



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

KumaranKottam Campus, Kannampalayam (Po), Coimbatore – 641 402
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
NAAC Accredited and ISO 21001:2018 certified Institution



Criterion 2- Teaching- Learning and Evaluation

2.3 Teaching- Learning Process

2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

Accredited by NAAC | Approved by AICTE, NEW DELHI | Affiliated to ANNA UNIVERSITY, CHENNAI.
Kumarankottam campus, Kannampalayam, Coimbatore-641 402.



PARTICIPATIVE LEARNING

A NATIONAL LEVEL TECHNICAL SYMPOSIUM

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EVENT ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	
NAME OF THE EVENT	TECHMIRA 2K23
DATE OF THE EVENT	17/03/2023
NO.OF.STUDENT PARTICIPANTS	144
VENUE	RVSCET Auditorium
NAME OF THE CHIEF GUEST	ASHOK KUMAR ELAVARASU, Security Architect, Robert Bosch , Coimbatore.

RVS COLLEGE OF ENGINEERING & TECHNOLOGY
Accredited by NAAC | Approved by AICTE, NEW DELHI | Affiliated to ANNA UNIVERSITY, CHENNAI
Kumaran kottam campus, Kannampalayam, Coimbatore-641 402

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Proudly Presents
A National Level Technical Symposium
TECHMIRA - 2K'23

ON
17th March 2023 from 09:00 AM

CERTIFICATES WILL BE PROVIDED TO ALL THE PARTICIPANTS

EVENTS

- PAPER PRESENTATION
- TECHNICAL QUIZ
- BUG DISCOVERY
- WIN PRIZES
- GAMING TOURNAMENT
- PHOTOGRAPHY
- MEME CREATION

REGISTRATION FEES
200/- (PER HEAD)

Connect with us!
Enroll here |
cservscet@gmail.com
+91 99437 07321
Forms:gle | www.rvscet.ac.in

POSTER

[Signature]
Principal
RVS College of Engineering & Technology
Coimbatore - 641 402

PHOTO GALLERY



Dr. K. Karuppasamy, HoD/CSE, addressing the gathering



Inaugural Ceremony of TECHMIRA 2k23



Technical events held at R&D and Browsing Labs

NATIONAL CONFERENCE - IICT'23

<p>Chief Patron Dr.K.V.Kupusamy Chairman, RVS Educational Trust, Coimbatore.</p> <p>Patron Dr.B.K.Bhadri Advisor to the Honorable Chairman, RVS Group of Institutions. Dr.M.Kannan Principal, RVSCET.</p> <p>Treasurer Mr.M.Ram Kumar Administrative Officer, RVSCET.</p> <p>Convener Dr.K.Karuppasamy Prof & Head /Dept. of CSE.</p> <p>Organizing Secretary Dr.K.Arun Kumar AP/CSE. Mr.M.Mohanasundharam AP/CSE.</p> <p>Organizing Committee</p> <table border="0"> <tr> <td>Mrs.D.Suganthi AP/CSE.</td> <td>Mrs.M.Gowri AP/CSE.</td> </tr> <tr> <td>Mrs.S.S.Jaya AP/CSE.</td> <td>Mrs.K.Brindha AP/CSE.</td> </tr> <tr> <td>Mr.T.Arun Kumar AP/CSE.</td> <td>Mr.K.Pradeep AP/CSE.</td> </tr> <tr> <td>Mrs.R.Thenmalar AP/CSE.</td> <td>Mrs.M.S.Pavithra AP/CSE.</td> </tr> <tr> <td>Mrs.C.Saranya AP/CSE.</td> <td>Ms.S.Anuba AP/CSE.</td> </tr> </table>	Mrs.D.Suganthi AP/CSE.	Mrs.M.Gowri AP/CSE.	Mrs.S.S.Jaya AP/CSE.	Mrs.K.Brindha AP/CSE.	Mr.T.Arun Kumar AP/CSE.	Mr.K.Pradeep AP/CSE.	Mrs.R.Thenmalar AP/CSE.	Mrs.M.S.Pavithra AP/CSE.	Mrs.C.Saranya AP/CSE.	Ms.S.Anuba AP/CSE.	<p>Advisory Committee Dr.B.Surendiran Prof/CSE, MIT, Pondicherry. Dr.B.Saravana Balaji Prof/CSE, Lebanese French University, Pondicherry. Dr.T.Venkatraman Prof/CSE, Pondicherry University, Pondicherry. Mr.A.Anand Raj Software Architect, TCS, Chennai.</p> <p>Technical Committee Dr.R.Gunasekaran Prof & Head/CSE, MIT, Chennai. Dr.T.Bhaskara Reddy Prof/CSE, Sri Krishnadevaraya University, Andhra Pradesh. Dr.M.Hanumanthappa Prof/CSE, Bangalore University, Bangalore. Dr.M.Marikannu Prof & Head/CSE, Anna University Regional Campus, Coimbatore. Dr.J.Cynthia Prof/CSE, KCT, Coimbatore. Dr.A.Grace Selvarani Prof/CSE, SREC, Coimbatore. Dr.D.Sivaganesan Prof/CSE, PSG ITeCh, Coimbatore.</p> <p>Address For Communication The Convener IICT'23 Department of Computer Science & Engineering, RVS College of Engineering & Technology, Kumarankottam Campus, Kannampalayam PO, Coimbatore - 641402. Phone : 0422-2687877 EXT : 246 Mobile : 9943707321 E-mail : cservscet@gmail.com</p>	<p>RVS COLLEGE OF ENGINEERING & TECHNOLOGY Coimbatore-641 402.</p>  <p>7th NATIONAL CONFERENCE ON INTELLIGENT INFORMATION AND COMPUTING TECHNOLOGIES IICT'23 Organized by DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING on 17th MARCH 2023</p> 
Mrs.D.Suganthi AP/CSE.	Mrs.M.Gowri AP/CSE.											
Mrs.S.S.Jaya AP/CSE.	Mrs.K.Brindha AP/CSE.											
Mr.T.Arun Kumar AP/CSE.	Mr.K.Pradeep AP/CSE.											
Mrs.R.Thenmalar AP/CSE.	Mrs.M.S.Pavithra AP/CSE.											
Mrs.C.Saranya AP/CSE.	Ms.S.Anuba AP/CSE.											

IICT'23 Conference Brochure



Student from various college presenting their paper in IICT'23



EVENT ORGANIZED BY DEPARTMENT OF PETROCHEMICAL ENGINEERING

NAME OF THE EVENT	AGNITAILA 2k23
DATE OF THE EVENT	03/04/2023
NO.OF.STUDENT PARTICIPANTS	166
VENUE	RVSCET Auditorium
NAME OF THE CHIEF GUEST	Mr.R.Makesh, HR Manager, Rabwin Group of Industries , Coimbatore.



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY
(Accredited by NAAC) Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai
Kumarankottam campus, Kannampalayam, Coimbatore - 641 402

DEPARTMENT OF PETROCHEMICAL ENGINEERING

APRIL 3

5th NATIONAL LEVEL TECHNICAL SYMPOSIUM

AGNITAILA 2K23

WIN CASH PRIZES

Paper/Poster Presentation Topics

- Energy & Fuel
- Waste Management
- Application of AI in Oil & Gas Industry
- Food & Bioprocessing in Advanced Separation Technologies
- Smart Agriculture Towards Sustainability
- Environmental Monitoring & Assessment
- Emerging Technologies in Petrochemical Industry
- Carbon Capture, Utilisation and Storage
- Hydrogen Technologies
- Energy Transition in Petroleum Engineering And Geoscience

Technical Events

- Paper Presentation
- Poster Presentation
- Technical Quiz

Non-Technical Events

- Treasure Hunt
- Connexion
- Sight on Site [Photography]
- Fun Games

SCAN FOR REGISTER

FOR MORE QUERIES

89253 25956
63848 23732

agnitaila_2k23

- Spot Registration for Intimated Teams
- Last Date of Registration : April 01,2023
- Registration Fee : 250/-
- Accommodation Fee : 100/-

SUBMIT ABSTRACT TO
agnitaila2k23@gmail.com

POSTER

R. Prasad
Principal
RVS College of Engineering & Technology
Coimbatore - 641 402

PHOTO GALLERY



Inaugural Ceremony of Agnitaila 2k23

DEPARTMENT OF PETROCHEMICAL ENGINEERING

EVENT ORGANIZED BY DEPARTMENT OF PETROCHEMICAL ENGINEERING

NAME OF THE EVENT	DEPARTMENT INAUGURAL ASSOCIATION FUNCTION
DATE OF THE EVENT	30/11/2022
NO.OF.STUDENT PARTICIPANTS	118
VENUE	RVSCET Auditorium
NAME OF THE CHIEF GUEST	Mr.B.Sridharan, Senior Design Engineer, Schlumberger, and Coimbatore.



Inaugural Ceremony of Department Association

DEPARTMENT OF MECHANICAL ENGINEERING

EVENT ORGANIZED BY DEPARTMENT OF MECHANICAL ENGINEERING

NAME OF THE EVENT	PARCHAKRA 2023
DATE OF THE EVENT	11/04/2023
NO.OF.STUDENT PARTICIPANTS	162
VENUE	RVSCET Auditorium
NAME OF THE CHIEF GUEST	Mr.R.Makesh, HR Manager, Rabwin Group of Industries , Coimbatore.



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY
(Accredited by NAAC, Approved by AICTE and Affiliated to Anna University, Chennai)
Kumarankottam Campus, Trichy road, Kannampalayam, Coimbatore -641402

DEPARTMENT OF MECHANICAL ENGINEERING PRESENTS
7th National level Technical symposium PARCHAKRA '23

TECHNICAL EVENTS

- Paper/poster presentation
- CAD Modeling
- Latha Master
- Project Expo
- Water Rocketry
- Technical Quiz

NON-TECHNICAL EVENTS

- Photography
- Pencil Sketch
- Engineering memes
- Treasure Hunt
- Connexion
- Garaha

Register Here

Certificates For All Participants...!!

Entry Fee: ₹. 200/-

ENTER TO WIN PRIZES

FACULTY COORDINATORS
Prof. T.T. Narayanaswathi, M.E., MBA +91-9994400618
Prof. C. Santhikumar, M.E., (Ph.D) +91-7845475790

STUDENTS COORDINATORS
Naveenathan, N +91- 9000475239
Animesh, M. J +91- 9385677372

SPONSORS
ROYAL ENFIELD, Mastercard THAR, PRANA SVVI

11-04-2023
8:30 A.M

POSTER

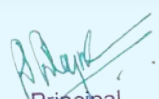

Principal
RVS College of Engineering & Technology
Coimbatore - 641 402

PHOTO GALLERY



Department Representing Shield College Front View Decoration



Parchakra Logo Representation Inviting Chief Guest by HoD/Mech

PHOTO GALLERY



ROBO design in Entrance



Dignitaries in Stage



Vintage Auto Expo



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

Accredited by NAAC | Approved by AICTE, NEW DELHI | Affiliated to ANNA UNIVERSITY, CHENNAI.
Kumarankottam campus, Kannampalayam, Coimbatore-641 402.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

EVENT ORGANIZED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	
NAME OF THE EVENT	DIGIAVINYA 2023
DATE OF THE EVENT	20/04/2023
NO.OF.STUDENT PARTICIPANTS	192
VENUE	RVSCET Auditorium
NAME OF THE CHIEF GUEST	Mr.Senthilkumar Dhamodharan, Director-Silicon Test Engineering, Caliber Interconnect Solutions Pvt Ltd , Coimbatore.

RVS COLLEGE OF ENGINEERING & TECHNOLOGY
Accredited by NAAC | Approved by AICTE, NEW DELHI | Affiliated to ANNA UNIVERSITY, CHENNAI.
Kumarankottam campus, Kannampalayam, Coimbatore-641 402.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PROUDLY PRESENTS
A NATIONAL LEVEL TECHNICAL SYMPOSIUM

20 April

DIGIAVINYA 2K'23

WIN ATTRACTIVE PRIZE

TECHNICAL EVENTS

- PAPER PRESENTATION
- POSTER PRESENTATION
- PROJECT EXPO
- TECHNICAL QUIZ

SCAN TO REGISTER

SCAN TO PAY

NON-TECHNICAL EVENTS

- PHOTOGRAPHY
- SHORT FILM
- FUN GAMES
- BRUSHLESS PAINTING

Registration ₹200/-

CERTIFICATES WILL BE PROVIDED TO ALL THE PARTICIPANTS

Registration: digiavinya2k23@gmail.com

Faculty Coordinator: +91 94439 75922

Student Coordinator: +91 97877 50660, +91 86759 06023

POSTER

A. Raju
Principal
RVS College of Engineering & Technology
Coimbatore - 641 402

PHOTO GALLERY



Dr.D.Jeyakuamri HoD/ECE Welcomes the Gathering



Chief Guest Visiting Radio Equipment

PHOTO GALLERY



Technical events held at ECE Dept Smart Class room



Principals
Principal

PHOTO GALLERY



Technical events held at ECE Dept Smart Class room



Department Representing Shield

SEMINAR

EVENT ORGANIZED BY DEPARTMENT OF MECHANICAL ENGINEERING

NAME OF THE EVENT	CRACKING IDEAS FOR YOUNG INNOVATORS
DATE OF THE EVENT	11/01/2023
NO.OF.STUDENT PARTICIPANTS	73
VENUE	RVSCET Auditorium
NAME OF THE CHIEF GUEST	Mr.Shameer.S, Founder, IT Projects Media & CogniQuo & By the Startups

Technical events held at ECE Dept Smart Class room



Dr.V.R.Sivakumar, HoD/Mech, inaugurated the function



Speaker Mr. Shameer. S, Initiates presentations in front of the students



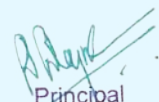
Student Interacted with speaker for discussing in Questionnaire section

EVENT ORGANIZED BY DEPARTMENT OF MECHANICAL ENGINEERING

NAME OF THE EVENT	GLOBAL OPPORTUNITIES ON SHIP AS A MARINER
DATE OF THE EVENT	27/09/2022
NO.OF.STUDENT PARTICIPANTS	43
VENUE	RVSCET Auditorium
NAME OF THE CHIEF GUEST	Mr. M S Vignesh, Chief Engineer, Orient Ship Management, Norway.



Dr.V.R.Sivakumar, HoD/Mech, inaugurated the function


Principal
RVS College of Engineering & Technology
Coimbatore - 641 402

EVENT ORGANIZED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NAME OF THE EVENT	IDEATION TO IPR-A WALK THROUGH(194)
DATE OF THE EVENT	16/03/2023
NO.OF.STUDENT PARTICIPANTS	37
VENUE	ECE Smart Classroom
NAME OF THE CHIEF GUEST	Dr.D.Balaji, Head Center for IPR, KPR Institute of Engineering and Technology, Coimbatore.




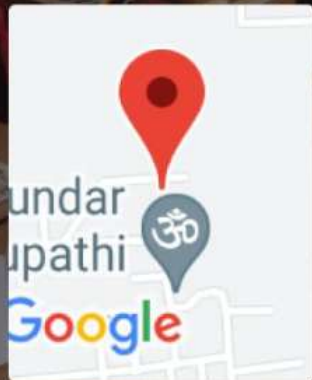
WORKSHOP

EVENT ORGANIZED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NAME OF THE EVENT	COMMUNICATION PROTOCOLS FOR SCADA APPLICATIONS
DATE OF THE EVENT	25/03/2023
NO.OF.STUDENT PARTICIPANTS	83
VENUE	ECE Smart Class Room
NAME OF THE CHIEF GUEST	Mr.Sam Devid Jero Duraisamy, Architect-WFCO Nordex Engineering & Technology Pvt Ltd, Chennai



 GPS Map Camera



Kannampalayam, Tamil Nadu, India

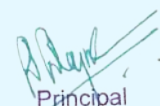
RVS college of Engineering and technology Trichy

Road, Kannampalayam, Tamil Nadu 641402, India

Lat N 11° 0' 35.5212"

Long E 77° 6' 8.64"

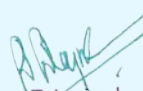
25/03/23 10:44 AM GMT +05:30



Principal
RVS College of Engineering & Technology
Coimbatore - 641 402

EVENT ORGANIZED BY DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING	
NAME OF THE EVENT	ENTREPRENEURSHIP AND INNOVATION
DATE OF THE EVENT	01/11/2022
NO.OF.STUDENT PARTICIPANTS	78
VENUE	RVSCET Seminar Hall
NAME OF THE CHIEF GUEST	Dr.B. Vaikundaselvan, Executive Director, Nehru Group of Institutions Technology Business Incubator (NGI TBI) Dr APJ Abdul Kalam Block, Nehru Group of Institutions, Thirumalayampalayam, 641105




 Principal
 RVS College of Engineering & Technology
 Coimbatore - 641 402

EVENT ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	
NAME OF THE EVENT	ADVANCED TECHNIQUES FOR SMART PHONE SERVICE & TROUBLESHOOTING
DATE OF THE EVENT	01/11/2022 and 02/11/2022
NO.OF.STUDENT PARTICIPANTS	69
VENUE	Computer Lab, RVSCET
NAME OF THE CHIEF GUEST	Mr.B.Krishna Kumar, Managing Director, New Technology, Coimbatore.



Shown some of live demo on the smart phone services.

GUEST LECTURE

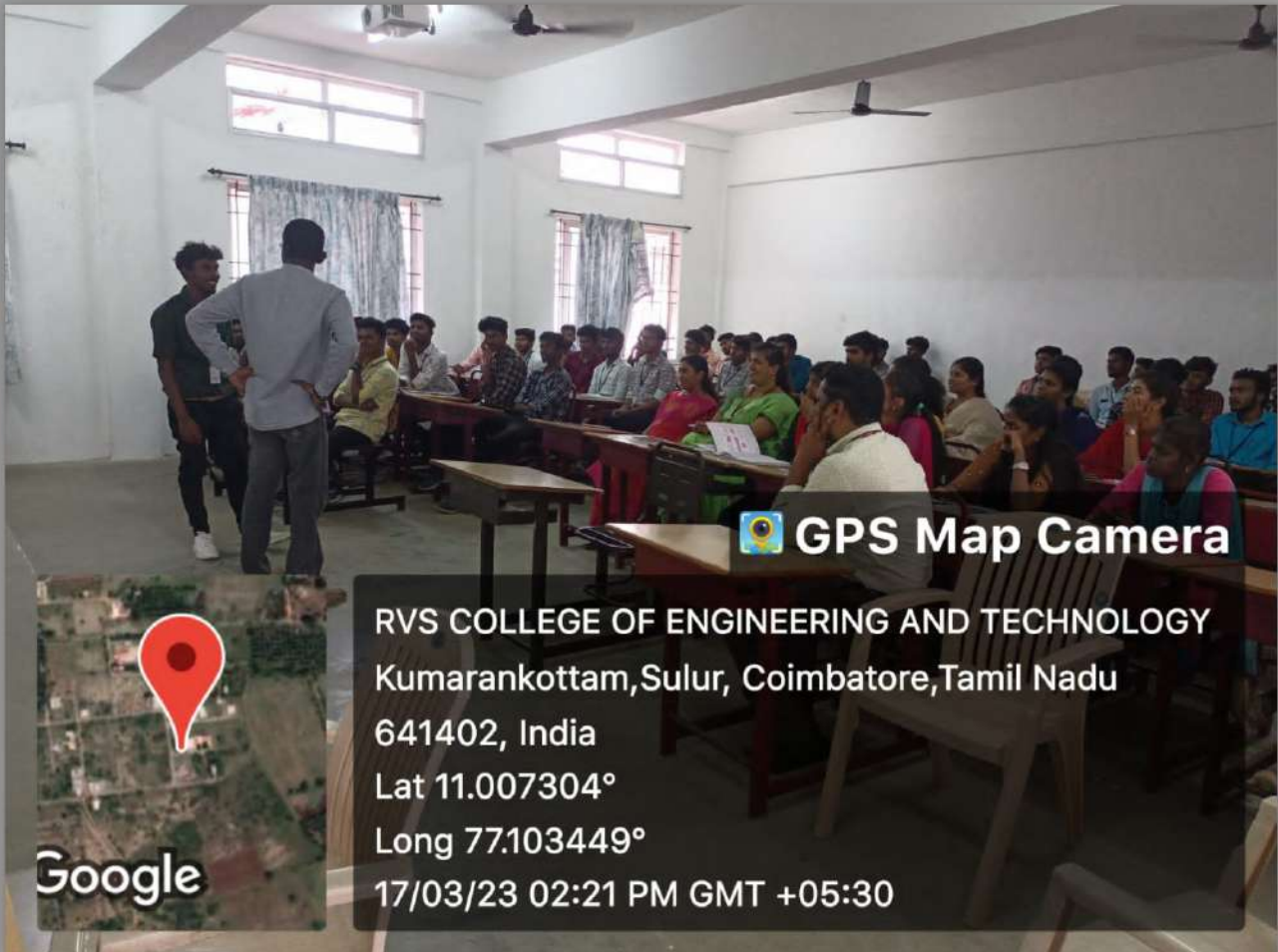
EVENT ORGANIZED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NAME OF THE EVENT	REVOLUTION OF WIRELESS COMMUNICATION IN HUMAN LIFE
DATE OF THE EVENT	13/04/2023
NO.OF.STUDENT PARTICIPANTS	64
VENUE	ECE Smart Class Room
NAME OF THE CHIEF GUEST	Dr.A.Parimala Gandhi, Assistant Professor(ss)/ECE, Kalaingar Karunanidhi Institute of Technology,Coimbatore.



EVENT ORGANIZED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NAME OF THE EVENT	GET READY FOR SOFTWARE
DATE OF THE EVENT	17/03/2023
NO.OF.STUDENT PARTICIPANTS	56
VENUE	ECE Smart Class Room
NAME OF THE CHIEF GUEST	Mr.M.Balasubramaniam, Senior Software Architect, Philips Healthcare,Bangalore.





RVS COLLEGE OF ENGINEERING AND TECHNOLOGY


Accredited by NAAC | Approved by AICTE, NEW DELHI | Affiliated to ANNA UNIVERSITY, CHENNAI.
Kumarankottam campus, Kannampalayam, Coimbatore-641 402.



EVENT ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NAME OF THE EVENT	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
DATE OF THE EVENT	14/02/2023
NO.OF.STUDENT PARTICIPANTS	47
VENUE	CSE Smart Class Room
NAME OF THE CHIEF GUEST	Mrs. M.MATILA MARY, Asst Prof(senior Grade), Sri Ramakrishna Engineering College, Coimbatore.



 **GPS Map Camera**



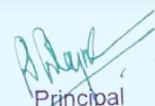
kanampalayam, Coimbatore, Tamil Nadu, India

Rvs College Of Engineering And Technology

Lat 11.037315°

Long 77.104516°

14/02/23 02:52 PM GMT +05:30



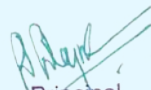
Principal
RVS College of Engineering & Technology
Coimbatore - 641 402

EVENT ORGANIZED BY DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

NAME OF THE EVENT	FAULT DIAGNOSTICS OF ELECTRICAL AC MACHINES
DATE OF THE EVENT	22/02/2023
NO.OF.STUDENT PARTICIPANTS	53
VENUE	EEE Smart Class Room
NAME OF THE CHIEF GUEST	Dr.R.Vijayabhasker, Anna University, Regional Campus-Coimbatore.



Welcome Address given by Dr.S.S.Sivaraju


Principal
RVS College of Engineering & Technology
Coimbatore - 641 402



Lecture delivered by Dr.VijayaBashker

EVENT ORGANIZED BY DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

NAME OF THE EVENT	IMPORTANCE OF DATA SCIENCE
DATE OF THE EVENT	03/11/2022
NO.OF.STUDENT PARTICIPANTS	354
VENUE	RVSCET-Seminar Hall
NAME OF THE CHIEF GUEST	Dr.K.CHANDRASEKARAN, Senior Professor, Department of CSE, NITK, Surathkal, Mangalore



Dr. Chandrashekar . NITK addressing to students



Dr. Chandrashekar . NITK presenting to students



Principal
RVS College of Engineering & Technology
Coimbatore - 641 402

EVENT ORGANIZED BY DEPARTMENT OF PETROCHEMICAL ENGINEERING

NAME OF THE EVENT	DATA SCIENCE FOR CHEMICAL ENGINEERS
DATE OF THE EVENT	25/11/2022
NO.OF.STUDENT PARTICIPANTS	118
VENUE	RVSCET-Seminar Hall
NAME OF THE CHIEF GUEST	Dr. Ramasamy M, Managing Director, MachDatum Private Limited, Coimbatore and Strategic Advisor and Professor, KPR Institute of Engineering & Technology, Coimbatore



Dr. Ramasamy addressing to students

EVENT ORGANIZED BY DEPARTMENT OF PETROCHEMICAL ENGINEERING

NAME OF THE EVENT	HEAT EXCHANGER DESIGN – AN OVERVIEW
DATE OF THE EVENT	30/11/2022
NO.OF.STUDENT PARTICIPANTS	113
VENUE	RVSCET-Seminar Hall
NAME OF THE CHIEF GUEST	Mr.B.Sridharan, Senior Design Engineer, Schlumberger, and Coimbatore.



Mr.B.Sridharan Presenting to students

CLUB ACTIVITIES

EVENT ORGANIZED BY PHOTOGRAPHY CLUB



Chief Guest Introduction



Chief Guest Address



Surprise Gift by Chief Guest



Audience

PRIZE WINNING PHOTOGRAPHS OF TITLED "NATURE THE BEST"



I - PRIZE WINNER V.Jeyaprakash - I-EEE

V. Jayaprakash
Principal

RVS College of Engineering & Technology
Coimbatore - 641 402

PRIZE WINNING PHOTOGRAPHS OF TITLED “NATURE THE BEST”



II- PRIZE WINNER S.Harish – I ECE



III - PRIZE WINNER K.Navaneethan – III MECH



PROBLEM SOLVING METHODOLOGIES

SAMPLE FINAL YEAR PROJECT LIST

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Year/Sem: IV / VIII

Batch No	Register No	Name of the Candidate	Title of the Project	Guide	Outcomes	PO & PSO
1	712819106002	ARUN MANIKANDAN R	Innovative Intelligent Outdoor Jacket for Health and Safety Mointoring system using IOT	Dr.D.Jeyakumari	To monitor the health and safety of the human in outdoor using a IoT with the help of jacket	PO 1,2,3,4,5,6,8,9,10 ,11,12 PSO 1,2,3
	712819106301	ARUN KUMAR A				
	712819106006	JEEVIKA M				
	712819106901	KARTHIKARANI A				
2	712819106001	ANTONY VITHURSON R	Smart VLC design lighting and communication for visible light network	Mr.C.Dhamocharan	To improve Vehice to Vehicle Communication on rash driving using LIFI technology	PO 1,2,3,4,5,6,8,9,10 ,11,12 PSO 1,2,3
	712819106007	KAMALESH R				
	712819106013	SENTHIL KUMAR M				
	712819106015	SITHARTHAN V				
3	712819106705	BOOPATHI D	Solar Power based E-Vehicle charging station	Mrs.K.P.Shanmuga Priya	To develop a model that combines a solar power station and EV s to reduce pollution.	PO 1,2,3,4,5,6,8,9,10 ,11,12 PSO 1,2,3
	712819106008	LOKKESH B				
	712819106003	DURAI PANDI R				
	712819106017	VIJAYAN R				
4	712819106004	DURGA D	Smart Glove for Monitoring Visually Impaired	Dr.B.Suganthi	To design and develop a smart glove for monitroing visually impaired people.	PO 1,2,3,4,5,6,8,9,10 ,11,12 PSO 1,2,3
	712819106501	RAMAN V				
	712819106009	MAMTHA S				
	712819106018	VIMALRAJA S				
5	712819106701	ANUPRIYA J	IoT based Smart Helmet and alchol detection system	Dr.N.Shanmugavadivu	To reduce the accidents the smart helmet is structured	PO 1,2,3,4,5,6,8,9,10 ,11,12 PSO 1,2,3
	712819106703	MADHAVA SHANMUGAM D				
	712819106704	VASUKI V				
	712819106706	SUDALAI M				
6	712819106702	PRADEEP KUMAR S	Automatic LPG Booking, Leakage Detection and Real Time Gas Measurement Monitoring System	Dr.R.Kannan	To reduce power consumption and less efficient using Solenoid valve	PO 1,2,3,4,5,6,8,9,10 ,11,12 PSO 1,2,3
	712819106005	JEEVANANTH T				
	712819106016	UDHAYA KUMAR S				



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

Accredited by NAAC | Approved by AICTE, NEW DELHI | Affiliated to ANNA UNIVERSITY, CHENNAI.
Kumarankottam campus, Kannampalayam, Coimbatore-641 402.



Batch No	Register No	Name of the Candidate	Title of the Project	Guide	Outcomes	PO & PSO
7	712819106010	PRABHAKARAN M	Density Based Traffic Control With IOT	Mr.V.Venkateswaran	To reduce waiting time for an emergency vehicle	PO 1,2,3,4,5,6,8,9,10,11,12 PSO 1,2,3
	712819106014	SENTHIL KUMARAN K				
	712819106708	ARUL KUMAR R				
	712819106707	SOUNDERRAJAN R				
8	712819106709	AKSHAY K	IOT based smart fault detection and monitoring system for industrial power distribution using Blynk cloud server	Mr.L.Mohana Kannan	To automate the industrial powerdistribution using the IOT devices and creates alrets to the administrator.	PO 1,2,3,4,5,6,8,9,10,11,12 PSO 1,2,3
	712819106302	PRAVEEN M				
	712819106303	VASANATHARAJ V				

DEPARTMENT OF PETROCHEMICAL ENGINEERING

Year/Sem: IV / VIII

Batch No	Register No	Name of the Candidate	Title of the Project	Guide	Outcomes	PO & PSO
1	712819139005	Arun Kumar M	Natural gas processing plant simulation using ASPEN HYSYS.	Dr.B.VijayaKumar	Students will be able to use their critical thinking and problem-solving skills to analyze the data and draw conclusions	PO 1,2,3,4,5,6,8,9,10,11,12 PSO 1,2,3
	712819139021	Santhosh Kumar A				
	712819139023	Seethapathi.P				
	712819139024	Sitharthan V				
2	712819139001	Akhil KM	Production of biodiesel from PungamiaPinnata using magnetic nano Fe3O4 - CaO - ZrO2 catalyst.	Dr.A.S.Arun Prasad	Students will be able to communicate the results of their project effectively in a written report format	PO 1,2,3,4,5,6,8,9,10,11,12 PSO 1,2,3
	712819139003	Anand A				
	712819139009	Inbasakaran RS				
	712819139025	Sriram V				
3	712819139028	Vasanth S	Textile Effluent sludge to bricks manufacturing	Dr.R.Kannan	Students will be able to apply their knowledge and skills in a real-world context by undertaking industrial/consultancy project work	PO2,3,5, 6,7, 8,9 & PSO1,2,3
	712819139701	Mohammed Rasul S				
	712819139012	Mouliswaran R				
	712819139009	Praveen Kumar P				
4	712819139004	Anandu P	Production of fuel Efficiency enhancer for Petrol	Dr.A.Sakthi Saravanan	Students will be able to work independently or as a team to complete the project, demonstrating effective time management and project planning skills.	PO2,3,5, 6,7, 8,9 & PSO1,2,3
	712819139007	George G Sam				
	712819139026	Surya Prasad E P				
	712819139703	Adwaith Anil K				

Principal

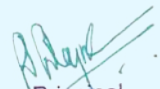


RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

Accredited by NAAC | Approved by AICTE, NEW DELHI | Affiliated to ANNA UNIVERSITY, CHENNAI.
Kumarankottam campus, Kannampalayam, Coimbatore-641 402.



Batch No	Register No	Name of the Candidate	Title of the Project	Guide	Outcomes	PO & PSO
5	712819139017	Paul Solomon X	ASPEN HYSYS Simulation of maleic anhydride production from n-butane via partial oxidation	Ms.B.Sindhu	Students will be able to use their critical thinking and problem-solving skills to analyze the data and draw conclusions	PO2,3,5, 6,7, 8,9 & PSO1,2,3
	712819139020	Salman A				
	712819139022	Saravana Kishore S				
	712819139019	Rathish K				
6	712819139016	Noufal N	Biodiesel production from waste cooking oil using nano catalyst	Dr.B.VijayaKumar	Students will be able to communicate the results of their project effectively in a written report format	PO2,3,5, 6,7, 8,9 & PSO1,2,3
	712819139704	AshikJiji				
	712819139706	Noufal N				
	712819139008	Gunasekar K				
7	712819139010	MichealSajin J	Design comparison of triethylene and monoethylene Glycol dehydration unit	Dr. R. Kannan	Students will be able to apply their knowledge and skills in a real-world context by undertaking industrial/consultancy project work	PO2,3,5, 6,7, 8,9 & PSO1,2,3
	712819139011	Mohamed Aashik H				
	712819139029	Vignesh.R				
	712819139702	Sathikahamed S				
8	712819139002	AkshaySekhar R R	Oil production forecasting using machine learning	Ms.A.Silviya	Students will be able to work independently or as a team to complete the project, demonstrating effective time management and project planning skills	PO2,3,5, 6,7, 8,9 & PSO1,2,3
	712819139013	Muhammed Salman A				
	712819139705	Athul Krishna K				
9	712819139006	Balamurugan	Fluid catalytic cracking unit using ASPEN HYSYS	Dr.A.S.Arun Prasad	Students will be able to use their critical thinking and problem-solving skills to analyze the data and draw conclusions	PO2,3,5, 6,7, 8,9 & PSO1,2,3
	712819139014	Nandha Kishore M				
	712819139015	Nayagasudhan G				
	712819139027	Surya Rajeshwaran D				
10	712819139501	Hariprasath R	Synthesis of Nano catalyst for biodiesel production from non-edible oil	Dr.B.VijayaKumar	Students will be able to communicate the results of their project effectively in a written report format	PO2,3,5, 6,7, 8,9 & PSO1,2,3
	712819139502	Praveen Kumar R				


 Principal
 RVS College of Engineering & Technology
 Coimbatore - 641 402



DEPARTMENT OF MECHANICAL ENGINEERING

Year/Sem: IV / VIII

BATCH NO	REGISTER NO	STUDENTS NAME	TITLE OF THE PROJECT	GUIDE NAME	Outcome	PO Attainment
1	712819114005	ARAVIND KUMAR C	NON-POLLUTING AIR BIKE ENGINE	Prof.C.SENTHILKUMAR	Air pollution from motor vehicle exhaust emissions is increasing, so it is necessary to attempt to control its exhaust emissions.	PO1, PO2, PO3, PO4, PO5, PO7, PO9, PO11
	712819114007	ASHMIN				
	712819114017	MOHAMED SYED MUSTHFA U F				
	712819114710	IRFAN				
2	712819114002	AKASH S	IOT BASED SMART AGRICULTURE AND AUTOMOBILE SEED SOWING ROBOT	Prof.S.RAFICK	This robot will help the farmers to do the farming process efficiently.	PO1, PO2, PO3, PO4, PO5, PO7, PO9, PO11
	712819114010	ESAI SELVAN A				
	712819114022	SENTHIL KUMAR S				
	712819114704	SARAN G				
3	712819114013	GOWTHAM G	DESIGN AND FABRICATION OF EXPANDABLE CHASSIS IN LORRY USING HYDRAULIC SYSTEM	Prof.T.T.NANJUNDA MOORTHY	The demand for universal lifting and transporting vehicles with high efficiency is high in manufacturing plants	PO1, PO2, PO3, PO4, PO5, PO7, PO9, PO11
	712819114015	KARTHIK KANNAN K				
	712819114302	MANOJ PANDIAN C				
	712819114706	VIJAYAKUMAR R				
4	712819114025	SURYASEN S	DESIGN AND FABRICATION OF ECO FRIENDLY BICYCLE	Prof.V.HARI GANESH	Improved physical health. Easier to ride. Pedal assist gives riders a boost. Some people may think because the bike is electric and takes less	PO1, PO2, PO3, PO4, PO5, PO7, PO9, PO11
	712819114702	JAYASURYA J				
	712819114703	MUNIYASAMY M				
	712819114705	SURIYA PRAKSH R			effort to ride that it's not really exercise.	
5	712819114701	NAVANEETHAN K	DESIGN AND FABRICATION OF KINETIC ENERGY RECOVERY SYSTEM FOR BICYCLE	Prof.P.UTCHIMAHALI MUTHU RAJA	Improved physical health. Easier to ride. Pedal assist gives riders a boost. Some people may think because the bike is electric and takes less effort to ride that it's not really exercise.	PO1, PO2, PO3, PO4, PO5, PO7, PO9, PO11
	712819114303	REVANTH V				
	712819114301	MAHESHWARAN U				
	712819114307	YADAV M				
6	712819114009	DHINESH KUMAR M	DESIGN AND FABRICATION OF INTELLENT BRAKING SYSTEM	N.SRI SARAVANAN	Intelligent Emergency Braking monitors the surrounding area in front of the car for vehicles and pedestrians, helping to avoid or reduce damage caused by collisions.	PO1, PO2, PO3, PO4, PO5, PO7, PO9, PO11
	712819114021	SASWATH P				
	712819114708	SUNDAR M				
	712819114024	SUBASH A				
7	712819114006	ARAVINTH R	DESIGN AND FABRICATION OF SOLAR AIR COOLER WITH HEAT	Prof.V.KAVITHA	An experimental investigation carried out to minimize the power consumption of a solar air cooler with heat.	PO1, PO2, PO3, PO4, PO5, PO7, PO9, PO11
	712819114008	ASWADEV K S				
	712819114011	FOUZAN AHAMED V				
	712819114707	SRIMANIKANDAN L				
8	712819114304	SHENBAGA AKASH S	DESIGN AND FABRICATION OF AUTOMATIC RAIN WATER GUTTER SYSTEM	Dr.V.R.SIVAKUMAR	This paper investigates the impact of gutter cross-section on the performance and efficiency of rain water harvesting.	PO1, PO2, PO3, PO4, PO5, PO7, PO9, PO11
	712819114309	MOORTHY RAJA C				
	712819114712	PAKIYA YOOGARJ				
9	712819114003	AKHILESH SREEKUMAR		Prof.G.YUVARAJ		

(Signature)
Principal



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

Accredited by NAAC | Approved by AICTE, NEW DELHI | Affiliated to ANNA UNIVERSITY, CHENNAI.
Kumarankottam campus, Kannampalayam, Coimbatore-641 402.



	712819114709	BOOPATHY E	DESIGN AND FABRICATION OF PNEUMATIC LIFTER		This project is to successfully design a Pneumatic lifting device that is capable of efficiently and safely lift loads	PO1, PO2, PO3, PO4, PO5, PO7, PO9, PO11
	712819114711	VIJAY P				
10	712819114012	GOKULAKRISHNAN R	OPTIMIZATION WITH MACHINE LEARNING AND TAGUCHI BASED METHOD OF PROCESS PARAMETERS ON SURFACE ROUGHNESS AND MRR OF HCHCR STEEL	Dr. CHANAKYAN. C	The Taguchi method optimizes design parameters to minimize variation before optimizing design to hit mean target values for output parameters.	PO1, PO2, PO3, PO4, PO5, PO7, PO9, PO11
	712819114015	KIRUBHAHARAN M P				
	712819114022	NAVANEETHAN N				
	712819114704	SRIDHARAN M				

SAMPLE MINI PROJECT LIST

DEPARTMENT OF MECHANICAL ENGINEERING




BATCH NO	REGISTER NO	STUDENTS NAME	TITLE OF THE PROJECT	GUIDE NAME	Outcome	PO Attainment
1	712820114001	ABINESH M J	Design and Fabrication of Hydraulic Sheet bending Machine	Dr.C.CHANAKYAN	This bending machine bends a small piece of sheet metal, plates, pipes, bars, rods. The motto of this project is to develop a portable low cost bending machine	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114006	MAHENDHRAKUMAR M				
	712820114319	HARIKRISHNAN S				
	712820114341	SANJAI R				
2	712820114003	DINESHKUMAR S	Design and Fabrication Zero Turning Mechanism and Four Wheel Steering	Mr. V.HARI GANESH	Zero turn mechanism enables user to take a Zero-turn in by keeping the position of vehicle constant.	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114353	VINOTH KUMAR N				
	712820114305	ARIKARAN D				
	712820114309	ASOKAN K				
	712820114333	PANDIESWARAN R				
3	712820114004	GUNASEKARAN S	Design and Fabrication of Pneumatic Powered Engine	Mr. N.SRI SARAVANAN	Design and Fabricate the Engine which can run on pneumatic power as by compressed air.	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114005	JAYAPRAKASH G				
	712820114315	GOKUL K				
	712820114706	JASHVANTH M				
4	712820114007	MUNEE S N	Design and Fabrication of Multi Wheel Nut Remover and Tighter	Mrs. V.KAVITHA	To design and fabricate a four-wheeler nut removing tool for constriction and removing of four nuts in single time.	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114014	YADU KRISHNAN E V				
	712820114321	JEEVANANDHAM N				
	712820114310	BALAJI S				
	712820114701	SANJAY J				
5	712820114010	PERIYASAMY. P	Design and Fabrication of Braking System for ATN	Mr. G.YUVARAJ	Design and Fabricate the machine element or the mechanical product.	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114317	GOWTHAM S				
	712820114311	BAVANIRMAL R				
	712820114332	NITHISH ANTONY A				
6	712820114011	SANJAI V	Design and Fabrication of Heat Metal Based Solar Water Heater	Mr.C.SENTHIL KUMAR	Demonstrate the working model of the machine element or the mechanical product.	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114704	RAGHUL DRAVID G				
	712820114302	AKILAN B				
	712820114308	ASHWIN T				
	712820114322	KAMACHI N				

(Signature)
Principal

RVS College of Engineering & Technology
Coimbatore - 641 402

7	712820114012	SISUBALAN S	Design and Fabrication of Black Board Erasing Mechanism	Mr.S.RAFICK	Blackboard cleaner is used to clean the blackboard and reduces the time consume in hand erasing and keeps the board clean.	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114320	HARIPRASATH G				
	712820114354	VISHNU S				
	712820114327	KIRAN C				
8	712820114013	VENKATESHWARAN S	Design and Fabrication Power Generation using Electromagnetic Suspension	Dr.V.R.SIVAKUMAR	The system generates power using electromagnetic shock absorber for automobiles using metal coils and permanent magnets for free energy generation.	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114331	NAVEEN S				
	712820114705	SUBASH R				
	712820114350	VASANTHA KUMAR K				
	712820114340	SAMUNDISWARAN M				
9	712820114306	ARISH KUMAR S	Design and Fabrication of Automobile headlamp Alignment System	Mr.G.YUVARAJ	Design and Fabricate the machine element or the mechanical product.	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114703	NANDHAKUMAR K				
	712820114318	HARIHARAN S				
	712820114325	KATHIRVEL V				
10	712820114307	ARUN KUMAR M	Design and Fabrication of Automatic Lubrication System	Mr.T.T.NANJUNDA MOORTHY	Demonstrate the working model of the machine element or the mechanical product.	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114338	RUBESH				
	712820114702	BOOBALAN R				
	712820114342	SANJAY CHAMLU D S				
	712820114339	SABAREESWARAN N				
11	712820114707	JAYAKUMAR R	Design and Fabrication of Helmet Viper Mechanism	Mr. P.UTCHIMAHALI MUTHU RAJA	Design and Fabricate the machine element or the mechanical product.	PO1,PO2, PO3,PO4, PO5,PO7, PO9,PO11
	712820114708	MADHAN RAJ T				
	712820114326	KEERTHI SWAMINATHAN M				
	712820114324	KARTHICK PANDI P				

ACADEMIC YEAR 2021-2022

S.No	STUDENT NAME	PROJECT TITLE	NAME OF THE FACULTY	PROJECT PHOTO
1	SURYASEN S	DESIGN AND FABRICATION OF IOT CONTROL WHEEL CHAIR	Prof.V.HARIGANESH	
	JAYASURYA J			
	MUNIYASAMY M			
	SURIYA PRAKASH R			
2	DHINESHKUMAR M	DESIGN AND FABRICATION OF SOLAR POWERED TRICYCLE (PROTOTYPE)	Prof.D.KUBENDRAN	
	GOKULAKRISHNAN R			
	MOHAMED SYED MUSTHAFA U F			
	SUBASH A			
3	ASHMIN	DESIGN AND FABRICATION OF EARTH AUGER	Prof.N.SRISARAVANAN	
	ASWADEV K S			
	FOUZAN AHAMED VV			
	SASWATH P			

Outcomes:

On completion of the third year mini project work students can take up this knowledge to their final year projects.



RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

Accredited by NAAC | Approved by AICTE, NEW DELHI | Affiliated to ANNA UNIVERSITY, CHENNAI.
Kumarankottam campus, Kannampalayam, Coimbatore-641 402.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S.No	Project Team No.	Register No	Student Name	Project TITLE	Supervisor Name	Outcome	PO & PSO
1	BATCH 1	712819104015	KAROLIN SUSMITHA	WEB BASED AGRO MEDICINE SYSTEM	PROF.K.PRADEEP	It increased resilience and adaptation to climate change	1,2,3,4,5,6,11&1,2,3
2		712819104006	ARUNKUMAR V				
3		712819104709	HARIHARAN R				
4		712819104703	ALEXANADEVI P				
5	BATCH 2	712819104020	MOHAMMED RABEEH V	PATIENT MONITORING SYSTEM	PROF.K.PRADEEP	Obtaining an optimal compromise involving many design factors, clinical, engineering and economic.	1,2,3,4,5,6,7,11&1,2,3
6		712819104008	BHARATHRAJ B				
7		712819104725	HEMALATHA P				
8		712819104501	RAGHUL A				
9	BATCH 3	712819104017	MADHAVAN K	HR-MANAGEMENT	PROF.K.PRADEEP	Effectively manage and plan key human resource functions within organizations	1,2,3,4,5,6,10,11&1,2,3
10		712819104726	DINILKUMAR K A				
11		712819104701	HARITH KUMAR S				
12	BATCH 4	712819104714	MANOJ P	E-LIBRARY MANAGEMENT SYSTEM	PROF.K.PRADEEP	To manage & track the daily work of the library	1,2,3,4,5,6,7,11&1,2,3
13		712819104706	BALAKUMAR A				
14		712819104708	JEEVABHARATHI M				
15	BATCH 5	712819104705	RAJAPANDI M	DEEP SURVILANCE USING DEEP LEARNING	PROF.K.PRADEEP	To monitor day-to-day operations and as a tool to streamline operations.	1,2,3,4,5,6,11&1,2,3
16		712819104027	SOWMIYA K				
17		712819104727	SANJAY N				
18	BATCH 6	712819104717	KAVINRAJ S B	STUDENT EVALUATION SYSTEM	PROF.K.PRADEEP	perceptions of teaching and unit quality and to identify areas of good practice	1,2,3,4,5,6,11&1,2,3
19		712819104018	MANOJ A				
20		712819104721	ADWAITH RAJ P				
21	BATCH 7	712819104724	YUVABHARATHI V	PRICE COMPARISION	PROF.K.PRADEEP	Price comparison websites can take the hassle out of finding the best deal	1,2,3,4,5,6,11&1,2,3
22		712819104718	HARIHARASUDHAN S				
23		712819104010	DHAYANANTH E				
24		712819104014	KALIDHASAN J				
25	BATCH 8	712819104021	MOHITH K	DROWSINESS DETECTION IN AUTOMOBILES	PROF.K.PRADEEP	A non-invasive system to localize the eyes and monitor fatigue was developed.	1,2,3,4,5,6,11&1,2,3
26		7128191040716	VAISHNAVI S				
27		712819104030	VIDYA D				
28	BATCH 9	712819104003	AMARNATH R		PROF.K.PRADEEP		1,2,3,4,5,6,11&1,2,3
29		712819104012	HARIVIGNESH K	ANDROID CROP DISEASE DETECTION SYSTEM		scrutinizes the plant's growth and health condition and guarantees the regular operation and harvest of the agricultural planting to proceed successfully	
30		712819104019	MOHAMMED ASHRAF B R				
31		712819104728	RAGAVENDAR S P				
32	BATCH 10	712819104029	SUKUMAR C	HOSPITAL MANAGEMENT SYSTEM	PROF.K.PRADEEP	This can be a powerful tool to help healthcare organizations improve their processes and streamline their operations	1,2,3,4,5,6,11&1,2,3
33		712819104016	LOGESH P				
34		712819104719	BOOPATHY RAJA N				
35	BATCH 11	712819104025	SABARISHAN S	AUTOMATED ATTENDANCE SYSTEM USING MULTI-FACE RECOGNIZATION	PROF.K.PRADEEP	accurate data helps provide accurate payroll and performance data	1,2,3,4,5,6,11&1,2,3
36		712819104001	ABHISHEK RAMSU				
37		712819104712	SNEHA P				
38		712819104730	HARIHARARAJAN M				
39	BATCH 12	712819104715	JEROLD CHRISTOPHER A	PASSWORD MANAGER	PROF.K.PRADEEP	keeps track of your employee hours	1,2,3,4,5,8,11&1,2,3
40		712819104005	ARJUN S				
41		712819104707	GOKUL R				
42	BATCH 13	712819104713	RAMESH ARAVINDH T	CLIENT MANAGEMENT SYSTEM	PROF.K.PRADEEP	users will no longer be required to remember multiple passwords.	1,2,3,4,5,6,11&1,2,3
43		712819104702	ABHINAV. V. NAMBIAR				
44		712819104720	YUVRAJ TRIPATHI				
45		712819104710	KARTHICK B				
46		712819104009	CHEZHIAN S				
47	BATCH 14	712819104704	AARTHI.M	PHOTOGRAPHY BUSINESS MANAGEMENT	PROF.K.PRADEEP	we can now visualise the past, depict the present, and imagine the future.	1,2,3,4,5,9,11&1,2,3
48		712819104711	ARJUN KUMAR G				
49		712819104729	AMUTHA KANNAN K				
50	BATCH 15	712819104007	ASHWIN C KUMAR	FILE MANAGEMENT SYSTEM USING (.NET) & SQL SERVER	PROF.K.PRADEEP	Database management maintanceusing SQL Server	1,2,3,4,5,6,11&1,2,3
51		712819104011	ESWARAMOORTHY				
52		712819104028	SOWMIYA R				
53		712819104009	CHEZHIAN S				