



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust®

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgaol)

RESULT ANALYSIS

Academic Year: 2022-23

Branch: Computer Science & Engineering

Semester: 4

Total Number of Students	66
No. of students Appeared	66
First class with Distinction	46
First Class	09
Second Class	01
Pass Class	0
No. of Students Failed	10
Pass Percentage	84.85%
Performance Index	0.8447


(Exam Coordinator)


(Principal)



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RESULT ANALYSIS

Academic Year: 2022-23

Branch: Computer Science & Engineering

Semester: 6TH

Total Number of Students	58
No. of students Appeared	58
First class with Distinction	33
First Class	16
Second Class	03
Pass Class	52
No. of Students Failed	06
Pass Percentage	89.65
Performance Index	0.8276


(Exam Coordinator)
22/02/23


(Principal)



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RESULT ANALYSIS

Academic Year: 2022-23

Branch: Computer Science & Engineering

Semester: 8

Total Number of Students	61
No. of students Appeared	61
First class with Distinction	58
First Class	02
Second Class	00
Pass Class	60
No. of Students Failed	01
Pass Percentage	98.36%
Performance Index	99.59


(Exam Coordinator)


(Principal)

Principal
A.J. Institute of Engineering & Technology
Mangaluru



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Kottara Chowki, Mangaluru

DEPARTMENT OF MECHANICAL ENGINEERING

List of activities planned for academic year 2023-2024

Sl. No	Type of event and Title	Tentative Dates	Target	Target	Name of the subject mapped	Budget Required
1	Alumni Talk	21-09-2023	--	--	----	---
2	Workshop on Resume Writing	23-09-2023	8,10,12	--	---	--
3	Training for Group Discussion	28-09-2023	9,10,12	--	---	--
4	Workshop On PowerPoint And Ms Office Tools	30-09-2023	4,5,9,10,12	2	-----	--
5	Talk on Mechanical Engineers in Navy	30-09-2023	6	2	----	4000/-
6	Placement Quiz	06-10-2023	9,10	2	---	--
7	Career Opportunities for Mechanical Graduates	13-10-2023	10,11,12	1	----	--
8	Interaction with Alumni, Technical Session by Industry Experts	14-10-2023	11	--	----	--
9	Talk On Project Patent	28-10-2023	4,12		----	4000/-
10	Workshop On Journal and conference paper writing	28-10-2023	4,8	--	----	--
11	Alumni Talk 2	03-11-2023	--	--	---	---
12	Course On AUTOCAD	11-11-2023	2,3,5,10	1,2	CAMD	--
13	Training on Spoken English	25-11-2023	9,10,12	2	----	5000/-
14	Hands on Training on Autodesk Fusion 360	30-11-2023	5,9	2	CIM,CAMD, FEM	8000/-
15	Inauguration of Student Association with office Bearers	09-12-2023	--	--	---	--
16	Course On CATIA	14-12-2023	5,4	1	CAMD,CIM, FEM	---
17	Workshop On Photography & photo editing	15-12-2023	5,8,9	--	---	8000/-
18	Workshop On AC & Refrigeration	23-12-2023	1,3,6,7	--	BTD,ATD, HMT	8000/-
19	Webinar on usage of design and Modelling Tools	01-02-2024	5	-	CIM,CAMA, FEM	--
20	Hands on Session on "Robotics and Application	20-04-2024	1,3,5	1,2	CIM	8000/-
21	Industry Visit	29-04-2024	6,11	--	---	--
22	Workshop On Car Overhauling	11-05-2024	7,9	2	AUTOMOBILE	--
23	Workshop On Drone Making	25-05-2024	1,3,5,9,11	1	DME-1 & DME-2	8000/-
24	Workshop On Arduino	08-06-2024	5	2	CIM	8000/-
25	Farewell for outgoing students	22-06-2024	--	--	---	---

Coordinators
ARMS

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A.J. Institute of Engineering & Technology
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H.O.D. - Mechanical Engineering
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Mangaluru - 575006, D.K., Karnataka

Progress of R&D (March -May, 2024)

1. FDP, Center of Excellence, Research proposals and Patents were asked from each department to submit. The following is the number of proposals we received from each department.

SL NO	Department	FDP	Center of Excellence	Research proposals	Patent
1	Civil	1	0	2	0
2	CSE	0	2	0	0
3	ECE	2	0	1	0
4	ISE	0	0	0	0
5	Mech	1	0	1	0
6	Basic Science Dept	0	0	0	0
Total		4	2	4	0

2. Papers submitted by different departments from final year major student projects

Dept	Civil	CSE	ECE	ISE	Mech	Total
Count	3	0	8	12	6	29

3. Problem statements submitted by different departments for mini-projects

Dept	Civil	CSE	ECE	ISE	Mech	Total
Count	-	22	12	8	8	50

4. Excel sheet is shared to all the faculties and will be sent to VIDWAN to create IDs.

5. Two minor research projects (AJIMS) has been completed.


03/06/2024


3/6/24
Gnane Swarnadh Satapathi


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RUBRICS FOR PRACTICAL SESSIONS

Course: Full Stack Development

Course Code: 21CS62

Practical Sessions- Continuous Evaluation (CE)				
Evaluation Parameter	Level of Achievement			
#R1: Observation/ Conduction (20 Marks)	Excellent (20-16)	Good (15-11)	Average (10-6)	Poor (5-0)
	Observation neatly written. Handwriting is clear. Programs written with no mistakes. Programs executed with no errors	Observation neatly written. Handwriting is clear. Programs written with very few mistakes. Programs executed with very less errors	Observation is written in unclear manner. Handwriting is not very clear. Programs written with fewer mistakes. Programs executed with few errors	Observation is written in unclear manner. Handwriting is not clear. Programs written with lot of mistakes. Programs executed with a large number of errors.
#R2: Record (10 Marks)	Excellent (10-9)	Good (8-7)	Average (6-4)	Poor (3-0)
	Record is neatly written, handwriting is clear. Mistakes are covered and corrected properly and neatly. Record submitted on time	Record is neatly written, handwriting is clear. Most mistakes are covered and corrected properly and neatly. Record submitted with a delay of 1 - 3 days	Record is written in an unclear manner. Handwriting is not very clear. Mistakes are sometimes corrected properly. Record submitted with a delay of 4 to 5 days	Record is written in an unclear manner. Handwriting is not very clear. Mistakes are not corrected. Record submitted after a delay of 1 week
#R3: Viva (20 Marks)	Excellent (20-16)	Good (15-11)	Average (10-6)	Poor (5-0)
	Answered all questions with elaboration has excellent understanding of the topic.	Answered most of the questions Failed to elaborate some of the concepts	Answered a few questions. Subject knowledge is not adequate	Not able to answer any of the questions. Subject knowledge not adequate
Practical Sessions- Internal Assessment (IA)				
#R1: Write-Up (08 Marks)	Excellent (8-6)	Good (5-4)	Average (3-2)	Poor (1-0)
	Program neatly written. Handwriting is clear. Programs written with no mistakes.	Program neatly written. Handwriting is clear. Programs written with very few mistakes.	Program is written in unclear manner. Handwriting is not very clear. Programs written with fewer mistakes.	Program is written in unclear manner. Handwriting is not clear. Programs written with lot of mistakes.
#R2:	Excellent (35-31)	Good (30-20)	Average (19-11)	Poor (10-0)

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Conduction/Execution (35 Marks)	Execution of the program done as per the procedure. Programs had less than 10 errors. The errors were debugged without any help. The Result was tabulated for all the cases.	Execution of the program done as per the procedure. Programs had less than 20 errors. The errors were debugged with a little help. The Result was tabulated for almost all the cases	Execution of the program done as per the procedure. Programs had more than 20 errors. The errors were debugged with the help of instructor. The Result was tabulated for few of the cases	Execution of the program was not done as per the procedure. Programs was full of syntax and logical error. The errors were resolved by the instructor. The Result was tabulated only for 1 or 2 Cases
#R3: Viva (07 Marks)	Excellent (7-6) Answered all questions with elaboration has excellent understanding of the topic.	Good (6-5) Answered most of the questions Failed to elaborate some of the concepts	Average (4-2) Answered a few questions. Subject knowledge is not adequate	Poor (1-0) Not able to answer any of the questions. Subject knowledge not adequate

Note: Practical Test Conducted for Total 50 Marks reduced down to 05 Marks


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Subject: Mini Project		Subject code: 21CSMP67		
Mini Project- Continuous Evaluation (CE)-50Marks(Phase-I)				
Evaluation Parameter	Level of Achievement			
	Excellent (10-8)	Good (7-5)	Average (4-2)	Poor (1-0)
#R1: Identification of Problem Domain and Detailed Analysis (10 Marks)	All objectives of the proposed work are well defined; Steps to be followed to solve the defined problem are clearly specified.	Good justification to the objectives; Methodology to be followed is specified but detailing is not done.	Good justification to the objectives; Methodology to be is not clearly explained	Incomplete justification to the objectives proposed; Steps are mentioned but unclear; without justification to objectives.
#R2: Literature Survey Purpose and need of the project (10 Marks)	Excellent Literature survey has been done in the stipulated time. Purpose and need of project is well explained	Good Literature survey has been done in the stipulated time. Purpose and need of project is should be well explained	Literature surveys can be done in a better way. Purpose and need of project is not well explained	Literature survey with less references Purpose is not clear
#R3: Synopsis (10 Marks)	Project Synopsis is according to the specified Format. References are appropriate and well mentioned	Project Synopsis is according to the specified format. References are appropriate but not mentioned well.	Project Synopsis is according to the specified format. References are not appropriate but not mentioned well.	Project Synopsis is according to the specified format but some mistakes. In-sufficient references. Late submission.



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	Excellent (10-8)	Good (7-4)	Average (3)	Poor (2-0)
#R4: Individual presentation (10 Marks)	Excellent presentation with good communication skills.	Good presentation with good communication skill	Presentation with no much relevant explanation	Presentation skill need to be improved
#R5: Question and answer (10 Marks)	Extensive knowledge and awareness related to the project.	Fair knowledge and awareness related to the project.	Partial knowledge about the project.	Lacks sufficient knowledge and awareness.
Mini Project- Continuous Evaluation (CE)-50Marks(Phase-II)				
Level of Achievement				
#R1: Quality of appropriateness and accuracy of design (10 Marks)	Complete explanation of the key concepts and strong description of the technical requirements of the project.	Complete explanation of the key concepts and description of the technical requirements of the project need to be improved.	Complete explanation of the key concepts but in-sufficient description and design of the technical requirements of the project.	Incomplete explanation of the key concepts and in-sufficient description of the technical requirements of the project. Incomplete design.
#R2: Report (10 Marks)	Project report is according to the specified Format. References are appropriate and well mentioned.	Project report is according to the specified format. References are appropriate but not mentioned well.	Project report is according to the specified format. References are not appropriate, but not mentioned well.	Project report is according to the specified format but there are some mistakes. In-sufficient references. Late submission.

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#R3: Regularity (10 Marks)	Excellent (10-8)	Good (7-4)	Average (3)	Poor (2-0)
	Regularly contacted mentors. Regularly attended presentations.	Irregularly contracted mentors. Regularly attended presentations.	Not contacted mentors. Irregularly attended the presentation.	Not contacted mentors. Not attend the presentation.
#R4: Individual presentation (10 Marks)	Excellent (10-8)	Good (7-4)	Average (3)	Poor (2-0)
	Excellent presentation with good communication skills.	Good presentation with good communication skill	Presentation with no much relevant explanation	Presentation skill need to be improved
#R5: Question and answer (10 Marks)	Excellent (10-8)	Good (7-4)	Average (3)	Poor (2-0)
	Extensive knowledge and awareness related to the project.	Fair knowledge and awareness related to the project.	Partial knowledge about the project.	Lacks sufficient knowledge and awareness.


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Subject: Internship		Subject code: 2IINT68		
Internship - Continuous Evaluation (CE)-100Marks				
Evaluation Parameter	Level of Achievement			
	Excellent (10-8)	Good (7-5)	Average (4-2)	Poor (1-0)
#R1: Depth of Knowledge (20 Marks)	Excellent knowledge on the technicality topic learnt during internship	Knowledge on the technicality learnt during internship could be improved.	Average knowledge on the technicality gained during internship	No knowledge on technicality gained during internship
#R2: Presentation Skill (10 M)	Excellent presentation with good communication skills.	Good presentation with good communication skill	Presentation with no much relevant explanation	Presentation skill need to be improved
#R3: Question and Answer (20 M)	Excellent (10-8) Extensive knowledge and awareness related to the project.	Good (7-4) Fair knowledge and awareness related to the project.	Average (3) Partial knowledge about the project.	Poor (2-0) Lacks sufficient knowledge and awareness.
#R4: Work done during internship	Excellent (10-8)	Good (7-4)	Average (3)	Poor (2-0)

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(20 Marks)	Objectives of the project are clearly stated with proper design specifications and Methodology. Effective use of design tools Results are as per the defined objectives	Objectives of the project are clearly stated; incomplete or improper design specifications and Methodology. Design tools are not used properly. 70-80 % of results are as per the defined objectives	Objectives of the project are not clearly stated; incomplete or improper design specifications and Methodology. Design tools are not used properly. 50-70 % of results are as per the defined objectives.	Objectives of the project are either not defined or not well defined. Incomplete or improper design specifications and Methodology Design tools are not known. Less than 50% of results are as per the defined objectives.
#R5: Report (30 Marks)	Excellent (10-8) Internship report is according to the specified Format. References are appropriate and well mentioned.	Good (7-4) Internship report is according to the specified format. References are appropriate but not mentioned well.	Average (3) Internship report is according to the specified format. References are not appropriate but not mentioned well.	Poor (2-0) Internship report is according to the specified format but there are some mistakes. In-sufficient references. Late submission.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 28-08-2023

CIRCULAR

Departmental Advisory Committee composition of Computer Science and Engineering department for the academic year 2023-2024 is as follows:

S.No.	Name of Members	Role
1.	Head of Department	Chairman
2.	Expert from Academia	Member
3.	Expert from Industry	Member
4.	Senior Faculty Member	Member Secretary
5.	2 Senior Faculty Members	Members



HOD

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 28-08-2023

CIRCULAR

Departmental Advisory Committee of Computer Science and Engineering department for the academic year 2023-2024 is as follows:

Sl. No	Name	Role
1.	Dr. Antony P J, Professor and Head	Chairman
2.	Dr. Geetha V, Dept. of IT, NITK Surathkal	Expert from Academia
3.	Mr. Vipin Kumar, Infosys Mangalore	Expert from Industry
4.	Mr. Vijaykumar Dudhanikar	Member Secretary
5.	Mr. Chanchal Antony	Member
6.	Mrs. Snitha Shetty	Member



HOD

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- Mangaluru - 575 006, D.K., Karnataka



Principal

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Email: ajenggcollege@gmail.com | Website: WWW.ajiet.edu.in

AJNET/NOTICE/555/2023-24

Date: 14/06/2024

Circular

The NAAC expert will be visiting our institution for mock inspection, verification and to give their inputs on 17th and 18th June, 2024. All faculty members are required to attend the duty on the above said dates without fail. All NAAC coordinators/members are requested to come with their doubts related to different criteria and clarify the same during these two days.

 14/06/2024

DEAN ACADEMICS


PRINCIPAL

For information:

1. Vice President – LMET

CC to:

1. All HOD's (Civ, CSE, CSE(AIML), CSE(ICB), AIDS, ISE, ECE, Mech, First year

Coordinator, Physics, Chemistry, Mathematics, T&P, Library, AO, Accounts)



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IOT Club in association with CSI

Date: 19.07.2023

To

The Principal
A.J. Institute of Engineering & Technology
Kottara Chowki, Mangaluru

Dear Sir,

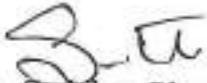
Sub: - Request for permission to conduct **Hands-on Session on Raspberry Pi**.

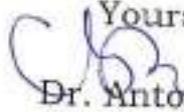
With reference to the above cited subject, due to the good feedback on the previous workshop conducted on 24-06-2023, the students have voluntarily requested the continuation of the same and hence we have decided to conduct **Hands-on Session on Raspberry Pi** under IOT Club in association with CSI on 22.07.2023. The workshop details are given below:

Resource Person	No. of Sessions	Target Audience
GK Bhat Kakunje CEO & Managing Director Kakunje Software Private Limited	4 session (1 day)	66 students

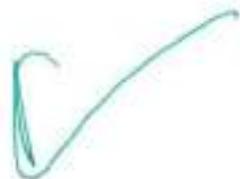
The budget needed for conducting the workshop will be contributed by the students. We would be collecting the fee of Rs.100 per participant from second year CSE students. We request you to kindly give the permission to conduct the above said workshop and do the needful.

Thanking you,


Mrs. Snitha Shetty
IOT club & CSI Co-Ordinator
Dept. of CSE

Yours sincerely,

Dr. Antony P.J
IOT Club and CSI Chairman,
AJIET, Mangaluru

03 - 07-2023
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Date: 25-07-2023

Report on Student Development Programme on "Hands-on Session on Raspberry Pi"

Name of the Program:	Hands-on Session on Raspberry Pi.	Program Dates & Timings:	22-07-2023 & 9.00 AM to 4.30 PM		
Name & Details of the Resource Person:	GK Bhat Kakunje CEO & Managing Director Kakunje Software Private Limited				
Organized by (Clubs/ Dept.)	IOT Club & Dept. of CSE	In Association with	CSI		
Number of Participants	66	Students	66	Faculty	1
Program Outcome (PO) Mapping	PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO10, PO11, PO12				
Coordinators	Mrs. Snitha Shetty, IoT Club & CSI Coordinator, Assistant Professor, Department of CSE				

About the Program:

The IoT Club in association with CSI organized a student development Programme on "Hands-on Session on IOT-ESP32 and Raspberry Pi". The event was scheduled on 22-07-2023 from 9:00 am to 4:30 pm at Computing lab 6, third floor.

The Resource person of the program was GK Bhat Kakunje, CEO & Managing Director, Kakunje Software Private Limited and Ravishankara Web Developer, Kakunje Software Private Limited

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The students were given a brief introduction on the following topics

- Introduction to Arduino IDE
- Creating a Simple ESP32 Web Server in Arduino IDE
- Introduction to Raspberry pi.

The following courses were discussed by the participants

- Installing OS in Raspberry pi.
- Creating python IDE in Raspberry pi.

After the course the following quests were discussed

- Arduino IDE – intended for those who are familiar with Arduino
- Espruino – JavaScript SDK and firmware closely emulating Node.js
- Mongoose OS – An operating system for IoT devices that is recommended by Espressif Systems and Google Cloud IoT
- MicroPython – Implementation of Python 3 for microcontrollers
- Raspberry pi-Introduction and installing operating System

Objectives

- Creating a simple ESP32 web server in the Arduino IDE
- Accessing the Web Server in AP Mode
- Accessing the Web Server in STA Mode
- Installing OS in Raspberry pi


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Outcomes:

- Installed OS in Raspberry pi and implemented python IDE.
- Developed a live application project on LED bulb.

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	2				3	2						
2		3							3	2	2	1
3	3	1	2	2					3		2	1
4					2	1			2	3	2	
Average	2.5	2	2	2	2.5	1.5			2.7	2.5	2	1

Photos:



Snitha

Mrs. Snitha Shetty
IOT Club & CSI Coordinator

USA

Dr. Antony P J
Vice-Principal

Dr. Shantharama Rai C

Dr. Shantharama Rai C
Principal



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Payment to gk
IoT workshop

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A.J.Institute of Engineering and Technology, Mangaluru
Department of Computer Science & Engineering
Hands-on Session on Cyber Security and Ethical Hacking
Attendance List Academic Year:2022-23
Date:08-07-2023

Sl.No	USN No	Name	Morning	Afternoon
1	4JK21CS001	ABHISHEK R	AB	AB
2	4JK21CS002	ADARSH DAYANAND	AB	AB
3	4JK21CS003	ADITHI A SHETTY	AB	AB
4	4JK21CS004	ADWITH SHETTY	AB	AB
5	4JK21CS005	AKARSH S	AB	AB
6	4JK21CS006	AKSHAY SURESH M	AB	AB
7	4JK21CS007	ALOKE P P	AB	AB
8	4JK21CS008	AMARNATH K V	AB	AB
9	4JK21CS009	ANAM FATHIMA SHAMEEM	AB	AB
10	4JK21CS010	ANIRUDH V V	AB	AB
11	4JK21CS011	ARPITA SURESH NAIK	AB	AB
12	4JK21CS012	ASWANTH SREEJITH	AB	AB
13	4JK21CS013	ASWIN SURESH M	AB	AB
14	4JK21CS014	ATHIRA SANTHOSH	AB	AB
15	4JK21CS015	CHAITHANYASANKAR S	AB	AB
16	4JK21CS016	DARSHAN	AB	AB
17	4JK21CS017	DHRITI R SHERIGAR	AB	AB
18	4JK21CS019	FROJAS JOSEPH	AB	AB
19	4JK21CS020	GURURAJ SHIVARAM	AB	AB
20	4JK21CS021	H P RAHUL	AB	AB
21	4JK21CS022	ISHA S SHETTY	AB	AB
22	4JK21CS023	JEEVITH H R	AB	AB
23	4JK21CS024	JEWEL CHRISTANAND PISSE	AB	AB
24	4JK21CS025	KARTHIK GANAPA R	AB	AB
25	4JK21CS026	KEVIN SAMU	AB	AB
26	4JK21CS027	KHALIFA BIN USMAN	AB	AB
27	4JK21CS028	KUSHAL D	AB	AB
28	4JK21CS029	LEKHA	AB	AB
29	4JK21CS030	LIKHITH KUMAR	AB	AB
30	4JK21CS031	MANASA M SHETTY	AB	AB
31	4JK21CS033	MOKSHITHA S N	AB	AB
32	4JK21CS034	MUHAMMED RAFAD P	AB	AB
33	4JK21CS035	MUHAMMED SHAHIR A K	AB	AB
34	4JK21CS036	NAGAVARSHINI	AB	AB
35	4JK21CS037	NANDANA JAYARAM	AB	AB
36	4JK21CS038	NANDANA SURESH	AB	AB
37	4JK21CS039	NIKSHITHA	AB	AB
38	4JK21CS040	NISHA	AB	AB
39	4JK21CS041	NISHITHA	AB	AB
40	4JK21CS042	NITHESH S KOTIAN	AB	AB
41	4JK21CS043	PANCHAMI V GUNAGA	AB	AB
42	4JK21CS044	PRARTHANA G	AB	AB
43	4JK21CS046	PRATHAM V ASAIGOLI	AB	AB
44	4JK21CS047	PRATHVI	AB	AB
45	4JK21CS048	RAKSHITHA SHETTY	AB	AB
46	4JK21CS049	S ARAVIND	AB	AB
47	4JK21CS050	SAISUJANYA B S	AB	AB
48	4JK21CS051	SANVITHA S ACHARYA	AB	AB
49	4JK21CS052	SARANG A V	AB	AB
50	4JK21CS053	SATVIK SHENOY K	AB	AB
51	4JK21CS054	SAYYIDATH AYISHA BEEVI	AB	AB
52	4JK21CS056	SHRADDHA SREEKUMAR	AB	AB
53	4JK21CS056	SHREYA G	AB	AB
54	4JK21CS057	SIDHARTH V NAIR	AB	AB
55	4JK21CS058	SNEHITH I	AB	AB
56	4JK21CS059	SONAL WILSON D SOUZA	AB	AB
57	4JK21CS060	UNNIKRISHNAN P V	AB	AB
58	4JK21CS061	VAISHNAVI	AB	AB
59	4JK21CS062	AKSHATHA	AB	AB
60	4JK21CS063	K R ADITHYA	AB	AB
61	4JK21CS064	MEGHA S GOWDA	AB	AB
62	4JK21CS066	SPOORITHI SHET	AB	AB
63	4JK22CS400	ADITYA AGNIHOTRI	AB	AB
64	4JK22CS401	KIYASATH RAHMAN	AB	AB
65	4JK22CS402	NAVEEN S ANKOLEKAR	AB	AB
66	4JK22CS403	PRAJEETH	AB	AB

S. S. Shetty
Mrs. Susha Shetty
 Co-ordinator

Dr. Antony J J
Dr. Antony J J
 Vice-Principal & HOD-CSE

Dr. Shastry
Dr. Shastry
 Principal
A.J. Institute of Engineering & Technology
 Mangaluru - 575 006

Date: 5-06-2024

Report on "Technical talk on Account of Environmental Day"

Name of the Program:	Technical talk on Land Restoration, Desertification and Drought Resilience	Program Dates & Timings:	5-06-2024 2:30PM – 4:00 PM			
Name & Details of the Resource Person:	<p align="center">Dr. Ganesh Arehole Professor & Associate Director at International Centre for Applied Sciences (ICAS), Manipal.</p>					
Organized by (Clubs/ Dept.)	Department of Civil Engineering	In Association with (clubs)	ECO Club			
Number of Participants	120	Students	11 2	Faculty	8	
Program Outcome (PO) Mapping	PO7, PO8, PO9, PO12					
Coordinators	<p align="center">Dr. Amarnath Shetty Professor, Dept. of Civil Engg</p>					

About the Program: Department of Civil Engineering in association with AJIET ECO club had organised Technical talk on Land Restoration, Desertification and Drought Resilience for AJIET students on 5th June 2024 on account of Worlds Environment Day in Seminar Hall-1 at 2:30 PM.



Principal

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World Environment Day is celebrated every year on June 5. It is a global event led by the United Nations to encourage awareness and action to protect the environment. The day aims to raise awareness about environmental issues and inspire people and governments to take action to protect the planet.

The theme for World Environment Day 2024, 'Land restoration, desertification, and drought resilience,' underscores the importance of restoring degraded land and building resilience to droughts and desertification. It highlights the critical role that land plays in sustaining life and fostering biodiversity.

Objectives: The program Technical talk on Land Restoration, Desertification and Drought Resilience enable students/ faculty to

- Raise awareness about the most pressing environmental challenges we face and inspire us to find solutions.

Outcomes: On successful completion of program of this Technical talk the student should able to:

- Understand how to save the environment and to protect the earth from various forms of pollution, climate change, overexploitation, etc.

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	-	-	-	-	-	-	3	2	2	-	-	2
Average	-	-	-	-	-	-	3	2	2	-	-	2



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Mangaluru - 575 006

Photo Gallery:




Coordinator


HOD


- 06/06/2024
Dean Academics


Principal


Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575 005



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Date: 29-05-2024

Report on Building Robust Web Apps: A Comprehensive MERN Workshop

Name of the Program:	Building Robust Web Apps: A Comprehensive MERN Workshop	Program Dates & Timings:	27-05-2024 to 29-05-2024 9:00 AM to 4.55 PM		
Name & Details of the Resource Person:	Mr. Mehboob Khan, Software Engineer, Thaniya Technologies, Mangalore				
Organized by (Clubs/ Dept.)	Department of Computer Science and Engineering	In Association with (clubs)	IoT & Developers club		
Number of Participants	66	Students	66	Faculty	-
Program Outcome (PO) Mapping	PO1, PO2, PO3, PO4, PO6, PO12				
Coordinators	Mrs. Snitha Shetty, Assistant Professor, Department of CSE Mrs. Sharon C DSouza, Assistant Professor, Department of CSE				

About the Program:

The department of computer science and engineering had organized a 3-day workshop on the topic Building Robust Web Apps: A Comprehensive MERN Workshop from 27th to 29th of May 2024 from 9:00am to 4.55pm. The resource person for the workshop was Mr. Mehboob Khan, Software engineer from Taniya Technologies, Mangalore.

The workshop was intended for the students 6th semester CSE as an extension to their course bearing subjectcode IPCC: 21CS62.

The Workshop started with inauguration session with a prayer song and lighting of the lamp. Mrs. Snitha Shetty, Assistant Professor, Dept. of CSE welcomed the gathering and introduced the resource person. The Principal Dr. Shantharama Rai C stated the importance of learning the content beyond syllabus to shine in the outside works. The Dean of academics Dr. P Mahabaleshwarappa congratulated the department for its efforts to introduce students to niche technologies. The Vice Principal and HoD of CSE encouraged students to take up certification courses and attend workshops to keep their profile placement ready. The session concluded with a vote of thanks from Mrs. Sharon C Dsouza, Assistant Professor, Dept. of CSE.

The topics covered during the workshop are given below

Day	Session 1	Session 2	Session 3
27-05-2024	Tools Installation HTML Basics CSS Basics JS Basics	Introduction to React Project Creation HTML, CSS, React React vs HTML	Introduction to MongoDB MongoDB Configs Packages Installations Introduction to Express JS, Node JS
28-05-2024	Designing Front End for blogging platform	Configuring Database Connections Design Backend APIs Testing for blogging platform	Connectivity to DB
29-05-2024	Designing Front End for product management platform	Configuring Database Connections Design Backend APIs Testing for product management platform	Connectivity to DB

Objectives: The objective of the workshop is

- Introduce students to effective ways to design applications.
- Understand the usage of API and creations on connectivity between frontend and backend.

Outcomes: On successful completion of program the student should able to:

1. Understand the fundamentals of MERN, MongoDB, React.
2. Develop APIs configuring BD connections for applications and designing front end and backend APIs

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	3		2	2		1						1
2		2	1									2
Average	3	2	1.5	2		1						1.5

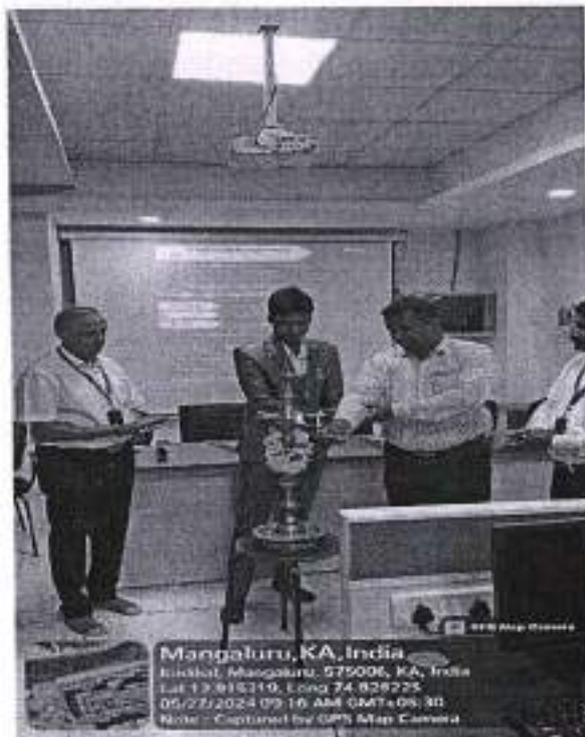
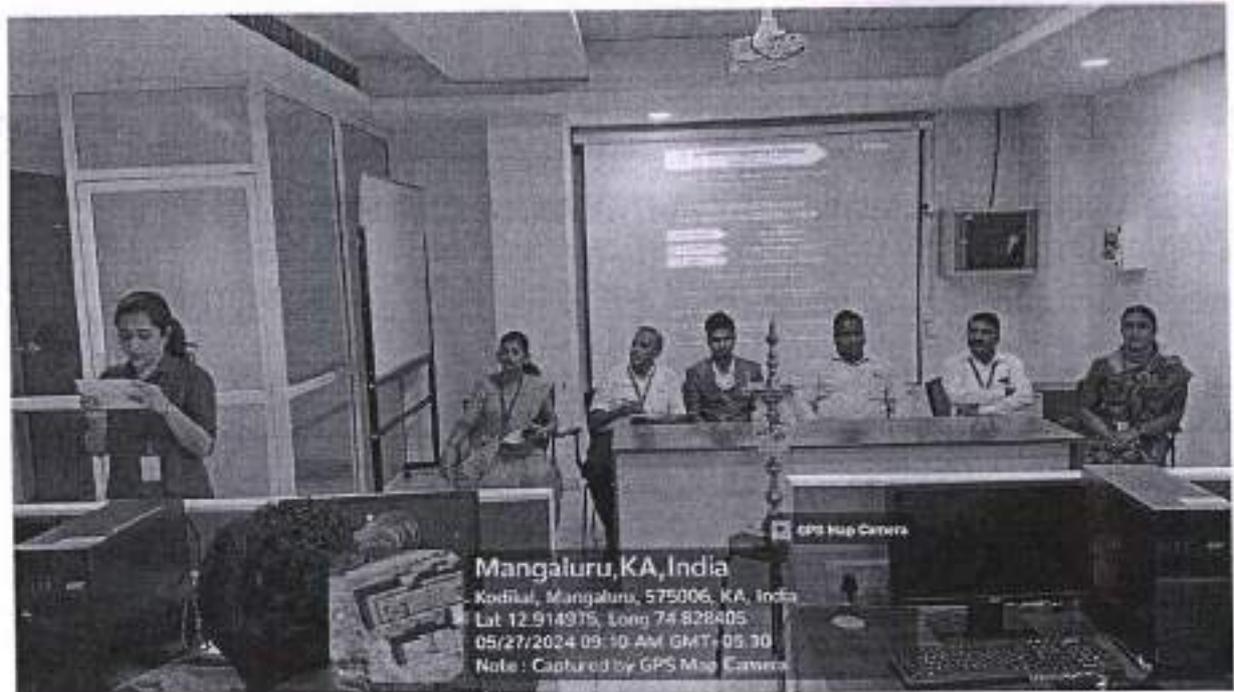
This workshop enabled the students to learn MERN stack which is not introduced in their curriculum which will give them an added advantage while developing the projects in future further. The workshop concluded with the students sharing their feedback on the workshop and the HoD handing over the token of appreciation from the college.



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Photos:



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A.J. Institute of Engineering & Technology
Mangaluru - 575 006



Snitha

Mrs. Snitha Shetty

Mrs. Sharon C D Souza

Coordinators

Antony

Antony

Dr. Antony P J

Vice-Principal
& HOD - CSE

P Mahabaleswarappa
03/04/2024

Dr. P Mahabaleswarappa

Dean - Academics

Shantharama Rai

Dr. Shantharama Rai C

Principal

A.J.Institute of Engineering and Technology, Mangaluru
 Department of Computer Science & Engineering in
 association with IoT & Developers Club

Hand on workshop on "BUILDING ROBUST WEB
 APPS: A COMPREHENSIVE MERN WORKSHOP"

Attendance List Academic Year:2023-24
 Date:17-05-2024

Sl.No	USN No	Name	9 to 11	11:15 to 1:30	2:30 to 4:30
1	4JK21CS001	ABHISHEK R	AB	AB	AB
2	4JK21CS002	ADARSH DAYANAND	Adarsh	Adarsh	Adarsh
3	4JK21CS003	ADITHI A SHETTY	Adithi	Adithi	Adithi
4	4JK21CS004	ADWITH SHETTY	Adithi	Adithi	Adithi
5	4JK21CS005	AKARSH S	Akarsh	Akarsh	Akarsh
6	4JK21CS006	AKSHAY SURESH M	Akshay	Akshay	Akshay
7	4JK21CS007	ALOKE P P	Aloke	Aloke	Aloke
8	4JK21CS008	AMARNATH K V	Amarnath	Amarnath	Amarnath
9	4JK21CS009	ANAUM FATHIMA SHAMEEM	Anaum	Anaum	Anaum
10	4JK21CS010	ANIRUDH V V	Anirudh	Anirudh	Anirudh
11	4JK21CS011	ARPITA SURESH NAIK	Arpita	Arpita	Arpita
12	4JK21CS012	ASWANATH SREEJITH	Aswanath	Aswanath	Aswanath
13	4JK21CS013	ASWIN SURESH M	Aswin	Aswin	Aswin
14	4JK21CS014	ATHIRA SANTHOSH	Athira	Athira	Athira
15	4JK21CS015	CHAITHANYASANKAR S	Chaithanyasankar	Chaithanyasankar	Chaithanyasankar
16	4JK21CS016	DARSHAN	Darshan	Darshan	Darshan
17	4JK21CS017	DHRITI R SHERIGAR	Dhritya	Dhritya	Dhritya
18	4JK21CS019	FROJAS JOSEPH	Frojas	Frojas	Frojas
19	4JK21CS020	GURURAJ SHIVARAM	Gururaj	Gururaj	Gururaj
20	4JK21CS021	H P RAHUL	Rahul	Rahul	Rahul
21	4JK21CS022	ISHA S SHETTY	Isha	Isha	Isha
22	4JK21CS023	JEEVITH H R	Jeevitha	Jeevitha	Jeevitha
23	4JK21CS024	JEWEL CHRISTANAND PISSE	Jewel	Jewel	Jewel
24	4JK21CS025	KARTHIK GANAPA R	Karthik	Karthik	Karthik
25	4JK21CS026	KEVIN SAMU	Kevin	Kevin	Kevin
26	4JK21CS027	KHALIFA BIN USMAN	Khalifa	Khalifa	Khalifa
27	4JK21CS028	KUSHAL D	Kushal	Kushal	Kushal
28	4JK21CS029	LEKHA	Lekha	Lekha	Lekha
29	4JK21CS030	LIKHITH KUMAR	Likhith	Likhith	Likhith
30	4JK21CS031	MANASA M SHETTY	Manasa	Manasa	Manasa
31	4JK21CS033	MOKSHITHA S N	Mokshitha	Mokshitha	Mokshitha
32	4JK21CS034	MUHAMMED RAFAD P	Muhammed	Muhammed	Muhammed
33	4JK21CS035	MUHAMMED SHAHIR A K	Muhammed	Muhammed	Muhammed
34	4JK21CS036	NAGAVARSHINI	Nagavarshini	Nagavarshini	Nagavarshini
35	4JK21CS037	NANDANA JAYARAM	Nandana	Nandana	Nandana
36	4JK21CS038	NANDANA SURESH	Nandana	Nandana	Nandana
37	4JK21CS039	NIKSHITHA	Nikshitha	Nikshitha	Nikshitha
38	4JK21CS040	NISHA	Nisha	Nisha	Nisha
39	4JK21CS041	NISHITHA	Nishitha	Nishitha	Nishitha
40	4JK21CS042	NITHESH S KOTIAN	Nithesh	Nithesh	Nithesh
41	4JK21CS043	PANCHAMI V GUNAGA	Panchami	Panchami	Panchami
42	4JK21CS044	PRARTHANA G	Prarthana	Prarthana	Prarthana
43	4JK21CS046	PRATHAM V ASAIGOLI	Pratham	Pratham	Pratham
44	4JK21CS047	PRATHVI	Prathvi	Prathvi	Prathvi
45	4JK21CS048	RAKSHITHA SHETTY	Rakshitha	Rakshitha	Rakshitha
46	4JK21CS049	S ARAVIND	Aravind	Aravind	Aravind
47	4JK21CS050	SAISUJANYA B S	Saisujanya	Saisujanya	Saisujanya
48	4JK21CS051	SANVITHA S ACHARYA	Sanvitha	Sanvitha	Sanvitha
49	4JK21CS052	SARANG A V	Sarang	Sarang	Sarang
50	4JK21CS053	SATVIK SHENOY K	Satvik	Satvik	Satvik
51	4JK21CS054	SAYYIDATH AYISHA BEEVI	Sayyidath	Sayyidath	Sayyidath
52	4JK21CS055	SHRADDHA SREEKUMAR	Shraddha	Shraddha	Shraddha
53	4JK21CS056	SHREYA G	Shreya	Shreya	Shreya
54	4JK21CS057	SIDHARTH V NAIR	Sidharth	Sidharth	Sidharth
55	4JK21CS058	SNEHITH I	Snehitha	Snehitha	Snehitha
56	4JK21CS059	SONAL WILSON D SOUZA	Sonal	Sonal	Sonal
57	4JK21CS060	UNNIKRISHNAN P V	Unnikrishnan	Unnikrishnan	Unnikrishnan
58	4JK21CS061	VAISHNAVI	Vaishnavi	Vaishnavi	Vaishnavi
59	4JK21CS062	AKSHATHA	Akshatha	Akshatha	Akshatha
60	4JK21CS063	K R ADITHYA	K R Adithya	K R Adithya	K R Adithya
61	4JK21CS064	MEGHA S GOWDA	Megha	Megha	Megha
62	4JK21CS065	SPOORTHI SHET	Spoorthi	Spoorthi	Spoorthi
63	4JK22CS400	ADITYA AGNIHOTRI	Aditya	Aditya	Aditya
64	4JK22CS401	KIYASATH RAHMAN	Kiyasath	Kiyasath	Kiyasath
65	4JK22CS402	NAVEEN S ANKOLEKAR	Naveen	Naveen	Naveen
66	4JK22CS403	PRAJEETH	Prajeeth	Prajeeth	Prajeeth

Mrs. Snitha Shetty
Co-ordinator

Dr. Anand P J
Vice-Principal
HOD-CSE

Dr.P Mahabaleswarappa
Dean-Academics

Dr.Shantharama Rai C
Principal



A J INSTITUTE OF ENGINEERING & TECHNOLOGY, MANGALURU

(A Unit of Laxmi Memorial Educational Trust ®)

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Name of the Event	“AAKAR 2024”
Organised By	A J Institute of Engineering and Technology
Chief-Coordinator Name	Dr.Amanath Shetty
Staff Coordinators	Dr. Rithin Kumar N B & Mrs. Thrapthi Shetty
Student coordinators:	Ms Prakruthi S Shetty, Mr Rahul D Shetty, Ms Aksha Shetty, Mr Hardik Rai, Ms Namratha Shetty, Mr Vaishishta P, Ms Greeshma C Poojary, Mr Abhishek Kumar, Mr Bhuvan Shetty, Mr Athreya Shankar
Date	5 th & 6 th May 2024

Description about the Event:

On May 5th and 6th 2024, A J Institute of Engineering & Technology, Mangaluru, organized its intercollegiate Techno-Cultural fest "AJIET AAKAR-2024" with the tagline "Your Stage Your story" at AJIET Campus. The AJIET AAKAR-2024 is a splendid platform to show off students' technical as well as cultural talents; an opportunity to acquire feedback from professional entertainers; and an enthusiastic audience to watch and encourage the talents. The event witnessed both cultural and technical events on these days.

The event began with a marvelous welcome dance along with other entertainment performed by the students of our college. The formal inauguration of AAKAR 2024 was held on May 5th, 2024, at the Main Stage as a Chief Guest -The Vice President Mr. Prashanth Shetty, Laxmi Memorial Education Trust Mangalore, along with Principal Dr. Shanbharama Rai C, Dr P Mahabaleswarappa-Dean Academics, Dr. Amarnath Shetty-Chief Coordinator, Staff Coordinators-Dr. Rithin Kumar N B and Mrs. Thrapthi Shetty, and the student coordinators.

The Students Ms. Vidhathi Bhar and Ms.Pratheeksha led the prayer, which was followed by Chief Coordinator Dr. Amarnath Shetty's welcome speech. The dignitaries on the dais were welcomed. The event was inaugurated by lighting the lamp by the dignitaries on the dais along with the student coordinators.

Mr.Prashanth Shetty, Vice President, LMET delivered a captivating presidential address that set the tone for AAKAR-2024. Dr Rithin Kumar N.B shared profound insights into the essence of AAKAR 2024. The function proceeded by the Principal presenting a memento to the Vice president as a token of gratitude. Finally, the event was concluded with a vote of thanks by Mrs.Thrapthi Shetty. Mr. Druv Shetty, IV CSE was the master of ceremony for the event. The program was witnessed by HOD's of various department, Staff members, Students of AJIET and from other colleges.



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The prize distribution ceremony was held on May 6, 2024, at the main stage, presided over by Principal, Dr. Shantharama Rai C, Dr P Mahabaleswarappa-Dean Academics, Dr. Amamath Shetty-Chief Coordinator, Staff Coordinators-Dr. Rithin Kumar N B and Mrs. Thrapthi Shetty and student coordinators of Aakar 2024. Faculty Ms.Kavitha V V and Ms.Kruthika of certificate committee announced the winners of various events held on both days. The Overall Championship Trophy was triumphed by MITE, Moodahidri, and the runner-up trophy was bagged by SDM, Mangaluru. In the delightful evening after the prize distribution, the function ended with Concert for entertaining the student's audience.

EVENTS:

Cultural Events:

1. Moves and Grooves(Group Dance)
2. Rhythms(Solo Dance)
3. Pitch and Perfect(Solo Singing)
4. Swara Milana (Group Singing)
5. Vaividhya(Variety)
6. Mad Ad's
7. Yaksha Nruthya
8. Reel It Feel it (Reels)
9. Cineshort (Short Film)
10. Clash of Pens (Shoot your shot in a minute)
11. Paint Me Pretty(Face Painting)
12. Chromatic Shades (Rangoli)
13. Artistica (Pencil Sketch)
14. Digital dreams (Photography)
15. Glamour Glitz Gala (Fashion show)
16. Slow and Furious(Slow bike Race)
17. Gully cricket

Technical Events:

1. Code Wars
2. Blind Coding
3. Debugging
4. Circuitronix (Circuit Building)
5. Master CAED (CAED Sketching)
6. Trial by Trivia (General Quiz)
7. Diamond Rush (Treasure Hunt)
8. JAM (Just a Minute)
9. Escape Room
10. Robo Soccer
11. Robo Sumo

Gaming Events:

1. Sumanji (Ludo)
2. NFS
3. BGM!
4. Valrant
5. Pani Puri Face off



A J INSTITUTE OF ENGINEERING & TECHNOLOGY, MANGALURU

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Photos of the Event



Staff Coordinator 1

Dean Academics

Thayya
Staff Coordinator 2

Chief Coordinator

Principal

A.J. Institute of Engineering & Technology
Mangaluru - 575 006

C.C. to: 1. President - LMET
2. Vice President - LMET



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

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Automotive Club

Date: 01-04-2024

Report on

"Auto Expo 2024"

Name of the Program	:	Auto Expo				
Program Dates & Timings	:	30-04-2024/ 9:00 AM to 1:00 PM				
Name & Details of the Resource Person	:	Mr. Santosh Rodrigues, Partner – Karnataka Agencies Mangalore, Dealers for Mahindra & Mahindra Ltd. Mangalore.				
Organized by (Clubs/ Dept.)	:	Automotive Club, Mechanical Engineering				
In Association with	:	ARMS – Mechanical Engineering				
Number of Participants	:	100	Students	90	Faculty	10
Program Outcome (PO) Mapping	:	PO1, PO2, PO3, PO5, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2.				
Coordinators	:	Dr. Sunil Kumar S				

About the Program:

A 1- day event of Auto Expo was organised on 30th April 2024 by Automotive Club of AJIET in association with ARMS of Mechanical Engineering. The event was witnessed by the expert bikers and car motorists. Advanced automobile models, debuts, concept cars, or out-of-production classics were exhibited in AJIET campus.

The inaugural session was started at 9:30 AM in seminar hall 1. The session was presided by the Principal of AJIET and the chief guest of the event was Mr. Santosh Rodrigues, Partner – Karnataka Agencies Mangalore, Dealers for Mahindra & Mahindra Ltd. Mangalore. He addressed the gathering on the fun of driving. The Principal addressed the gathering on importance of Mechanical Engineering along with the soft tools and opportunities in automotive sectors. The chief guest addressed the audience on technology of customising automotive vehicles. The

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session was followed by the exhibition of the customised cars and super bikes along with the advanced high-tech cars. The event was made colourful by the cultural team of AJIET.

Objectives: The program "Auto Expo" enable students/ faculty to

1. Understand the basics of customised vehicles.
2. Design, Analyse and build automobiles.
3. Be a leader of a team and effectively communicate with all level of students.
4. Develop the skills of managing the event and its finance.

Outcomes: On successful completion of program of this event, the student should able to:

1. Gain knowledge on building automotive.
2. Design, analyse and build vehicles as per standards.
3. Learn management skills.
4. Confidently answer automobile related interviews and get placed in related companies.

Course Outcomes of Automotive Club:

The members of Automotive Club will be able to

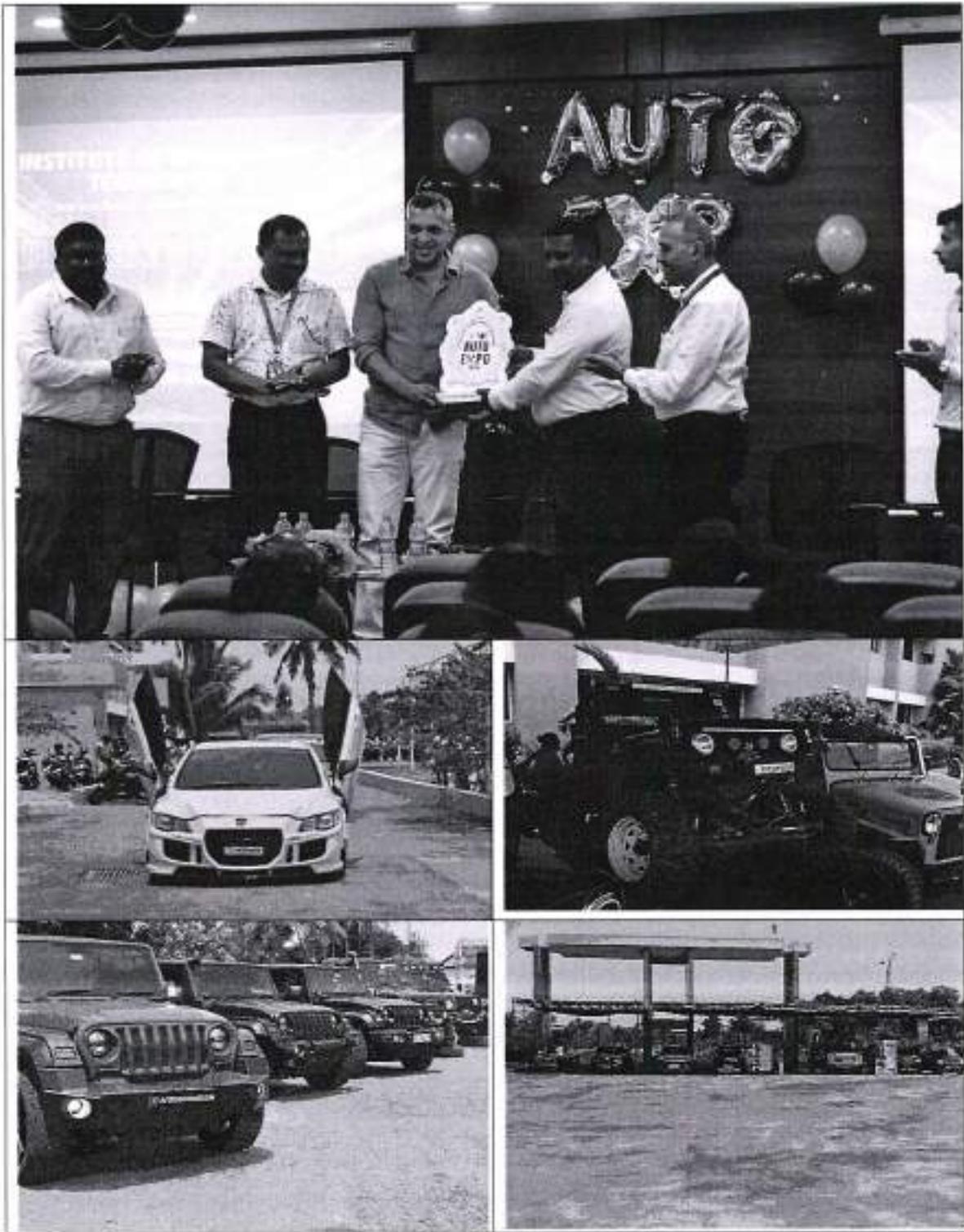
1. Understand the basics of Automobiles and their construction.
2. Design, Analyse and build Automotive vehicles as per National and International standards.
3. Develop leadership qualities and effectively communicate with all level of organization.
4. Develop the skills of Project management, marketing and financial issues related to materials procurement, advertising, organising events and taking part in the events.

Articulation Matrix:

Course Outcomes	Program Outcomes POs												PSOs of Dept. of ME	
	1	2	3	4	5	6	7	8	9	10	11	12	PSO 1	PSO 2
1	2												2	2
2	2	2	2		3								2	2
3								2	3	3		2	2	2
4								2	3	3	3	2	2	2
Average	2	2	2		3			2	3	3	3	2	2	2


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Photos:




Coordinator


Dean Academics


Principal

Principal
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A. J. Institute of Engineering and Technology Mangaluru



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email : ajenggcollege@gmail.com | website : www.ajiet.edu.in

EXAM REFORMS

INTERNAL ASSESSMENT MARKS

- There shall be a maximum of 20 Internal Assessment Marks in each theory or practical paper. For seminars, the Internal Assessment marks shall be 50.
- The Internal Assessment marks in a theory paper shall be based on two tests generally conducted at the end of 6th and 12th week of each semester. An additional test may be conducted for the desirous students before the end of the semester to give an opportunity to such students to improve their Internal Assessment Marks, subject to the provisions of 15OB 4.13. The test shall be answered in Blue Books with pages serially numbered. These blue books shall be kept in the custody of the Principal of the College until after one month from the date of announcement of the result by the University. These shall be made available to University authorities for verification as per the directions of the Registrar (Evaluation)/ Registrar.
- Average of the better marks obtained from any two tests shall be the Internal Assessment Marks for the relevant subject.
- If a student remains absent for all the Internal Assessment tests conducted, the Internal Assessment Marks shall be marked as AB for the subject against the University Seat Number (USN) of the student in the marks sheet submitted to the University by the Principal of the College.
- In the case of a Practical, the IA marks shall be based on the laboratory journals/reports and one practical test.
- The IA marks for I year Computer Aided Engineering / Drawing: a) 12 marks for class work (sketching and Computer Aided engineering drawing). b) 08 marks for test in the same pattern as that of the main examination [better of the two tests] ii) The IA marks for other Drawings and Design Drawings offered by various branches shall be based on the evaluation of the sheets and one test in the ratio 60:40
- The IA marks in the case of projects and seminars in the final year shall be based on the evaluation at the end of 8th semester by a committee consisting of the Head of the

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concerned Department and two senior faculty members of the Department, one of whom shall be the project / seminar guide.

- The final list, incorporating corrections (if any) of IA marks awarded to the students in the Theory/Practical/Internship/Project work/ Seminar, shall be displayed on the notice board of the college at least seven days before the closure of the semester and a certified copy of the same shall be sent by the Principals to the University Examination Section within the stipulated date. Every page of the IA marks sheet shall bear the signatures of the concerned Teacher/Teachers, Head of the Department and Principal.
- Any corrections or over writing of IA marks shall bear the signature(s) of concerned Teacher(s) and in such cases the Head of the Department shall on every sheet indicate the number of corrections and attest it with his signature.
- A student failing to secure a minimum of 50% of the IA marks in Practical/Internship/Project work shall not be eligible for the Practical /Internship/Project of the University examination.
- For seminars, the minimum requirement of IA marks shall be 40% of the maximum.
- A student who scores less than be 40% of the maximum shall repeat the laboratory work/Internship/project work during the subsequent semester(s) and secure at least the minimum marks prescribed.
- For theory subjects, there shall not be any minimum requirements of IA marks.
- Improvement of IA marks shall not be allowed a. In theory subjects and b. In Laboratory/Workshop/Seminar/ Internship / Project where the student has already secured the minimum required marks
- IA marks of those students, who score less than be 40% of the maximum, shall be sent separately to the Registrar (Evaluation).
- IA marks shall reach the University before the commencement of examination as per the notification from the office of the Registrar (Evaluation) from time to time. After the submission of Internal Assessment marks to the University, any request for change of IA marks shall not be considered under any circumstances.

ELIGIBILITY FOR PASSING

- A student who obtained Grades O to E shall be considered as passed and if a student secured "F" grade in any of the head of passing he /she has to reappear for the examination.


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- For a pass in a theory subject/drawing, the student shall secure minimum of 35% of the maximum marks prescribed in the University examination and 40% of marks in the aggregate inclusive of the IA marks. i.e. Minimum Passing Grade is "E".
- For a pass in a Practical/Internship/Project/Viva-voce examination, a student shall secure a minimum of 40% of the maximum marks prescribed for the University Examination in the relevant Practical/Internship/Project/Viva-voce. i.e. Minimum Passing Grade in a course is "E".
- For a pass in Seminar, a student shall secure a minimum of 40% of the maximum marks prescribed. i.e. Minimum Passing Grade is "E".
- The students who fail to secure minimum of 40% and the student who remains absent shall be deemed to have failed in that subject and may reappear for the University examination in the subsequent examinations. However, the IA marks awarded to the student/s at first attempt in the concerned theory subject will be carried forward. In case of Practical/Internship/Projects/Seminar revised marks will be taken.
- The student who passes a course of a semester shall not be allowed to appear for the same again, unless he/she opts for rejection of results.
- A student may, at his/her desire, reject his/her total performance of a semester (including IA marks) or he/she may reject the result of his/her performance in University examination of a semester only. The rejection is permitted only once during the entire course of study.
- The student who desires to reject the performance shall reject performance in all the courses of the semester, irrespective of whether the student has passed or failed in any subject. However, the rejection of performance of 8th semester project result shall not be permitted.
- A student, who desires to reject the total performance of the semester including Internal Assessment, has to take readmission for the relevant semester. Application for such readmission shall be sent to the Registrar through the Principal of College within 30 days from the date of the announcement of the results. Late submission of application shall not be accepted for any reasons. Readmission to First semester in such cases shall not be considered as fresh admission i.e., the student will continue to have the same University Seat Number, which was allotted earlier. The course duration permitted will be counted as per old USN
- The student, who desires to reject only the results of University examination of a semester and does not desire readmission, shall be permitted to re-appear for examinations of all the


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subjects of the semester in the subsequent examinations. However, the IA marks obtained by the student in the rejected semester shall be retained. Applications for such rejection shall be sent to the Registrar (Evaluation) through the Principal of the College within 30 days from the date of announcement of the results. Late submission of applications shall not be accepted for any reasons. If the rejection of the University examination results of the semester happens to be of the odd semester, the student shall be allowed to take admission to the immediate next even semester. However, if the rejection of the University result is of the even semester, the student shall not be allowed to take admission to the next odd semester.

- Such students who opt for rejection at final year are eligible for the award of class and distinction at the B.E./ B.Tech. degree level, but are not eligible for the award of ranks.
- A student shall be declared to have completed the program of B.E. / B.Tech., degree, provided the student has undergone the stipulated course work as per the regulations and has earned at least 200 Credits.

MAXIMUM DURATION FOR COURSE COMPLETION

- A student who has not obtained the eligibility for third semester after a 9 period of three academic years from the date of first admission shall discontinue the course. However, the student is eligible for readmission for first year B.E./B.Tech. in respective College of the University and he/ she shall be allotted a University Seat Number (USN) without any change in the year of admission in the USN but the serial number of the student shall start with six hundred (6XX) series in the same branch.
- The student admitted to 1st year B.E/ B.Tech. shall complete the course within a period of eight academic years from the date of first admission, failing which he/she has to discontinue the course. The students admitted under lateral entry scheme (2nd Year B.E./B.Tech.) shall complete the course within a period of six academic years from the date of first admission, failing which he/she has to discontinue the course.

PROMOTION AND ELIGIBILITY FOR THE EXAMINATIONS

- There shall not be any restriction for promotion from an odd semester to the next even semester, provided the student has fulfilled the attendance requirement.


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- A student shall be eligible for promotion from an even semester to the next odd semester (i.e. of the next academic year) if the student has not failed in more than four heads of passing of the immediately preceding two semesters and has passed in all the subjects of all the lower semester examinations. A theory or practical shall be treated as a head of passing.

Illustrations

- a. A student seeking eligibility to 3rd semester should not have failed in more than 4 heads of passing of first and second semesters taken together. b. A student seeking eligibility to 5th semester should have passed in all the subjects of 1st and 2nd semesters and should not have failed in more than 4 heads of passing of third and fourth semesters taken together. c. A student seeking eligibility to 7th semester should have passed in all the subjects up to 4th semester and should not have failed in more than 4 heads of passing of 5th and 6th semesters taken together.
- The Subjects:

1. Constitution of India, Professional Ethics and Human Rights, and
2. Environmental Studies

are Mandatory Non-Credit Courses; these subjects shall not be considered for the Eligibility for promotion, award of Class, calculation of SGPA and CGPA. However, a pass in the above subjects is mandatory before the completion of Degree.


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Examination Reforms

Internal Assessment for 2021 Scheme (Higher Semester)

For Theory Subject

- Internal Tests (Each 20 Marks)
 1. Internal Assessment-1 after 5 Weeks
 2. Internal Assessment-2 after 10 Weeks
 3. Internal Assessment-3 after 15 Weeks

- Assignment (Each 10 Marks)
 1. Assignment-1 after 4th Week
 2. Assignment-2 after 9th Week

- Quiz (20 Marks)

Seminar/ Quiz/ Group Discussion after 13th Week

For Integrated Subjects

- Internal Tests (Each 20 Marks)
 1. Internal Assessment-1 after 5 Weeks
 2. Internal Assessment-2 after 10 Weeks

- Assignment (Each 10 Marks)
 1. Assignment-1 after 4th Week
 2. Assignment-2 after 9th Week

- Lab (20 Marks)
 1. Continuous Lab Evaluation (15 Marks)= Design (3M)+ Execution (4M)+Viva (3M) +Record (5M)
 2. Practical Exam (5M)


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For Lab (Continuous Evaluation 30 Marks)

1. Design (5M)+ Execution (10M)+Viva (5M) +Record (10M)
2. Practical Exam (20 Marks)
 - Practical Exam -1 after 8th Week (Write-up & Execution (60%) + viva (40%))
 - Practical Exam -2 after 14th Week (Write-up & Execution (60%) + viva (40%))

Social Connect & Responsibility

1. Planning & Scheduling (10 Marks)
2. Information/Data collected during the social connect (20 Marks)
3. Analysis of the information/data and report writing (20 Marks)


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Examination Reforms

23.11.2022

Following Rules & Regulations were framed with respect to Internal Assessment Test

1. Students should be inside the allotted Classroom at least 10 Mins before the commencement of the Test. If any Student fails to do so, will not be allowed to take up the Internal Assessment of that slot.
2. If any Student is absent during IA due to representing the College/VTU in Technical/Cultural/Sports (Prior permission from HOD is must) shall be given the missed internal after completion of all the 3 internals.
3. Faculties have to submit the list of Students those who are absent during the 3 internals to HOD and Based on the Recommendation of HOD, internal can be given.
4. Students those who are absent for the internal due to medical reason shall be given an opportunity to write internal only he/she having minimum attendance of 85% and producing Valid Medical Certificate.
5. If any Student found in any kind of Malpractice during the test, shall attend a disciplinary meeting along with the Parents.
6. Based on the decision taken during Disciplinary Committee meeting Students shall be Penalized/ suspended from taking up remaining internal test.


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23.11.2022

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3. Faculties have to submit the list of Students those who are absent during the 3 internals to HOD and Based on the Recommendation of HOD, internal can be given.
4. Students those who are absent for the internal due to medical reason shall be given an opportunity to write internal after completion of all the 3 internals. He/she is eligible to take up internal only if he/she should have minimum attendance of 85% and producing Valid Medical Certificate.
5. If any Student found in any kind of Malpractice during the test, should attend a disciplinary meeting along with the Parents on the prescribed date. If Fails to attend the meeting he/she will not be allowed to class until parents meet the Disciplinary Committee Head.
6. Based on the decision taken during Disciplinary Committee meeting Students will be Penalized/ suspended from taking up remaining internal test.
7. No additional Internal will be given to a student who has been booked under malpractice and marks will be entered as "zero".


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*HOD/ Chief Superintendent Should make sure all the above rules & regulations will be followed.



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Examination Reforms

17.07.2023

Following Rules & Regulations were framed with respect to Internal Assessment Test during HoD's meeting.

1. All the faculties should follow the updated Question Paper Pattern which is Discussed and approved in IQAC.
2. *With Respect to 1st Years:*
 - a) all the course instructors need to submit the Question papers to 1st Year IA Coordinator in sealed envelope at least 1 week Before the Scheduled Internal.
 - b) IA coordinator shall submit the QP of Particular Branch to Respective HOD for Scrutiny.
 - c) security of question paper will be scheduled by the central committee at least 5 days before the commencement of the IA test.
 - d) Each HOD's in presence of Domain Expert, AAC member, IA Coordinator shall scrutinize the question paper, Scheme and Approve/ Reject the QP.
 - e) Rejected question Paper will be sent back to respective course instructor for the corrections/ modifications.
 - f) Approved QP will be sent to 1st year coordinator who will Select the QP and Proceed for Printout.
 - g) on the day of IA, Question Paper will be distributed to Respective Class rooms in presence of 1st Year Coordinator & Deputy Superintendent.
3. Question Papers must contain RBT Levels and Course outcomes which will map to the respective Questions.
4. For Assignment component, any 2 Assignment methods shall be followed which attains all the course outcomes.


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Examination Reforms

Internal Assessment for 2021 Scheme (Higher Semester)

For Theory Subject

- Internal Tests (Each 20 Marks)
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 2. Internal Assessment-2 after 10 Weeks
 3. Internal Assessment-3 after 15 Weeks

- Assignment (Each 10 Marks)
 1. Assignment-1 after 4th Week
 2. Assignment-2 after 9th Week

- Quiz (20 Marks)

Seminar/ Quiz/ Group Discussion after 13th Week

For Integrated Subjects

- Internal Tests (Each 20 Marks)
 1. Internal Assessment-1 after 5 Weeks
 2. Internal Assessment-2 after 10 Weeks

- Assignment (Each 10 Marks)
 1. Assignment-1 after 4th Week
 2. Assignment-2 after 9th Week

- Lab (20 Marks)
 1. Continuous Lab Evaluation (15 Marks)= Design (3M)+ Execution (4M)+Viva (3M)+Record (5M)
 2. Practical Exam (5M)

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For Lab (Continuous Evaluation 30 Marks)

1. Design (5M)+ Execution (10M)+Viva (5M) +Record (10M)
2. Practical Exam (20 Marks)
 - Practical Exam -1 after 8th Week (Write-up & Execution (60%) + viva (40%)
 - Practical Exam -2 after 14th Week (Write-up & Execution (60%) + viva (40%)

Social Connect & Responsibility

1. Planning & Scheduling (10 Marks)
2. Information/Data collected during the social connect (20 Marks)
3. Analysis of the information/data and report writing (20 Marks)


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EXAM REFORMS

28.03.2024

As per the Discussion held During HOD's Meeting following Reforms have been brought with respect to Marks Splitup for CIE in IPCC subject, Lab and Mini project along with Lab for 2021 and 2022 Scheme.

2022 SCHEME

Subject Type	Record	Observation & Conduction	VIVA	Total
IPCC	5	7	3	15
Lab	10	14	6	30
Mini Project	10	14 (8-observation & Conduction and 6- Mini Project)	6	30

2021 SCHEME

Subject Type	Record	Observation & Conduction	VIVA	Total
IPCC	5	7	3	15
Lab	10	14	6	30
Mini Project	10	14 (8-observation & Conduction and 6- Mini Project)	6	30


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Date: 02-03-2023

STUDENT MONITORING SYSTEM

CORRECTIVE MEASURES

(Academic Year 2022-2023)

Following First year students have been addressed individually by the student welfare committee coordinator with respect to the issues related to their academic performance and irregularity.

First year CSE: Veerabadra M

First year ISE: Muhammed Kalander

First year MECH: Alan Prem

First year CIVIL: Jeevitha

- Instructed them to attend the classes regularly.
- Advised them to practice by writing the theories/ diagrams and programmatic subjects.
- Suggestions have been given to the above students to score good marks by framing the time table for daily practice.


Coordinator - Students Welfare


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Date: 30-01-2023

STUDENT MONITORING SYSTEM

CORRECTIVE MEASURES

(Academic Year 2022-2023)

Following First year students have been addressed individually by the student welfare committee coordinator with respect to the issues related to their academic performance and irregularity.

First year CSE: Jesvin George, Justin PS, Veerabadra M

First year ISE: Muhammed Kalander

First year MECH: Alan Prem

First year CIVIL: Jeevitha

- Suggestions have been given to the above students to score good marks by framing the time table for daily practice.
- Advised them to practice by writing the theories/ diagrams and progmatic subjects.
- Advised them to attend the classes regularly.


Coordinator - Students Welfare


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MENTORING REPORT- 1- (2022-23) EVEN SEMESTER -FIRST YEAR CSE

Sl.No	Faculty mentor	Number of mentees reported/Counselled	Date of counselling	Matter of discussion	Students difficulties and Suggestions given by the Mentor
1	Dr. Shantha Kumari K	15	26/05/2023	Discussed about the performance in the Semester Exam and Current Semester Subjects	Advised to be regular to all Classes
			02/06/2023	Discussed about the Results	Out of 15 students, 8 students cleared all subjects, One student failed in 5 subjects. The main reason for this is lack of basic knowledge.. Two students failed in Maths, but they are confident about their writing. So suggested them to apply for reevaluation. Remaining 4 students failed in 2 or 3 subjects. Main reason was lack of Practice Problematic subjects. Informed the failed students to start their preparation for their second attempt exam now itself.
2	Dr. Sadananda Kumar N	16	26/05/2023	Academic and disciplinary matters discussed	Informed to the students that attend the classes regularly and follow the institutional disciplines
			02/06/2023	I semester results discussed	12 students cleared all subjects. Two students failed in 3 and 5 subjects respectively. The main reason for this is irregular to the classes and lack of concentration. Two students failed in Maths, reason was lack of Practice in Problematic subjects. Informed the failed students to start their preparation for their second attempt.
3	Ms. Prafulla K R	16	02/06/2023	Discussed about first semester results and current semester subjects	Advised failed students to take current semester subjects seriously from the beginning itself
4	Dr. Sangeetha D M	16	26/05/2023	Discussed about first semester results, regularity in classes. Backlog subjects, extra curriculum activities and plans for mini project of this semester. Few students had less marks in IOT and failed in Maths.	Suggested to be regular to classes and improvise in academics. For those students who scored good marks - suggested to keep improving. For average students- suggested putting little extra effort in studying. For backlog students- suggested to study well and clear this semester. Most of the CSE students had average marks in IOT- advice to improve themselves in their field of study. Suggested to participate in extracurricular activities also and work on mini projects to have better exposure of technical knowledge.


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MENTORING REPORT- 1- (2022-23) EVEN SEMESTER -FIRST YEAR ISE

Sl.No	Faculty mentor	Number of mentees reported/Counselled	Date of counselling	Matter of discussion	Students difficulties and Suggestions given by the Mentor
1	Vishmitha Shetty	15	29/5/2023	Discussed about first semester result ,second semester subjects and attendance status .Also discussed about the subjects their facing difficulty in this semester and one of the student have failed in ETC subject and has better result in rest	Most of the students find C++ subject difficult to understand. So the students those who find difficulty are advised to contact the respective faculty .Also the one who have not cleared a subject has been advised to put for revaluation and rest of the students have shown improvement in their result
2	Dr Shobhitha Shetty	15	29/05/2023	i. Discussed about first semester results: All the 15 allotted mentees cleared in all the subjects ii. Discussed about the even semester regularity iii. Discussed and guided about second semester subjects	Advised all the students to be up to date with all the subjects and score good grade points in second semester
			05/06/2023	i. Discussed about the attendance regularity ii. Discussed about the Individual subjects understanding level and comfort: Out of Fifteen students twelve students reported difficulty in understanding C++ subject.	Advised to be regular to all Classes. Suggested to meet the respective subject faculty to discuss about the fundamental concepts and to clear all the doubts.
3	Dr Rithin Kumar N B	14	29/05/2023	Academic and disciplinary matters discussed	Advised to put in extra effort in order to improve on first semester's grades and attend classes on time
			05/06/2023	Discussed the results of the first semester, the subjects for the second semester, and attendance records. The discussion about the challenging subjects in this semester is also done.	Eleven of the fourteen students received perfect grades. Three received fail grades. The primary cause of this is a lack of fundamental knowledge. Although one student struggled in maths, and one in IOT they felt competent in their writing. So it was suggested them to file for revaluation. The one student received failing grades in maths due to absence for semester exam. Lack of Practise in Problematic subjects was the main factor. Advised failed pupils to begin studying as soon as possible for their upcoming exam.

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MENTORING REPORT- 1- (2022-23) EVEN SEMESTER -FIRST YEAR ISE

Sl.No	Faculty mentor	Number of mentees reported/Counselled	Date of counselling	Matter of discussion	Students difficulties and Suggestions given by the Mentor
4	Mr. Vinod D'souza	15	05/06/2023	Discussed about the first semester results, regularity in classes. Backlog subjects, extra curriculum activities and plans for mini project of this semester. The discussion about the subjects of second semester is also done.	Suggested to attend the classes regularly and improvise in academics. For those students who scored good marks - suggested to keep improving. For average students- suggested putting little extra effort in studying. For backlog students- suggested to study well and clear this semester. 3 students are having 2 backlog subjects. Advised to clear those subjects in the coming exams.

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MENTORING REPORT- 1- (2022-23) EVEN SEMESTER -FIRST YEAR ECE

Sl.No	Faculty mentor	Number of mentees reported/Counselled	Date of counselling	Matter of discussion	Students difficulties and Suggestions given by the Mentor
1	Dr. Pavitra Shanbhag	15	02/06/2023	Discussed about first semester result, second semester subjects	Advised students to concentrate on studies and practice problems regularly. those who are unable to clear the first semester subjects are advised to clear that subjects in next attempt
2	Mrs. Smitha G Kini	15	02/06/2023	Discussed about first semester result, second semester subjects	Advised students to concentrate on studies and practice problems regularly. those who are unable to clear the first semester subjects are advised to clear that subjects in next attempt
4	Mrs. Deepashree A P	16	15/06/23	Discussed about first semester result, second semester subjects.	advised to focus on second sem subject so that they will become good at basics
4	Thrapthi Shetty	16	02/06/2023	Discussed about first semester result, second semester subjects.	Advised students to concentrate on studies and practice problems regularly. those who are unable to clear the first semester subjects are advised to clear that subjects in next attempt


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MENTORING REPORT- 1- (2022-23) EVEN SEMESTER -FIRST YEAR MECH

Sl.No	Faculty mentor	Number of mentees reported/Counselled	Date of counselling	Matter of discussion	Students difficulties and Suggestions given by the Mentor
1	Dr. Sujaya C	1	5/6/2023	Discussed first about first sem results, and also about second semester classes. Most of my counselling students are finding easier than previous semester subjects	Advised students to concentrate on studies and practice problems regularly. those who are unable to clear the first semester subjects are advised to read at least half an hour per day
2	Mr. Sudesh Shetty M	14	05/06/2023	Discussed about first semester result ,second semester subjects, attendance status and about parents teachers meeting to be held	Advised to work hard for second semester to score better than first and be regular to the classes
4	Mr. Prashanth D A	13	05/06/2023	Discussed first about first sem results, and also about second semester classes. Most of my counselling students are finding easier than previous semester subjects	Advised to work hard for second semester to score better than first and be regular to the classes


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