilitate the learning process by helping students work through course material individually and in groups.



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Prerequisite

Also known as "inverting" a classroom, this approach seeks to preserve the value of lecture (expertise and custom delivery), while freeing up precious in-person class time for active learning strategies. The main goal in flipping a class is to cultivate deeper, richer learning experiences for students when the instructor is present to coach and guide them. Emphasis is on higher-order thinking skills and application to complex problems.

Common activities include:

- Collaborative learning
- Case-based learning
- Peer instruction
- Problem sets

While technology facilitates flipped instruction, it takes both planning and experimentation to perfect the model. Class Teacher asked three experienced classroom flippers for their tips and best practices.

- Use existing technology to ease faculty and students into a flipped mindset.
- Be up front with your expectations.
- Step aside and allow students to learn from each other.


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• Assess students' understanding of pre-class assignments to make the best use of class time.set a specific target for the flip.

• Build assessments that complement the flipped model.

Objective:

1. To motivate students to learn concepts on their own.

2. To aid students obtain timely information (via preliminary assessments) about their learning before class and thereby adapt learning style.

3. Students come to the class with prior knowledge of the concepts and these concepts are reinforced in the class by solving some logical and critical thinking problems based on the topic.

4. Ensures long lasting retention of the concepts.

Procedure:

1. Provide student with the learning material - video link (handouts/video lectures/text book Reference pages etc) of the topic to be covered through website (edmodo, canvas, Google Classroom etc). Give students 2 to 3 days' time to go through the link, ask them to take Notes.

2. On the day of the implementation (assessing the flipped class), students can be given a task of solving problems based on the learning material shared with them. Make sure the problems should be such that the student must apply the knowledge gained from learning material / video lecture to solve the problem. Prepare as many questions as possible so that no adjacent student should get the same question.

3. Role of the faculty is to facilitate the activity.

4. Based on the complexity of the task, the duration can be ideally set to 15 to 20 minutes

5. Faculty should collect the papers from the students.

6. Faculty should summarize the topic/concept and can also give answers to the questions.

7. Faculty should correct these papers (not in the class room) and give constructive feedback.

Goals

- Improves the students own learning
- Learn the concept before coming to the class
- Understand the concept very easily



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Assessment: The success of the flipped class room activity depends on two parameters.

1. Number of students attended the video lecture / gone through the learning material before coming to the class. Faculty should ensure maximum students come prepared to the class otherwise it will be very tough to handle the class.

2. Percentage of students who have completed the task successfully reflects the success rate of the activity.

3. Assessment Metrics: At least 80 % students must take part in the pre class activity i.e. video lecture / learning material etc. and at least 65% of students must be able to complete the task successfully.

4. Faculty must try to improve these percentages in next flipped class room activity and improvement can shown in a bar graph.

5. Student feedback on the activity is a must.

Expected Outcomes:

1. Confidence levels of students will improve, when they solve a problem or complete a task on their own without the help of the faculty.

2. Improves self-learning ability of the students.

3. Students will learn at their own pace and helps in retaining concepts for a longer period of time.

Implementation: Flipped Classroom

_					
Sl.No	Name of the faculty	A.Y	Year	Subject	Outcome
1	Mrs.A.Swapna	2023-24	II-I	SOFTWARE ENGINEERING	Learn about various Process models in SDLC.
2	G Ramya	2023-24	Π	OPERATING SYSTEMS	Learn about mechanisms of operating systems.



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4. Project based learning

In Project Based Learning, teachers make learning come alive for students. Students work on a project over an extended period of time – from a week up to a semester – that engages them in solving a real-world problem or answering a complex question. They demonstrate their knowledge and skills by creating a public product or presentation for a real audience.

PBL takes students through the following phases or steps:

- Identifying a problem
- Agreeing on or devising a solution and potential solution path to the problem (i.e., how to achieve the solution)
- Designing and developing a prototype of the solution
- Refining the solution based on feedback from experts, instructors, and/or peers



Project based-Learning

Outcomes:



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- They learn project management.
- They become systems thinkers.
- They become problem-solvers.
- They are more engaged in the learning process.
- They engage in iterative thinking.
- They make deep connections between ideas.
- They learn to take creative risks.

Implementation of project based learning

Sl. No	Name of the faculty	A.Y	Year	Subject	Outcome
1	Mr.Nagendra Sai	2023- 24	П	Python Programming	Student will be able to build basic programs using fundamental programming constructs like variables , conditional logic , looping and functions.



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INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Department of Mechanical Engineering

INNOVATIVE METHODS

Innovative Teaching Methods

S. No.	Course Name	Name of the Topic	Method of teaching and Learning Process	Name of the Faculty Implemented	Page No.
1	Engineering Graphics	Orthographic Projections / Geometric Plane Model	Make and Learn	All EG Faculty	4
2	Engineering Mechanics	Lami's theorem and friction models	Make and learn	All EM Faculty	9
3	Robotics	Building of an robot	Experiential and participative learning	Mr. Praveen B Ronad	12
4	Material Science and Metrology (MMS)	Iron-Carbide Diagram, Isothermal Transformations	Muddiest Point	Dr. A C Umamaheswar Rao	15
5	Kinematics of Machinery (KOM)	Making of Mechanisms	Experiential and participative learning	Dr. Suresh Akella	18
6	Additive Manufacturing Technologies (AMT)	3D Printing of the parts	Experiential and participative learning	Mr. Praveen B Ronad	21

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INTRODUCTION

At SREYAS we believe that, each student is unique and they have different level of grasping the concepts and knowledge. Here in our institute we believes that, students will learn and grasp concepts of any subjects if and only if he or she gets involved in activities such as make and learn, experiential learning, think and share, other group activities.

What is Special about SREYAS Teaching Methods?

- At SREYAS, we prefer and motivate students only to build their teaching models with guidance of faculty and lab technicians
- We don't like to purchase teaching models, we want to involve students in building these models

Why Students has to involve in making teaching Models?

- Firstly, it is fun for students to involve in such activity
- During building models they will face manufacturing and fabrication challenges which will trigger their minds to solve those problems.
- During building, they will understand the concept their and then only. The students who involves in work never forget those concept in his or her life.
- Students will get hand on experience of workshop technologies, manufacturing technologies and other aspects also
- It helps and motivates them to enhance their skills towards good projects in future

SREYAS Teaching and Learning Process: PMLI Approach



What is SREYAS PMLI Approach?

It's our approach developed and adapted by the department of mechanical engineering, which involved four basic steps in any activity we do. We have undergone continuous improvements in teaching and learning process over the past 6 to 7 years, and we have received great feedback from our students.

Basically PMLI Approach involves participative and experiential learning; here students will be involved in specific activities which are related t course.

Course Name: Engineering Graphics

Name of the Faculty who implemented: All Engineering Graphics faculty				
	Section. All First year	Topics : Orthographic Projections /		
	Section: An Flist year	Geometric Plane Model		
Name of the activity:	Experiential learning/ Make and learn			

Objective of the Activity:

- To make a model for Students to understand the basics of projection planes such as VP,HP,LPP and RPP
- Students should be able to identify the angle of projections such as 1st angle, 2nd Angle, 3rd angle and 4th angle projection
- To prepare teaching aids for Students to understand different conic sections such as ellipse, hyperbola, parabola
- To make teaching models for the Students to identify different types of planes and solids
- Representation of Geometrical Planes for Showing Different Reference Plane From this model, the students can visualize the projection of objects in 2D and 3D
- By using these teaching models or aids, it become very much useful for faculty to deliver the lecture effectively
- Students will also understand the content and concept more clearly and in a better manner
- The same knowledge and skills they acquired in this activity will be helpful for the them in future courses and in career

Purpose of Model: To explain basics of orthographic projections

Materials: Wooden cardboards, pipes, hinge and white sheets

Method of teaching:

- > Faculty explains basic projection planes using teaching model
 - Vertical Plane (VP)
 - Horizontal Plane (HP)
 - Left Profile Plane(LPP)
 - Right Profile Plane(RPP)
- Faculty shows the rotation of horizontal planes (HP) to demonstrate top view of the object to students and LPP and RPP to demonstrate side view of object

Technical Concepts Covered:

- Basics of projection planes
- Basics of Orthographic projection
- Projection of points and lines
- Projection of solids
- Projections of planes

Benefits to students:

- Students will understand the concept of geometrical planes and orthographic projections clearly
- This builds strong foundation to understand engineering drawing of various components, which is the most fundamental skill for an engineer

• Ambiguities and confusion in understanding of projections will not occur

How we planned our teaching Learning Activity?

- First, faculty forms the team of students, and gives the task of preparing the models
- In the process of making they understand the concepts of conic section and basics of engineering graphics etc
- Then, the final models are used by teaching faculty to deliver the classes

Photographs of the teaching models prepared by students for teaching engineering graphics course





6

MODELS OF SOLIDS







No the second second



Innovative Teaching Methods

MODELS OF PLANES





CONIC SECTIONS



Course Name: Engineering Mechanics

Name of the Faculty who implemented: All Engineering Mechanics faculty				
		Topics : Lame's Theorem Model / Friction		
Section: All First year		Demo Model		
Name of the activity:	Experiential learning / Part	icipative Learning		

1. Lame's Theorem Model:

Course: Engineering Mechanics

Purpose of Model: To demonstrate parallelogram law of forces and Lame's Theorem **Materials:** Wood, Pulleys, Strings and Weights

Method of teaching:

- Students are divide to a groups each consists of 2 to 3 members
- > Each group conducts experiments to understand the working principle
- > Faculty ask questions to judge their understanding of concept
- Faculty explains the concept again to students
- > Faculty encourages students to ask any further question on concepts
- Students are asked to solve problems on their own
- Finally teaching faculties summarize and explain the application of the concept in real world.

Technical Concepts Covered:

- Parallelogram Law of Forces
- ➤ Lamis Theorem
- Types of forces
- Equilibrium of forces

Benefits to students:

- > Students will gain interest in learning technical concepts
- > Students will directly involve in conduction of experiments
- > Students will come forward to give their suggestion or ask their questions.
- Mainly they understand concept or law clearly so that they can understand and apply in upcoming chapters/courses as well.

Sample Picture of Model:



2. Friction Demo Model

Course: Engineering Mechanics

Purpose of Model: To explain concept of friction

Materials: Wooden cardboards, hinges, protractors, blocks, pulley, weights, strings and different surfaces

Method of teaching:

- Faculty explains parts of the model
- Faculty can call any students to come and perform some random experiments; other students will observe the demo with interest.
- > Faculty gives chance to other students to come and perform
- After this exercise faculty explains concepts of friction such as angle of repose, coefficient of friction and laws of frictions with some simple demo examples
- > Faculty encourages to students to try for new things on existing teaching models
- Students are divided into groups and asked to perform small experiment and to write note on what they learnt.
- Faculty the solves some problems on friction, which makes students comfortable and interesting
- Faculty now gives medium and application level problems to students to test their understanding and applying skills to solve real world problem
- Students are asked to solve previous year question papers.

Technical Concepts Covered:

- Basics of Friction
- Laws of friction
- > Angle of repose
- Coefficient of friction
- Simple friction problem

Sample Picture of Model:



Course Name: Robotics

Name of the Faculty who implemented: Mr. Praveen B Ronad				
	Section: IV Mech A&B	Topics : Building of an Robot		
Name of the activity:	Experiential learning / Part	Experiential learning / Participative Learning		

Objective of the Activity:

- Students should be able to understand basic components of the industrial robotic arm
- Students need to design and model a robotics parts in 3D CAD Software's
- Students should be able to understand assembly issues and working of a robotic arm
- Students need to understand the working of Motor Drives and its Control

How we planned our teaching Learning Activity?

1. Plan: Here faculty will provide simple tasks to team of students, Students follow following process in order to learn the concepts



- 2. Execution Phase: A team of students will work on their allotted task and consult the concerned faculty if they encounter any difficulties, if required the industry support also be provided by calling experts and taking their advices.
- **3. Evaluation Phase:** Here the parts are assembled and robotic arm is tested for its working.
- **4. Improvement Phase:** Students will be asked to apply the skills leant in this activity to other fields.

Outcome of the activity:

By adapting this teaching and learning process, following outcomes were achieved

- Students got hands on experience and training on design and development of robotic arm. In this process they got the knowledge of CAD Model, Drivers, Design and Manufacturing Aspects such as 3D Printing.
- Students understood and worked in a team work.
- Students worked on assembly of the robotic parts such as base, arm, and end effectors
- Based on the skills obtained in this activity, no they can apply the skills in their future careers and development works

Department of mechanical Engineering has signed MoU with Innovatio Drop Pvt LTD, to establish robotics research center and provide robotics training to our students

Photographs of the activity:

Making of Serving Robot Body



Mechanical Engineering

Making of Robot Body using Sheet Metal

Making of Industrial Robotic Arm:



3D Printing of Robotic Base

Industrial Robotics Arm 3D Printed Parts



Internal Review was conducted by concerned faculty and experts from industry

Feedback from students:

Students felt very happy and they expressed their satisfaction over these activities. They informed us that, they will look forward to use these skills for upcoming works

Course Name: Material Science and metallurgy (MSM)

Name of the Faculty who implemented: Dr. A C Umamaheswar Rao				
	Section: II Mech A&B	Topics : Iron-Carbide Diagram, Isothermal Transformations		
Name of the activity:	Muddiest point			

INTRODUCTION:

Muddiest point combines an active learning technique with a classroom assessment technique, and as such is a great formative assessment tool which you can use to determine what your students may be struggling with. Students make note at the end of a class period (or lesson or module) which topics students would like additional help with. These topics are then summarized, the summary presented to the class, and the points discussed.

BENEFITS:

Innovative Teaching Methods

Muddiest point gives students an opportunity to disclose their "struggles" in a relatively safe manner, via a note to the teacher (or a post to a forum in an online class). Once feel safe sharing which pieces of information/knowledge that they are having trouble with, students may be willing to participate more in the classroom as well.

WHEN TO USE:

- To assess level of clarity on a unit/module before beginning a new one
- At the end of class to determine level of understanding
- In an online class, anytime the student has a question about content

METHOD:

Face to face:

- 1. At the end of a class/unit/module, the students are asked to jot down on slips of paper which point was the "muddiest" (least clear). Students turn in the slips to the instructor.
- 2. Later that day, sort the slips into piles based on their content
- 3. Make note of any unclear points for perhaps adjusting future lectures/presentations
- 4. Determine which points were brought up the most often perhaps the top 2 or 3
- 5. The next day, summarize your findings for the class. For example, "Half of you thought X was the muddiest point, while 25 percent each thought Y or Z was the muddiest point. Let's review all three, in that order."

NOTE: Summarizing the findings is a piece that is often missed using this technique. Sharing the results with the class "closes the loop" on assessment. It connects the teacher to the students, and thus teaching to learning.

Online:

- 1. The instructor creates a discussion group called "muddiest point forum", allowing posts and replies.
- 2. Students are introduced to the forum in the course orientation documents.
- 3. Students may post questions that they have about course content.
- 4. The instructor answers the questions in the forum. As an option, students may also be given the opportunity to reply to each other as well.

Muddiest Points Phase Diagrams III: Fe – Fe₃C Phase Diagrams

Muddiest Points:

- "What is the difference between eutectoid, hypoeutectoid, and hypereutectoid?"
- "What are ferrite, austenite, and cementite?"
- "Reading the phase diagram was very tough."
- "I don't know what 1020, 1060, or 10100 steel means."
- "What does each phase represent? What is gamma?"







Steel Terminology & Phase Properties



What Are Characteristics of Important Phases on Fe - Fe₂C Diagram?

Innovative Teaching Methods







PPT used for explaining Iron Carbide diagram using Muddiest Point activity

Course Name: Kinematics of machinery (KOM)

Name of the Faculty who implemented: Mr. Praveen B Ronad			
	Section: II Mech A&B	Topics : Mechanisms	
Name of the activity:	Experimental Learning and	l Participative Learning	

What is the Necessity to innovate teaching methods in KOM?

Kinematics of Machinery is a one of the most fundamental course for mechanical engineering students; they should learn and understand construction features of various mechanisms. Student will understand working principal any mechanism if and only if he makes a sample mechanisms

on his own. In the process of making one, he learns by participative learning by rectifying mistakes in the process.

How do we adopt the method of participative learning and Experiential Learning?

- Plan: First our teaching faculty forms a team of students and mentors them to create working mechanisms. Here students will work in a team and they need to produce the working mechanisms. Students will search for the available information from the internet and other sources such as animations, by this they will get a brief idea of what they want to do. Students will collect the materials they need in order to make mechanisms
- 2. **Design:** They draw the mechanisms with all dimensions and get approvals from respective teaching faculty; here faculty will correct any mistakes done by the students. Sometimes it's better to let students make mistakes.
- 3. **Make:** Students will be allotted technicians to help them in making mechanisms, once mechanisms are made, students will check the working conditions.

4. **Exhibit:** At the end, the Faculty will organize an exhibition of all mechanisms in front of eminent persons from the industry and academia, their feedback will be taken and all suggestions will be taken into consideration.



Process flow of Experiential Learning

So, we have followed the above process and organized a mechanism day, students were really happy and confident and they expressed their satisfaction in their learning process. So, it's one of the examples of how we use different innovative teaching and learning methods. We strive continuously and keep on developing new teaching and learning methods in order to make the teaching and learning process more interesting and effective. **Preparation of Mechanisms**





Exhibition of mechanisms







Course Name: Additive Manufacturing Technologies (AMT)

Name of the Faculty who implemented: Mr. Praveen B Ronad			
	Section: IV Mech A&B	Topics : 3D Printing of Sample Parts	
Name of the activity:	Experimental Learning and Participative Learning		

Objective of the Activity:

- Students should be able to Produce 3D Printed parts
- Students should be able to understand working of 3D Printers and Materials used
- Students should be able to identify and solve issues in Additive Manufacturing

How we planned our teaching Learning Activity

1. Planning Phase: Faculty Forms team of students and gives them a group task

For Example: To Design and 3D print Simple Parts

2. Execution Phase: Each team may have 3 to 4 Students and one team leader, Team leader assigns the particular tasks to his members. Such as

- Preparation of CAD Model
- Testing of 3D Printer
- Printing the Parts
- Testing the parts

3. Evaluation Phase: Here, Students Will Show their 3D Printed Parts to Faculty. Faculty will verify and gives suggestions and feed back

Outcome of the Activity:

- Here, By participation in the said activity, students will get hands on practice of 3D Printing of simple objects
- Students shows interest and enthusiasm in learning the course
- They will realize the potential applications of additive manufacturing technologies
- Students Can create Robot parts using 3D Printing for their Projects

Feedback from students:

Students felt really happy and they expressed satisfaction regarding the learning experience

Photographs of the activity:







Innovative Teaching Methods

3D Printed Part

3D Printing of part in Action

SIET

ICT enabled tools for effective teaching-learning process

CONTENTS

1	INTRODUCTION		
2	FACILITIES AVAILABLE		
3	GEO TAGGED PHOTOGRAPHS		
	3.1 ICT Enabled Class Rooms		8
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	3.3	ICT Enabled Auditorium	21

SIET

1. Introduction

It is only through education and the integration of ICT in education that one can teach students to be participants in the growth process in this era of rapid change . ICT make education system more productive, interesting, give more powerful instruction and also able to extent the educational opportunities to masses and creating information –rich learning environment.

To ensure that students play an active role in the learning process, Faculty make use of Information and communication technologies (ICT)in teaching-learning process.

• All our classrooms and laboratories are equipped with LCD Projectors.

• The teachers are encouraged to use modern teaching pedagogy, in addition to conventional classroom teaching practices. Faculty applies teaching methods such as group discussions, seminars, student presentation for better understanding of concepts/ technologies using ICT.

The Teaching-Learning Process is supported with Regular Practical Sessions, access to Digital

Library, Online Courses (MOOCS, NPTEL etc.), online journals, Use of LCD projectors for seminars and

workshops, productive use of educational videos, Communication skills training facility make the students to acquire proficiency in listening, speaking, reading and writing.

• The college has a central library well equipped with books & e-books, technical magazines, journals & e-journals and access to NPTEL lecture videos in the library, which serves as a knowledge resource. The students and faculty are motivated to register for online NPTEL Certificate courses and additional online courses like CODE NINJA, EDUREKA etc.
Course Delivery Methods	Justification
Whiteboard and marker	• To convey basics, critical information,
(Lecture Method)	history, background,
	theories and equations.
	• To expose the students to contemporary
	issues
	• Quick way to reach large numbers of
	students for exchange of useful
	information
Blended Teaching	Usage of Teaching aid Techniques such
	as Video Lectures, Power point
	presentations.
	• Implementation of Active learning
	strategies such as Collaborative and
	individual Learning activities.
Laboratory Demonstration	Theory verified by practical approach
	using various data acquisition systems in
	the analysis.
	• Students learn to work in teams and
	understand the importance of Multi-
	disciplinary courses in real world
	applications.
Course Handout	Course handout consists of Video
	lectures, Lecture Notes, Assignment
	questions, Tutorial questions and answers
	a model question papers.

Various Teaching and Learning Pedagogies used

<u>2. Facilities Available</u>

S. No	Facility	Total Number
1	ICT Enabled Class Rooms	13
2	Tutorial Rooms	03
3	Laboratories	13
4	Seminar halls	01
7	Research and Development Lab	01
8	Computer Center	02
9	Auditorium	01

S.N 0	Block	Room Number/Class	Floor	Area (sq. m)	Department
1	Α	IB-101 / CSE –III A	First	69	
2	А	IB-102 / CSE –III B	First	83	
3	А	IB-103 / CSE –III C	First	69	
4	А	IB-104 / CSE – M.Tech	First	34	
5	А	IB-106 / CSE –II A	First	69	
6	А	IB-108 / CSE –II B	First	70	
7	А	IB-109 / CSE –II C	First	70	Computer Science and Engineering
8	А	IB-110 / CSE –II D	First	70	
9	В	IB-113 / CSE –III D	First	69	
10	В	IB-115 / CSE –IV A	First	69	
11	В	IB-117 / CSE –IV B	First	69	
12	A	IB-303 / CSE –IV C	Third	69	
13	В	IB-121 / CSE –IV D	First	69	

Details of ICT Enabled Class Rooms:

Details of Tutorial Rooms:

S.No	Block	Room Number	Floor	Area (sq. m)	Department
1	А	IB-111	First	69	
2	А	IB-112	First	34	Computer Science and
3	А	IB-302	Third	84	Lingineering

Details of Laboratories:

S.No	Block	Room Number	Floor	Area (sq. m)	Description
1	AB	AB-101	First	122.6	CSE Lab – I
2	AB	AB-102	First	122.6	CSE Lab – II
3	AB	AB-201	Second	123	CSE Lab – III
4	AB	AB-202	Second	123	CSE Lab – IV
5	AB	AB-301A	Third	123	CSE Lab – V: R&D / PROJECT Lab
6	AB	AB-301B	Third		CSE Lab –VI
7	AB	AB-302A	Third	122	CSE Lab – VII
8	AB	AB-302B	Third	125	CSE Lab – VIII
9	AB	AB-305	Third	123	CSE Lab – IX
10	А	IB-002	Ground	83	CSE Lab X
11	В	IB-118	First	69	CSE Lab XI
12	В	IB-119	First	140	CSE Lab XII
13	В	IB-120	First	140	CSE Lab XIII

Details of Seminar Halls :

S.No	Block	Room Number	Floor	Area (sq. m)	Department
1	А	IB-308 IB-309	Third	138	Computer Science and Engineering

Details of Research & Development Labs:

S.No	Block	Room Number	Floor	Area (sq. m)	Department
1	AB	AB-301A	Third	62.73	Computer Science and Engineering

Details of Common Computer Centre:

S.No	Block	Room Number	Floor	Area (sq. m)	Department	
1	AB	AB-306	Third	181.2	Commuter Science and Engineering	
2	AB	AB-305	Third		Computer Science and Engineering	

<u>3. Geo Tagged Photographs</u>

<u>3.1 ICT enabled Class Rooms</u>

Department of Computer Science and Engineering

III CSE A Class Room



III CSE B Class Room



III CSE C Class Room



M.TECH CSE Class Room



II CSE A Class Room



II CSE B Class Room



ICT enabled tools for effective teaching-learning process



II CSE D Class Room



ICT enabled tools for effective teaching-learning process

CSE Tutorial Room



III CSE D Class Room



ICT enabled tools for effective teaching-learning process

IV CSE A Class Room



IV CSE B Class Room



ICT enabled tools for effective teaching-learning process

IV CSE C Class Room



IV CSE D Class Room



<u>3.2 ICT Enabled Laboratories</u>

CSE LAB: AB-101



CSE LAB:AB-102



CSE LAB:AB-201



CSE LAB:AB-202



CSE LAB:AB-301A



CSE LAB:AB-301B



CSE LAB:AB-302A



CSE LAB : AB-302B



CSE LAB : AB-305



CSE LAB : AB-306





Using ICT facility in Laboratory

<u>3.3 ICT Enabled Auditorium</u>



Using ICT facility in Auditorium