

Data Collections for NEWSLETTER DSEC TIMES - 2023 (Jan 01 - Dec 31, 2023)

The Heads and R&D Coordinator of each department are asked to provide remarkable achievements of your **Faculty members and Students for the 'Calendar Year 2023'** under appropriate **'Headings'**. You may add any new appropriate 'Heading' as you wish under your respective Department Details.

S&H

Faculty Achievements

Publications

Thirunavukkarasu Sivaraman* - Bcl-2 Family Proteins in Therapeutic Arena for Cancers (**an Editorial**) in **Current Protein and Peptide Science** (ISSN (Print): 1389-2037)), 2023, 24(10), 781-782 (DOI: 10.2174/138920372410231020092906).

VP Gunasekaran, **Thirunavukkarasu Sivaraman*** and M Ganeshan - Apoptotic Switch in Cancer Stem Cells: A Potential Approach for Cancer Treatment in **Current Protein and Peptide Science** (ISSN (Print): 1389-2037)), 2023, 24(10), 843-852 (DOI: 10.2174/1389203724666230512111755).

Duraibabu Dhanapal · S. M. Suresh Kumar · Manjumeena Rajarathinam · **J. Manivel** · Ananda Kumar Srinivasan, Improvement of physical–mechanical–antimicrobial activities with effect of amine- functionalized nano- ZnO- reinforced areca fibre/epoxy hybrid Nanocomposites , Polymer Bulletin 2022.

Patents

T. Sivaraman, S. Kodhaiyoli, S. Sathiyaraj, S. Saranyadevi and C. Sellathamizh - Drug Delivery System for the Treatment of Chronic Pain, Application No.: 202341038354 A; Publication Date: 30/6/2023; Journal No. 26/2023

Books

T. Sivaraman, V. S. Thangarasu and G. Balakrishnan– Editors – **Marvels of Artificial and Computational Intelligence in Life Sciences** -ISBN: 978-981-5136-81-4 (Online ISBN: 978-981-5136-80-7/81-4; DOI: <https://doi.org/10.2174/97898151368071230101>), Bentham Science Publishers, Singapore,(2023).

K. Elangovan and T. Sivaraman – Editors - **Emerging Innovative Research in Science and Technology** -ISBN: 978-93-91977-32-0, Trueline Academic and Research Centre (Trueline Publisher), Salem – 637103, Tamil Nadu, India, (2023).

J.Manivel , A.Arunkumar S.M.Sureshkumar, Chemsitry for Engineering and Technology ,
RK publishers, 2023 with ISBN- 978-81-965312-4-9.

Book Chapters

T. Sivaraman –Stepwise unfolding pathways of an all-beta-sheet protein by hydrogen exchange in **Emerging Innovative Research in Science and Technology -ISBN: 978-93-91977-32-0**, **Trueline Academic and Research Centre** (Trueline Publisher), Salem – 637103, Tamil Nadu, India, (2023), 3-11.

Resource Person

Invited Talks

T. Sivaraman – Computational Drug Design - **an invited lecture and resource person in Refresher Course in Bioinformatics and Biotechnology organized** by UGC Malaviya Mission Teacher Training Centre, **University of Calicut, Malappuram - 673735, Kerala**, March 18, 2024.

T. Sivaraman – delivered a lecture on ‘Drug Design Strategies’ in Dhanalakshmi Srinivasan College of Pharmacy, **Perambalur, Trichy – 621212**, Jan 27, 2023.

Research Projects

1. **Dr. T. Sivaraman** - Prototype Antagonists to Cardiotoxins, Principal Toxins of Venomous Snakes - Submitted to ICMR, Project Amount is about 1 Crore, Under Review
2. **Dr. T. Sivaraman** - Computational Design of Novel Chemical Antagonists Targeting Mcl-1 for Apoptosis Modulation - Submitted to TNSCST, Project Amount is about 5.5 lakhs, Under Review
3. **Dr. S. Anbu & Dr. T. Sivaraman** - Revolutionizing Agriculture for Socio-Economic Empowerment: Introducing Agricultural Drones, Smart Irrigation Systems, and Resilient Crops in Ladapuram Village, Perambalur - Submitted to DST, Project amount is about 4 Crores, Under review

Academic Awards

Events Organized

R&D Cell Organized a ‘BSE Sponsored **Financial Literacy Program’ (for engineering and management graduates)** presented byMs. Harshini Neralla, Frince Learnings Bangalore in

DhanalakshmiSrinivasan Engineering College, Perambalur – 621212, Tamil Nadu, May 29, 2023.

R&D Cell Organized a 'NASSCOM Sponsored Digital 101 Programme' (for engineering graduates) presented bySkillsDa INGU's Knowledge Academy Pvt. Ltd. Chennai in DhanalakshmiSrinivasan Engineering College, Perambalur – 621212, Tamil Nadu, April 11, 2023.

R&D Cell Organized a 'CSR Sponsored LifeSkills Training Program' (for pre-final and final year engineering graduates) presented byRubicon Skill Development Pvt. Ltd., Pune, Maharashtra in DhanalakshmiSrinivasan Engineering College, Perambalur – 621212, Tamil Nadu, March 7 - 10, 2023.

R&D Cell Organized a Lecture Workshop on 'Patent filing and grafting at National and International levels' (Resource Person: Mr. N. Nagarajan, Director, NSKD Techno Research and Innovation Solution) in DhanalakshmiSrinivasan Engineering College, Perambalur – 621212, Tamil Nadu, February 18, 2023.

FDP Participated

Course Completed

Students Achievements

Publications

Events Participation and Awards

Juhana Zamzad, M. Safvana, T. Sivaraman and C. Narayanan – 'Designing of Novel Non-caloric sweeteners on the basis of structural interactions between taste receptors and sweet proteins' in International Conference on Innovative Approaches in Life Sciences, Department of Food Science and Nutrition, The American College, Madurai, Tamil Nadu, India, March 24 & 25, 2023. (Received Best Oral Presentation Award)

Sports Awards

Course Completion

Department: Aero

Faculty Achievements

Publications

SAR optimization and Convolutional Neural Network based fault estimations and for auto-landing control model

T. Ayyasamy , S. Nirmala ,A. Saravanakumar

Ayyavoo Saravanakumar, Thangaraj Ayyasamy 2023,” Ground testing of Al-polyurethane shape memory polymer sail material under pulsed light exposure”, Acta Astronautica (Impact Factor: 3.5, Q-1)

Thangaraj Ayyasamy, Sivaraj Nirmala & Ayyavoo Saravanakumar 2023, ‘SAR optimization and Convolutional Neural Network based fault estimations and for auto-landing control model’, International Journal of Robotics and Autonomous systems vol.166 (August 2023), 104409. (Impact Factor: 4.3, Q-2).

Patents

Dr. Rajkumar Subburathinam, Dr.Sathiyalingam Kannaiyan, Dr.T.Ayyasamy, Mr.D.Madesh Design Patent on Title “Foldable Surveillance Drone”, Application No. 404214-001.

Dr. S.Rajkumar, Design Patent on Title “Powder Metallurgy Device”, Application No. 407943-001.

Books

NIL

Book Chapters

Rajkumar, S, Sathiyalingam.K, Mohammed Hamdan. A & Madesh.D, 2023, “Thermal Barrier Coating”, Emerging Innovative Research in Science and Technology, Trueline Academic and Research Centre, pp 282-293, ISBN:978-93-91977-32-0.

Rajkumar, S, Ayyasamy.T, Mohammed Hamdan.A & Katherasan.D,2023, “Application of Thermal Barrier Coating and Advanced Technologies” Emerging Innovative Research in Science and Technology, Trueline Academic and Research Centre pp 282-293, pp 376-382, ISBN:978-93-91977-32-0.

Resource Person

NIL

Invited Talks

NIL

Academic Awards

NIL

Events Organized

Department of AERONAUTICAL AND AEROSPACE ENGINEERING signed an MOU with **Dautya Aerospace Private Limited**. On Oct-2023 and Institute is the first-of-its-kind for advancing holistic drone education in Southern region of Tamilnadu alongside fundamental remote pilot training.

FDP Participated

Attended One Week FDP on “Application of Artificial Intelligence Techniques in Mechanical Engineering Systems” organized by Karunya Institute of Technology and Sciences, during 05-02-2024 to 09-02-2024.

Attended One Week FDP on “Recent Trends in Additive Manufacturing (RTAM-2023)” at Sant Longowal Institute of Engineering and Technology, Punjab December 18-22, 2023.

Attended Two days FDP on “Applications of Generative AI Conducted “by Naan Mudhalvan and Anna University on November 17 & 18, 2023

Attended One Week FDP on “Machine Learning” Conducted by E&ICT Academy, IIT Kanpur during 27-03-2023 to 02-04-2023

Course Completed

NIL

Students Achievements

Publications

NIL

Events Participation and Awards

Final year Aeronautical and Aerospace Students have attended a **Workshop** at Madras Institute of Technology, Chennai in March 2023.

Final year Aerospace Students have attended a Internship at **Government Flying School Aerodrum** ,Bangalore in June 2023.

A batch of Aerospace Students have attended a Internship at **Wings of Aero**, Tenkasi in January 2023.

Final year Aerospace Students have attended a Internship at **Wings of Aero**, Tenkasi in June 2023.

A student (Rithish Babu) from the Aerospace Department had attended the Internship programme at the **Vayu shastra** in January 2023.

Third year Aerospace Students have attended a **Workshop** (Composite material) at Madras Institute of Technology, Chennai in March 2023.

Third year Aerospace Students have attended a **Workshop** (Design and fabrication of 1U nano satellite) at Jet aerospace, Palakkad in January 2023.

Third year Aerospace Students have attended a **Workshop** (Exponential technology) at SASTRA UNIVERSITY, Thanjavur in March 2023.

The students (Lakshmi.S, umashree.P) have attended a **Workshop** (Drone technology) at CARE Institute of technology, Trichy in April 2023.

Third year Aerospace Students have attended a **ALL INDIA SEMINAR** (A New design philosophy for next generation power electronics systems) at Dr.N.G.P Institute of technology, Coimbatore in April 2023.

A student (Sachin.G, Guna.K) from the Aerospace Department Third year had attended the Internship programme at the **IIT MADRAS** in June 2023.

Third year Aerospace Students have attended a Internship at **JET AEROSPACE** (Nano satellite and sensors), Kerala in January 2023.

A batch of Aerospace Students from Third year have attended a Internship at **DAUTYA AEROSPACE** (3D printer and 3D training into Aircraft cockpit), Bangalore in June 2023.

A Batch of three students (Sana.K.A, Saniga A sabu, Anusha shaiju) from third year Aerospace students have attended a **INTERNATIONAL INTERNSHIP** at **MMU UNIVERSITY**, Malaysia in October 2023.

A Student(Vishnukumar.S) from third year Aerospace department have successfully completed in **AI For all** program and completed the **AI Appreciate** on March 2023.

A Student(Vishnukumar.S) from third year Aerospace department have successfully completed a course on **ARTIFICIAL INTELLIGENCE PROJECT** on March 2023.

A Student(Vishnukumar.S) from third year Aerospace department has successfully completed a course on **CYBER HYGIENE PRACTICES** conducted by **(Meity) government of India** on March 2023.

Sports Awards

University Zonal - Final year Aerospace Student R.Babu, He got 1st Place in 200M,400M, and Pole vault in September 2023

University Inter-Zonal : Final year Aerospace Student R.Babu, He got 2nd Place in 200M,400M, and He got 1st Place Pole vault on 15 Oct-2023

South Zone :Final year Aerospace Student R.Babu, He got 3rd Place in Pole vault in December-2023

Open State Tamilnadu : Final year Aerospace Student R.Babu, He got 3rd Place in 200M in June-2023

DSEC Marathan - 4th Place with 4000 Cash Award in September 2023.

Course Completion

NIL

Department: Agri

Faculty Achievements

Publications

NIL

Patents

NIL

Books

NIL

Book Chapters

Sangeetha N, Akilandeswari R, Dharani M & Priyadharshini Y, 2023 "Recent Technologies in Innovative Whey production - A Review", Emerging Innovative Research in science and Technology, Trueline Academic and Research Centre, ISBN: 978-93-91977-32-0.

Abinaya A, 2023 "Design of Recharge Pit in Red Loamy Soil for Dug Well Recharge in Pudukottai District", Emerging Innovative Research in science and Technology, Trueline Academic and Research Centre, ISBN: 978-93-91977-32-0.

Resource Person
NIL

Invited Talks
NIL

Academic Awards
NIL

Events Organized
NIL

FDP Participated

Mrs.R.Anbarasi attended the FDP on “An overview about AI enabled learning through CHATGPT” on 26-6-2023

Ms.N.Sangeetha attended the FDP on “An overview about AI enabled learning through CHATGPT” on 26-6-2023

Course Completed

Ms.N.Sangeetha has completed NPTELcouse in Organic Farming for sustainable agricultural production.

21 number of students has completed NPTEL course (Organic Farming for sustainable agricultural production) from Third year Agricultural Engineering.

Students Achievements

Publications

Events Participation and Awards
NIL

Sports Awards

Anna university zone:Third year Agricultural Engineering student Abhijith K V, He got 1st place n football men in OCT- 2023

Course Completion

Department: AI&DS

Faculty Achievements

Publications
Conference

R.Aarthy Presented Paper "Early Detection of bone marrow lesion severity related to proximal tibial orientation in Knee Osteoarthritis on Knee MRI" at Crescent International Conference on Applied Mathematics, Actuarial Science, Management and Computer Sciences (CICAMAMC – 2023) held on 11.01.2023.

Patents

Dr.V.Balaji Vijayan, A.Vani Lavanya, Tahir Naquash H B, Manish Deepak Mahale,**R.Aarthy**, Sonali Laxmanrao Mortale,Manaswini Aniruddha Parlikar, Madhavi Manojkumar Mali-Controlling & Maintaining Home Appliances Through Eye Contact Using Iot Application No.: 202341026767; Publication Date: 05/05/2023;

R. Aarthy, Anusha P, Dr Ramakrishna Hegde,Dr. Kirti Mahajan,T N Sudhahar,Dr. M. Tamil Thendral,T. Haritha,T. Janani,Dr. R. Vijayarajeswari,Saravanan R, Dr. S. Venugopal,Mohanraj S, Dr. A. V. Santhosh Babu-GLOBAL AND NATIONAL CONTEXT AGGREGATION NETWORK TEMPORAL DETECTION BASED ON DEEP LEARNING MODELApplication No.: 202341025111; Publication Date: 05/05/2023;

Books

Book Chapters

Resource Person

Invited Talks

Academic Awards

Events Organized

FDP Participated

Course Completed

Students Achievements

Publications

Events Participation and Awards

Sports Awards

Course Completion

Department: BME

Faculty Achievements

International Journal PUBLICATION

R.Ragul Kannan

1.Interaction Free Infant :Breast Milk Lactation Classification System

Science ,Technology and Development Journal publication date JUN 2023 ISSN 0950-0707

2.Green Synthesis Of Fe₂O₃, Mn₂O₃ And Mn₂O₃ With Cynoglossum Zeylanicum And Their Anticancer Activity
Journal Of Emerging Technologies And Innovative Research May-23

S.Krishna Priya:

1.Interaction Free Infant :Breast Milk Lactation Classification System Science ,Tech nology and Development Journal Jun-23 ISSN 0950-0707

2.3D modeling of Biomechanical assistive prob to aid anterior tibials in tibial muscular dystrophy
TIJER-International Research Journal May-23

3.An Intelligent analysis of prenatal syndrome using USG Image.

A.K.Nivedha

1. Automatic Anesthesia Controller Combine With Ventilator International Journal For Research In Applied Science And Engineering Technology April 2023

2.Detection And Classification Of Diabetic Retinopathy International Journal For Research In Applied Science And Engineering Technology April 2023

Patents

NIL

Book

A.K.NIVETHA has Published FUNDAMENTALS OF BIOCHEMISTRY BOOK
RK publisher MARCH 2023 (NATIONAL LEVEL)

Book Chapters

1.Anti-Arthritic Activity Of Isolated Compound 2-(3,4-Dihydroxyphenyl)-3,5,7-Trihydroxychromen-4-One from Ethanolic Extract of *Cardiospermum Halicacabum* Linn

Leaves

Vinothini G*, Narayanan C, Gomathi T,Gokulprakash P,Barathraj S & Dhiwakar A

2.Synthesis and Evaluation of Bio-Scaffold Using Both

Traditional and 3D Printing Method for Bone Tissue
Regeneration

Yogapriya M S*, Narayanan C, Nivedha A K, Subhashini P, Roshini M & Veerasathiya D

3. Remodelling and Simulation of Customized 3D Printed Leg Brace for Stabilizing the
Musculoskeletal Disorders

Keerthi Vembu NVP*, Rubina Begam M, Krishnapriya S, Jeevanantham D, Dinovishal J &
Bavish A

4. RFID Based Interaction Free Infant: Breast Milk Lactation
Conditioning And Monitoring System

R. Ragul Kannan*, Dr. D. Karthikeyan, C. Sathish Kumar, A. Madasamy, S. Muthulakshmi, R.
Deepthi, P. Dharini & T. Durga devi

Resource Person

NIL

Invited Talks

NIL

Academic Awards

NIL

Events Organized

Department of BIOMEDICAL ENGINEERING signed an MOU with MEDINGERS
HEALTHCARE SOLUTIONS. and organized a Technical Symposium on “CURATIO DE MAIN ‘23”.

Department of BIOMEDICAL ENGINEERING signed an MOU with Athena Pandiyan pvt LTD.
and organized a one day workshop on “3d printing

Department of BIOMEDICAL ENGINEERING signed an MOU with leeway healthcare
solutions Bangalore. and organized a one day workshop on “Advanced biomedical instrumentation hands
on Training

FDP Participated

Mrs. A.K. Nivetha has participated in 2 days Faculty Development Programme on “Applications
of Generative AI’ Conducted by GUVI, Naan muthalvan” and Anna University on 17.11.2023 &
18.11.2023

Mrs. A.K. Nivetha has participated in the Faculty development programme on Modern medical
instrumentation organized by the Department of biomedical Engineering in association with
Biomedical Engineering Society of India from 4th to 8th December 2023

Mrs. K.Krishna priya has participated in the Faculty development programme on Modern medical instrumentation organized by the Department of biomedical Engineering in associated with Biomedical Engineering Society of india from 4th to 8th december 2023

Mrs. K.Krishna priya has participated in the Faculty development programme on Artificial Intelligence and machine learning medical image analysis using python organized by the Department of Electronic communication Engineering CMR institute of technology Bengaluru from 21st to 25th August 2023

Mrs. K.Krishna priya has participated in the Faculty development programme on Neuro habilitation and stroke management organized by the Department of biomedical Engineering from 20th to 25 th November 2023

Mrs.M. Rubina Begam has participated in 2 days Faculty Development Programme on “Applications of Generative AI’ Conducted by GUVI, Naan muthalvan” and Anna University on 17.11.2023& 18.11.2023

Mrs.M. Rubina Begam has participated in 2 days Faculty Development Programme on “Medical image processing “organised by the Department of biomedical Engineering from 27.12.2023 to 29.12.2023 .

Mrs. M.Rubina begam has participated in the Faculty development programme on Modern medical instrumentation organized by the Department of biomedical Engineering in associated with Biomedical Engineering Society of india from 4th to 8th december 2023

Mrs. G.Vinothini has participated in the Faculty development programme on Modern medical instrumentation organized by the Department of biomedical Engineering in associated with Biomedical Engineering Society of india from 4th to 8th december 2023

Mrs.G.Vinothini attended the FDP on “An overview about AI enabled learning through CHATGPT” ON 26-06-2023.

Ms.T. gomathi has participated in the Faculty development programme on Modern medical instrumentation organized by the Department of biomedical Engineering in associated with Biomedical Engineering Society of india from 4th to 8th december 2023

Ms.M.S.Yoga priya has participated in the Faculty development programme on Modern medical instrumentation organized by the Department of biomedical Engineering in associated with Biomedical Engineering Society of india from 4th to 8th december 2023

Course Completed

A.K.NIVETHA has completed nptel course in Biomechanics

M.Rubina Begam has completed nptel course in Biomechanics.

Students Achievements

Publications

Events Participation and Awards

Kopperun devi won the First prize in Technical speech at sethu engineering college

BOWYADHARSHINI and Haripriya won the Third prize in paper presentation at Arasu engineering college

Abinash. R and Ranjith .L won the First prize in paper presentation at RVS Engineering College
din
digul

T.Kopperundevi, S.Kamali,K.Jeya sri won the First prize in Technical quiz Bio connect at kongunadu College of Engineering

T.kopperundevi has won the First prize in Quiz Quest Neurobics at Mahendra College of engineering Salem

T.kopperundevi has participated in ICT YOUTH TALK in Regional pre finals.

Sports Awards

Divya R won the Third prize in state level Table tennis

Akila. N, T.kopperundevi and Sakthi desna won the Runner prize in Zonal level Volleyball

Course Completion

Kopperundevi has completed nptel course in Biomechanics.

Sanjay has completed nptel course in Biomechanics

Department: BioTech

Faculty Achievements

Publications

NIL

Patents

NIL

Books

NIL

Book Chapters

NIL

Resource Person

NIL

Invited Talks

NIL

Academic Awards

NIL

Events Organized

1.Organized a Guest Lecture on Orientation session to sensitize students on Smart India Hackathon on 23-09-2023

Resource Person:Mr.Kaviarasan.R, Head of IIC, Muthayammal college of Arts and Science,Rasipuram,Namakkal

2.Organized a Guest Lecture on Research career opportunities in Korea and Japan for Biotech and Food technology on 30-10-2023

Resource Person:Prathap Somasundaram ,Department of stem cell and regenerative Biotechnology,Konkuk University,South Korea

3.Organized a Guest Lecture on Cell Culture and Techniques on 02-12-2023

Resource Person:Dr.S.Shanmugapriya,Assistant Professor,Rathinam Arts and science college,Coimbatore

4.Department of Biotechnology and Pharmaceutical Technology Organized a National Level Symposium “Pharmbios 2K23” on 22-09-2023

FDP Participated

1. Ms. R.Aanandhalakshmi attended the FDP on “An overview about AI enabled learning through CHATGPT” ON 26-06-2023.

Course Completed

Students Achievements

Publications

NIL

Events Participation and Awards

1.ABIRAMI.T,JESSICA AASWIN.T,S.RAKSHINI attended a conference(Medical event) on 9/10/2023 at SRM MEDICAL COLLEGE - CHENNAI

2.AHAMEDHULLA.J, ARUNA M,DHARMARAJ E,DIVYA BHARATHI S,LAKSHMIPATHY.J,NAVEENKUMAR.R,SHINIKKA. J,SRINITHI P,SUBASHINI B,RAJASEKARAN.K attended a conference meet on 9/10/2023 at NATIONAL INSTITUTE OF FOODTECH (NIFTEM) - TANJORE

3.AMISHA. A.S and ARLIN NEWZINA.A,DHANURJAYA.P,N.DYANA ESWARI,GAYATHRI S,R. GOPIKA,JARMEE M,NIVETHA.N,NIVETHA.S,PADMAPRIYA.A,R.PARASAKTHI,SADHANA.P attended a NATIONAL LEVEL WORK SHOP (CSE) on 6/10/2023 at KUMARASWAMY COLLEGE OF ENGINEERING - KARUR

4.

Sports Awards

Course Completion

Department: Chemical Engg

Faculty Achievements

Publications

Patents

Books

Book Chapters

Resource Person

Invited Talks

Academic Awards

Events Organized

FDP Participated

Course Completed

Students Achievements

Publications

Events Participation and Awards

Sports Awards

Course Completion

Department: Civil
Faculty Achievements

Publications

Patents

Books

Book Chapters

Resource Person

Invited Talks

Academic Awards

Events Organized

FDP Participated

Course Completed

Students Achievements

Publications

Events Participation and Awards

Sports Awards

Course Completion

Department: CSE

Department highlights:

- **Dr.R.Gopi,HOD** has received **Best Researcher Award** from **INSO Awards**.
- **Received Research and development center** from **Anna University, Chennai** on **16.9.2023**.

- **DSEC-DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING has signed MOU with CIHAN UNIVERSITY- DUHOK, KURDISTAN REGION,IRAQ on 10.01.2023**
- **Received a fund of Rs 7500 from TNSCST- Student Project Scheme for project title “ A Virtual Mouse using Hand Gesture” by N. Gayathiri, P. Sarvya, P. Hanna, P. Naga sudha of final CSE.**
- **Curriculum for the academic year 2023-2024 was framed and approved by BOS committee.**

Faculty Achievements

Publications

- **Dr.R.Gopi** has Published a Paper titled **“Intelligent Intrusion Detection System for for Industrial Internet of Things Environment “**, in **Hindawi Wireless Communications and Mobile Computing Volume 2022, Article ID 5069104**
- **Dr.R.Gopi** has Published a Paper titled **“Intelligent Intrusion Detection System for for Industrial Internet of Things Environment “**,in **Computer Systems Science and Engineering Volume 44 issue 2 2023, Article ID 10.32604/csse.2023.025216**
- **Dr.R.Gopi** has Published a Paper titled **“Hybrid firefly with differential evolution algorithm for multi agents system using clustering based personalization“**,in **Journal of Ambient Intelligence and Humanized Computing Volume 14 issue supply 1 2023, Article ID 10.1007/s12652-022-03953-3**
- **Dr.GOPI /CSE**, has published a paper titled **“Enhanced Plant Leaf Disease Detection using Deep Learning Techniques”**, IJSREM, Vol 7, Issue 05, ISSN: 2582-3930, May 2023.
- **Dr.GOPI /CSE**, has published a paper titled **Automatic Medical Image Diagnosis for Brain Tumor Detection by using AI techniques in IJARST**, Vol 3, Issue 04, ISSN: 2581-9429, May 2023.
- **Mr.V.GOKULAKRISHNAN /CSE**, has Published a Paper titled **“Prediction of Disease from Blood Microscopic Analysis Classification using Deep Learning Algorithm”**, IJARST, Vol 2, Issue 07, ISSN: 2581-9429, May 2023
- **Mr.V.GOKULAKRISHNAN /CSE**, has Published a Paper titled **“Estimation of Carbon Footprint for Home and Industry using Machine Learning”**, IJARST, Vol 3, Iss 04, ISSN: 2581-9429, May 2023.

- Mr.V.GOKULAKRISHNAN /CSE, has Published a Paper titled “End to End Driving Assistant System using Proximal Policy Optimization”, IJARST, Vol 3, Iss 04, ISSN: 2581-9429, May 2023.
- Mr.V.GOKULAKRISHNAN /CSE, has Published a Paper titled “Prediction Of Air Pollution Using Machine Learning”, IJSREM, Vol 7, Iss 05, ISSN: 2582-3930, May 2023.
 - Mrs.T.Geetha has presented a paper titled “Deep Learning Fundus Image Analysis for early detection of Diabetic Retinopathy “ in “International Conference on Applied Mathematics, Actuarial Science, Management and Computer Sciences (CICAMAMC-2023)” held at “B S Abdur Rahman Crescent Institute of Science and Technology” on 11.01.23.
- Mrs.T.GEETHA /CSE, has Published a Paper titled “Prediction Of Air Pollution Using Machine Learning”, IJARST, Vol 3, Iss 03, ISSN: 2581-9429, May 2023.
- Mrs.T.GEETHA /CSE, has Published a Paper titled “Detecting the Cyber Attacks for Distributed Systems Using Machine Learning Algorithms”, IJSREM, Vol 7, Iss 05, ISSN: 2582-3930, May 2023.
- Mrs.T.GEETHA /CSE, has Published a Paper titled “Verifiable Secret Sharing Scheme Using Deep Learning Framework In Cloud Environment”, IJARST, Vol 3, Iss 03, ISSN: 2581-9429, May 2023.
- Mrs.S.R.SOWMIYA /CSE, has Published a Paper titled “Prediction Of Air Pollution Using Machine Learning”, IJSREM, Vol 7, Iss 05, ISSN: 2582-3930, May 2023.
- Mr.S.CHINNADURAI /CSE, has Published a Paper titled “Enhanced Method to Predict Machine Life Using Deep Learning”, IJARST, Vol 3, Iss 03, ISSN: 2581-9429, May 2023.
- Mrs.R.AARTHY /CSE, has Published a Paper titled “Currency Recognition for Visually Impairment People using Deep Learning Algorithm”, IJARST, Vol 3, Iss 03, ISSN: 2581-9429, May 2023.
- Mrs.R.AARTHY /CSE, has Published a Paper titled “An Enhanced Algorithm for Detection of Intruders using Deep Learning”, IJARST, Vol 3, Iss 05, ISSN: 2581-9429, May 2023.
- Mrs.R.AARTHY /CSE, has Published a Paper titled “Enhanced Plant Leaf Disease Detection using Deep Learning Techniques”, IJSREM, Vol 7, Iss 05, ISSN: 2582-3930, May 2023.
- Mrs.R.AARTHY /CSE, has Published a Paper titled “Covid-19 Prediction from Chest X-Ray and CT scan Using Deep Learning Methods”, IJSREM, Vol 7, Iss 05, ISSN: 2582-3930, May 2023.
- Mrs.R.ARUNAPRIYA /CSE, has Published a Paper titled “Student Feedback System using Flask”,in IJARST, Vol 3, Iss 02, ISSN: 2581-9429, May 2023.

- Mrs.S.FRANCIS SHAMILI /CSE, has Published a Paper titled “Privacy Preserving Voting Scheme Based on Blockchain Technology”, IJARST, Vol 3, Iss 01, ISSN: 2581-9429, May 2023.
- Mrs.S.FRANCIS SHAMILI /CSE, has Published a Paper titled “Smart Biomedical Healthcare Service Using IOT Technology”, IJSREM, Vol 11, Iss 04, ISSN: 2455-6211, April- 2023.
- Mr.K.ASWIN /CSE, has Published a Paper titled “Securing Federated Learning Based on Blockchain Technology”, IJARST, Volume 3, Issue 01, ISSN: 2581-9429, May 2023.

Patents

- Dr.R.GOPI has published a patent-463371 “ CONTINUOUS ENERGY SUPPLY TO HOUSE HOLD APPLIANCES THROUGH UNINTERRUPTED POWER METER” on 3.10.2023
- Dr.R.GOPI has published a patent- “INTERNET OF THINGS BASED DEEP LEARNING MODEL TO RECOGNIZE AND PREDICT KIDNEY DISEASE USING IMAGE PROCESSING” on 17.3.2023

Books

ØBook titled Machine learning was published by T.Geetha and R.Aarthy in Anuradha Publications .

Ø Book titled Operating Systems was published Dr.R.Gopi and V.Gokulakrishnan in Anuradha Publications.

Book Chapters

nil

Resource Person

nil

Invited Talks

nil

Academic Awards

nil

Events Organized

- Organized National Level Conference On Smart Intelligent computing and Applications (NCSICA-23) on 24-03-2023.
- Conducted a GUEST LECTURE on "Computer Networks "
- Conducted 5 days FDP on “Cyber Security Foundation ” by Mr.M.Sivagopal,Trainer,ICT Academy,Chennai on 28-08-2023 to 01-09-2023
- Organized Workshop on "Industrial IoT using Lorawan Technology" by Dr.K.Subramanian,Technical Lead,Enthu Technology Solution India Pvt. Limited,Coimbatore. And Ms.S. Sushma,Technical engineer,Enthu Technology Solution India Pvt. Limited,Coimbatore for two days 12-10-2023 to 13-10-2023.
- Conducted Webinar on “Project management and funding Opportunities in India and Abroad ” by Dr.M.Pallikondan Rajasekaran,Director-Research and Development,Kalasingam Academy of Research and Education,Krishnankoil on 9.2.2023.
- Organized National Level Technical Symposium on UNIQUE-2K23 was organized on 22.9.2023.
- Organized Workshop on "AI Revolution on Cyber security summit'23" was organized on 24.11.2023 to 25.11.2023 with the resource persons
 - Dr.E.Khalieraaj,Director General of the National Cyber Security Research Council,New Delhi, India.
 - Dr.Madhukar Maruti Waware ,Joint Secretary,UGC ,New Delhi.
 - Mr.Sankarraaj Subramanian,Founder & CEO-Prompt Infotech.
 - Dr.Ashok Kumar Mohan,Cyber Forensic Expert,Founder-Kriyavan Cyber Forensic services.
 - Mr.Anjishnue Mandal,Global Information security Tata Communiications
 - Dr.Manju Priya S,Professor-Dept.Of CSE,Karpagam Academy of Higher Education.
 - Mr.Vendhan E,Manager-Cyber & Strategic Risk Advisory,Deloitte.8.Mr.Manibharathi Karunakaran- CYBER SECURITY PROFESSIONAL (NATIONAL CYBERSAFETY) CYBER CRIME & DIGITAL FORENSICS INVESTIGATION, Chennai.
- Organized One Day Workshop on "python Programming" by Dr.P.Ezhilavan,Founder & CEO,VEI Technologies Pvt.Limited,Chennai,Tamilnadu on 12.8.2023

FDP Participated

- **Mrs.S.R.Sowmiya** has attended FDP on “Hands-on training on Data Science Tools “ in association with ISTE held from 23 .1.2023 to 28.1.2023.
- Dr.R.GOPI has attended International Conference-Enhanced Plant Leaf Disease Detection Using Deep Learning Techniques in INCETAIBCT’23 at Surya School of Engineering & Technology, villupuram on 28.4.2023.
- Dr.R.GOPI has attended International Conference-Prediction of Early Hospitalization with BP & HP value by using effective Machine Learning in INCETAIBCT’23 at Surya School of Engineering & Technology, villupuram on 28.4.2023

- Dr.R.GOPI has attended Faculty Development programme in NITTR,Chandigarh dated 15.5.2023-19.5.2023.
- Dr.R.GOPI has attended Professional Development programme in NITTR,Chandigarh dated 12.06.2023-16.06.2023.
- Dr.R.GOPI has attended Workshop –Foundations of Deep Learning and its applications at VIT,Vellore dated 19.06.2023-20.06.2023
- Mrs.T.GEETHA has attended International Conference-“AI Based Consolidated System For Waste Management” at KRCT, Trichy dated 27.04.2023-28.04.2023
- Mrs.T.GEETHA has attended International Conference- “Credit card fraud detection using Machine learning” at Surya School of Engineering & Technology, villupuram on 28.4.2023
- Mrs.T.GEETHA has attended International Conference -Verifiable Secret Sharing Scheme Using Deep Learning Framework In Cloud Environment at Bannari Amman Institute of Technology, Erode dated 3.5.2023-4.5.2023

Course Completed

- **Dr.R.Gopi** has completed NPTEL Online Course on “COMPUTER NETWORKS AND INTERNET PROTOCOL” in Apr 2023
- **Mr.V.Gokulakrishnan** has completed NPTEL Online Course on “COMPUTER NETWORKS AND INTERNET PROTOCOL” in Apr 2023
- **Mrs.K.Ramya** has completed NPTEL Online Course on “COMPUTER NETWORKS AND INTERNET PROTOCOL” in Apr 2023
- **Mrs.S.Francis Shamili** has completed NPTEL Online Course on “COMPUTER NETWORKS AND INTERNET PROTOCOL” in Apr 2023
- **Mr.K.Aswin** has completed NPTEL Online Course on “COMPUTER NETWORKS AND INTERNET PROTOCOL” in Apr 2023
- **Mrs.R.Arunapriya** has completed NPTEL Online Course on “INTERNET OF THINGS” in OCT 2023
- **Mr.V.Gokulakrishnan** has completed NPTEL Online Course on “INTERNET OF THINGS” in OCT2023

Students Achievements

Publications”

Name of the Student	Publication details
Manikandan. S Santhosh. R Saravanan. S Vinoth. R	“Prediction of Disease from Blood Microscopic Analysis Classification using Deep Learning Algorithm” in IJAR SCT, Volume 3, Issue 1, ISSN (Online) 2581-9429, May 2023
Mohan v Aahin k Kamaleshwaran R Baranikumar R	“Estimation of Carbon Footprint for Home and Industry using Machine Learning”, in IJAR SCT, Volume 3, Issue 1, ISSN (Online) 2581-9429, May 2023
S Sivasankar A Velmurugan R Ranjith M Praveen kumar	“End to End Driving Assistant System using Proximal Policy Optimization “,in IJAR SCT, Volume 3, Issue 4, ISSN (Online) 2581-9429, May 2023
Binkena keerthana Garigapati yamini Madala supriya Maheshwari.m	“Prediction Of Air Pollution Using Machine Learning” ,in IJSREM, Volume: 07 Issue: 05 ISSN: 2582-3930 May - 2023
Arunkumar Ayyanar Dhanush Murugan	“Currency Recognition for Visually Impairment People using Deep Learning Algorithm” in IJAR SCT, Volume 3, Issue 3, ISSN (Online) 2581-9429 ,May 2023

<p>Kasiraja gunasekarn</p> <p>Danish Maqbool sheikh</p> <p>Mallipeddi Jai Sivasankar</p> <p>Balaji Selvarajan</p>	<p>“Covid-19 Prediction from Chest X-Ray and CT scan Using Deep Learning Methods “,in IJSREM, Volume: 07 Issue: 05,ISSN: 2582-3930 ,May - 2023</p>
<p>Biridepalli mounisha</p> <p>Jasthi jyothi</p> <p>Karumudi meghana</p> <p>Kavuri swathi</p>	<p>“Detecting the Cyber Attacks for Distributed Systems Using Machine Learning Algorithms”, in IJSREM,</p> <p>Volume: 07 Issue: 05,ISSN: 2582-3930 , May - 2023</p>
<p>Kothamasu venkata ratna sai</p> <p>Jasthi manikanta</p> <p>Chunduri Sai Babu</p> <p>Bommiseti Pardha Sai</p>	<p>“Enhanced Plant Leaf Disease Detection Using Deep Learning Techniques”,in IJSREM,</p> <p>Volume: 07 Issue: 05,ISSN: 2582-3930 , May - 2023</p>
<p>Hariharan P</p> <p>Matheshwaran k</p> <p>Hariharan B</p> <p>Mohamed hisham R</p>	<p>“Verifiable Secret Sharing Scheme Using Deep Learning Framework In Cloud Environment”, in IJARST, Volume 3, Issue 3, ISSN (Online) 2581-9429, May 2023</p>
<p>Bhavanisha</p> <p>Birundhavathi</p> <p>Gowthami</p> <p>Vishali</p>	<p>“An Enhanced Algorithm for Detection of Intruders using Deep Learning”,in IJARST, Volume 3, Issue 4, ISSN (Online) 2581-9429 May 2023</p>
<p>Jamila. R</p> <p>Kaviya. S</p> <p>Lavanya.N</p> <p>Santhanapriya.G</p>	<p>“Smart Biomedical Healthcare Service Using Iot Technology”,in Volume 11, Issue 4, ISSN: 2455-6211 April-2023,</p>

Pradeep M Suren S Vignesh K	“Privacy Preserving Voting Scheme Based on Blockchain Technology”, in IJARST ,Volume 3, Issue 1, ISSN (Online) 2581-9429 May 2023
Mohana Subbu M Fakrudeen K Rakesh A	Student Feedback System using Flask”, in IJARST, Volume 3, Issue 2, ISSN (Online) 2581-9429May 2023
Gayitri N Sravya P Hanna P Nagasudha P	Brain Age Prediction Using Machine Learning”, in IJSREM, Volume: 07 Issue: 05 ,ISSN: 2582-3930 May - 2023
Sathiyavani E Soundarya M Kaushica K Brindha P	Sign Language Recognition Using Tensor flowkeras”, in IJNRD , Volume 8, Issue ISSN: 2456-4184.,5 May 2023 ,
Kamali R Kurin Firathos S Jeevitha G Nandhini E	Securing Federated Learning Based On Blockchain Technology in IJARST, Volume 3,Issue 1,ISSN :2581 9249,May 2023

Events Participation and Awards

- **Parameshwaran V III year** has presented a paper titled “Cloud Computing“ in “TECH-FEST” held at “Muthayammal college of Engineering- Namakkal” on07.03.23

- Kowsalya P & Prabha S III year has presented a paper titled “Machine Learning” in “TECH-2K23” held at “Dhanalakshmi Srinivasan University – Trichy” on 07.02.2023
- Aadhikeshavan.J.K, Ashir mohamed.A, Balamurugan.S ,Balavengateshwaran.M,Barath.S ,Dhinesh.A , Dinesh pandi.C, Ebramsha.A , Elambarithi.S , Elangovan.P , Gangadharan.K, Gobidurai.B ,Gowdham.R – II year has attended one day workshop on Python programming at IIT ,Madras on 7.10.23.
- Arjun.G.S – II year has attended workshop on “Artificial Intelligence and Data Science in environment sensing “ at Saranathan college of engineering on 25.9.2023- 26.09.2023

INTERNSHIP

Roshini.M -IV year has attended internship on “ Java Programming” at CodeBind Technologies on 5.6.2023 -19.6.2023

Roshini.M -IV year has attended internship on “Masterclass On Data Analytics” at Future X on 2.1.2023 -31.1.2023

Roshini.M -IV year has attended internship on “Python” at SD pro Solution on 12.6.2023 -22.6.2023

Roshini.M -IV year has attended internship on “Python” at Samcore Solution on 12.6.2023 -30.6.2023

Lavanya .M -IV year has attended internship on “ Web development” at Dhanalakshmi Srinivasan Engineering College on 3.1.2023-17.3.2023

Lavanya .M -IV year has attended internship on “ Web development” at ILifetechnologies on 12.6.2023-26.6.2023

Lavanya .M -IV year has attended internship on “Machine Learning Models using Python programming” at Artificial intelligence Foundation Trust on 1.8.2022-31.8.2022

Madhumitha .R -IV year has attended internship on “Masterclass On Data Analytics” at Future X on 2.1.2023 -31.1.2023

Mouni.R-IV year has attended internship on “Internet of Things” at CodeBind Technologies on 6.6.2023 -20.6.2023

Mouni.R -IV year has attended internship on “Cyber Security with ethical hacking” at NSIC- Technical services centre on 25.7.2022 -1.8.2022

Mouni.R -IV year has attended internship on “Masterclass On Data Analytics” at Future X on 2.1.2023 -31.1.2023

Santhosh R -IV year has attended internship on "Python Programming" at SD Pro Solutions on 12.06.2023 - 22.06.2023

Kaviya T -IV year has attended internship on " Python with Machine Learning" at NSIC - Technical Services Centre on 25.07.2022 - 01.08.2022

Kaviya T-IV year has attended internship on " Web Development" at CodeBind Technologies at Trichy on 28.05.2023 - 07.06.2023

Kiruthika A -IV year has attended internship on "Master Class on Data Analytics " at Future X on 02.01.2023 - 31.01 2023

Kiruthika A -IV year has attended internship on“Machine Learning Models using Python programming” at Artificial intelligence Foundation Trust on 1.8.2022-31.8.2022

Kiruthika A-IV year has attended internship on "Master Class on Data Analytics " at Future X on 02.01.2023 - 31.01 2023

Santhosh R -IV year has attended internship on "Python Programming" at SD Pro Solutions on 12.06.2023 - 22.06.2023

Kaviya .R-IV year has attended internship on" Web Developments" at e - Soft IT Solutions at Trichy on 03.01.2023 - 17.01.2023

Kaviya.R -IV year has attended internship on " Machine Learning Models using python Programming" at Artificial Intelligence Foundation Trust, India on 01.08.2022 - 31.08.2022

Priyadarshini.R -IV year has attended internship on "Cyber Security with Ethical Hacking" at NSIC- technical service center on 25.07.2022-01.08.2022

Muthamilselvi.M -IV year has attended internship on " Machine Learning Models using python Programming" at Artificial Intelligence Foundation Trust, India on 01.08.2022 - 31.08.2022

Muthamilselvi.M -IV year has attended internship on "Master Class on Data Analytics " at Future X on 02.01.2023 - 31.01 2023

Muthamilselvi.M -IV year has attended internship on "Cyber Security with Ethical Hacking" at NSIC- technical service center on 25.07.2022-01.08.2022

Priyadarshini.R -IV year has attended internship on "Web Development" at CodeBind Technologies on 12.06.2023-16.06.2023.

Priyadarshini. R-IV year has attended internship on "Master Class on Data Analytics" at FutureX on 02.01.2023-31.01.2023.

Navitha R -IV year has attended internship on "Internet of Things (IoT)" at CodeBind Technologies at Chennai on 06.05.2023 - 20.05.2023

Prakash Raj M -IV year has attended internship on "Master class on Data Analytics"atFuture X on 02.01.2023 - 31.01.2023

Navitha R -IV year has attended internship on " Cyber Security With Ethical Hacking" at NSIC - Technical Services Centre at Chennai on 25.07.2022 - 01.08.2022

Kelly Josephine raj.A -IV year has attended internship on "Web Development" at CodeBind Technologies on 07.06.2023- 11.06.2023

Kelly Josephine raj.A -IV year has attended internship on "Master Class on Data Analytics" at FutureX on 02.01.2023-31.01.2023.

Kirubashinni.S-IV year has attended internship on "Artificial intelligence" at verzeo on 1.9.2022-31.10.2022

Kirubashinni.S-IV year has attended internship on " Machine Learning Models using python Programming" at Artificial Intelligence Foundation Trust, India on 01.08.2022 - 31.08.2022

Kirubashinni.S -IV year has attended internship on"Master Class on Data Analytics" at FutureX on 02.01.2023-31.01.2023.

Kirubashinni.S -IV year has attended internship on"Web Development" at CodeBind Technologies on 07.06.2023- 11.06.2023

Kirubashinni.S -IV year has attended internship on"Web Developer" Daboticsindia private limited on 20.7.2023-20.8.2023

QUIZ, course and NPTEL

Lavanya .M -IV year has attended course on " Data Analytics" at NPTEL on 12.1.2023-12.4.2023

Lavanya .M -IV year has attended course on "Learn HTML " at Udemy on 13.6.2023

Lavanya .M -IV year has attended course on "CSS crash course for beginner" at Udemy on 13.6.2023

Maheshwaran.M-IV year has attended course on "CSS and JavaScript complete course for beginner" at Udemy on 8.2.2023

Kiruthika A-IV year has attended Online Quiz Competition " C/C ++/JAVA Programming" Conducted by CSE at Dhanalakshmi Srinivasan Engineering College Autonomous on 16.03.2024

Kaviya.T-IV year has attended "Quiz event" at Dhanalakshmi Srinivasan Engineering College on 31.03.2022.

KIRUTHIKA .A -IV year has attended Quiz "TECH DAY-22" won 2nd at Dhanalakshmi Srinivasan Engineering College (Autonomous), Perambalurheld on 31.3.2022.

Kiruthika A -IV year has attended in Online Quiz Competition " C/C ++/JAVA Programming" Conducted by CSE , Dhanalakshmi Srinivasan Engineering College Autonomous on 16.03.2024

Kavin R-IV year has attended course on Advanced Cyber Security Threats and Governance at Great Learning Academy On July 2023

Santhosh -IV year has attended completed course on "CSS and JavaScript" in Udemy on 21.8.2023

Kaviya.T-IV year attended completed Quiz on "Quiz event" at Dhanalakshmi Srinivasan Engineering College on 31.03.2022.

Priyadarshini.R IV year attended completed Poster Presentation entitled"Even detection using dynamic motion vector"at Dhanalakshmi Srinivasan Engineering College on 01.02.2024-03.02.2024.

Kaviya R -IV year has attended course on "Deep Learning For Remote Sensing Image & Meta Analysis " at Dhanalakshmi Srinivasan Engineering College Autonomous on 01.03.2024

Priyadarshini.R -IV year has attended course on "Data Analysis with Python" at cognitive class powered by IBM on 02.07.2023.

Kaviya.S -IV year has attended course on “Advanced python Programming “at Pantech e learning on 27.10.2022 -27.11.2022.

kaviya .S -IV year has attended course on “Html ,css ,and Javascript”atudemy on 9.6.2023

kaviya.S -IV year has attended course on“Learning Programming with Java-An interactive way “at Infosys on 28.6. 2023

Priyadarshini.R- IV year attended completed Quiz on "Quiz" event in Techday at Dhanalakshmi Srinivasan Engineering College on 31.03.2022.

Rakesh .J -IV year has attended course on "Python Programming for Beginners" at Udemy on 02.02.2023

Pavithran.M-IV year has attended course on "Python 3 ultimate Guide" at Udemy on 3.10.2023

Kirubashinni.S-IV year has attended course on "Artificial intelligence" at verzeoon 1.9.2022-31.10.2022

Kirubashinni.S-IV year has attended course on "Introduction to internet of things" at NPTEL on 12.1.2023-12.4.2023

Kirubashinni.S -IV year has attended course on"Front end development HTML"at great learning on June 2023

Kirubashinni.S -IV year has attended course on"Data visualization power BI"at great learning on July 2023

Kirubashinni.S -IV year has attended course on"Front end development CSS"at great learning on July 2023

Kirubashinni.S -IV year has attended symposium on " quiz and debugging" at Roever Techno meet 2k22 on 28.10.2022

Kirubashinni.S -IV year has attended course on"Bulid your own file sharing website " at Udemy on 11.06.2023

Kirubashinni.S -IV year has attended course on"Machine learning master class" at Pantech solution on 13.02.2023-14.3.2023

Kirubashinni.S -IV year has attended course on"the complete python bootcamp from zero to hero in python" at Udemy on 10.04.2023

TRAINING

Roshini.M -IV year has attended inplant training on “Web Development ” at Code Bind Technologies on 24.3.2023 -28.3.2023

Roshini.M -IV year has attended project on “Travel management using Java Programming” at CodeBind Technologies on 5.6.2023 -19.6.2023

Madhumitha .R-IV year has attended project on “Smart home automation using Arduino IDE ” at CodeBind Technologies on 6.6.2023 -20.6.2023

Madhumitha .R -IV year has attended inplant training on “Internet of Things” at CodeBind Technologies on6.6.2023 -10.6.2023

Madhumitha .R -IV year has attended placement training on “corporate training test” at CodeBind Technologies on 16.6.2023

Mouni.R -IV year has attended placement training on “corporate training test” at Code Bind Technologies on 16.6.2023

Mouni.R -IV year has attended inplant training on “Internet of Things” at Code Bind Technologies on6.6.2023 -20.6.2023

KaviyaT,-IV year has attended the project on "Online Train Ticket Booking System Using HTML, CSS, PHP and MySQL" at CodeBind Technologies on 28.6.2023 to 07.7.2023

KIRUTHIKA,A-IV year has attended Training on” INTERNET OF THINGS at CodeBind Technologies on 06.06.2023- 20.06.2023

Muthamilselvi.M -IV year has attended inplant training on “Internet of Things” at CodeBind Technologies on 6.6.2023 -20.6.2023

Muthamilselvi.M -IV year has attendedplacement training on “corporate training test” at CodeBind Technologies on 16.6.2023

Muthamilselvi.M -IV year has attended project on “Online shopping website using HTML,CSS,PHPand MYSQL” at CodeBind Technologies on 06.06.2023- 20.06.2023

Navitha R -IV year has attended placement training on “corporate training test” at CodeBind Technologies on 16.6.2023

Priyadarshini.R- IV year has attended project on "Collage Management System using HTML,CSS,PHP, MySQL " at CodeBind Technologies on 12.06.2023-16.06.2023.

Priyadarshini.R- IV year has attended the Inplant Training on "Web Development" at CodeBind Technologies on 12.06.2023-16.06.2023.

Priyadarshini.R -IV year has attended placement training on “corporate training test” at CodeBind Technologies on 16.6.2023

Navitha R -IV year has attended placement training on "Corporate Training Test" at CodeBind Technologies at Chennai on 16.06.2023

Navitha R R -IV year has attended Project Completion on " Smart Agriculture using Arduino IDE " at Code Bind Technology Chennai on 06.05.2023 - 20.05.2023

Prakash Raj M -IV year has attended Training on "Internship training Program in Python" in Sd Pro 12.06.2023 - 22.06.2023

Navitha R - IV year has attended the Inplant Training on " Internet of Things (IoT) " at CodeBind Technologies on 06.06.2023 - 20.06.2023

Kelly Josephine raj.A-IV year has attended project on “Online hotel management system using HTML,CSS,PHPand MYSQL” at CodeBind Technologies on 07.06.2023- 11.06.2023

Kelly Josephineraj.A -IV year has attended placement training on "Corporate Training Test" at CodeBind Technologies at Chennai on 21.06.2023

Kelly Josephine raj.A -IV year has attended on "Web Development" at Code Bind Technologies on 7.06.2023-11.06.2023.

WORKSHOP

Madhumitha .R -IV year has attended Workshop on “Android ” at Code Bind Technologies on 16.6.2023

Mouni.R -IV year has attended Workshop on “Android ” at Code Bind Technologies on 16.6.2023

Kiruthika A-IV year has attended Workshop on " Cloud Computing and IOT: Digital Resolution" organized by Center for Waste Management at Sathyabama Institute of Science and Technology on 29.08.2023

Kiruthika.A-IV year has attended workshop on "Software App development for Industrial & Commercial Sector" at Sathyabama Institute of Science & Technology on 30.08.2022.

Kiruthika.A-IV year has attended workshop on "Mastering the art of penetration testing " at Paavai Engineering College on 17.03.2023-18.03.2023

Kiruthika A-IV year has attended Workshop on " Cloud Computing and IOT: Digital Resolution organized by Center for Waste Management, Sathyabama Institute of Science and Technology at Chennai on 29.08.2023.

Kaviya R-IV year has attended Workshop on "Power Python " at LUDIFU on 13.06.2023

Muthamilselvi.M -IV year has attended Workshop on “corporate training test” at Code Bind Technologies on 16.6.2023

Muthamilselvi.M -IV year has attended Workshop on “Internet of things” at Adhiparasakthi college of engineering on 24.11,2022

Prakash Raj M -IV year has attended Workshop on "Exponential Technologies" at Sastra Engineering College 23.03.2023

Navitha R -IV year has attended Workshop on " Android" at Code Bind Technologies at Chennai on 10.06.2023

Kelly Josephine raj.A -IV year has attended Workshop on " Android" at Code Bind Technologies on 8.06.2023

Kirubashinni.S -IV year has attended Workshop on " Power BI " at ludifu on 5.06.2023

Kirubashinni.S -IV year has attended Workshop on "Android" at Code Bind Technologies on 8.06.2023

Sports Awards

- A.VISVA,S.SIVASAKTHI(III YEAR),T.MATHAVAN (II YEAR) has won RUNNER UP in Mens Kabaddi match held by Anna University zonal match on 19.10.2023
- ANJALI KUMARI (II year) has won second Prize in Anna University Zonal volley ball Tournament on 18.10.2023

Course Completion

- **Mr.AKASH R** has completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Mr.GOKUL S** has completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Mr. GUNA D** has completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss. ANITHA A** has completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss. BHAKIYALAKSHMI G** has completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss. DEEPIKA S** has completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss. GAYATHRI T** has completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss. JEEVA M** has completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss. KAMESHWARI S** has completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss.SASIKALA** has completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023

- **Miss.**SIVAGAMIhas completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss.**SUGANYAhas completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss.**ROSHINIhas completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss.**KIRUBASHINIhas completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss.** RAMYAhas completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss.** PARKAVIhas completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss.** KEERTHANahas completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Mr.**MOHANRAJhas completed NPTEL Online Course on “INTRODUCTION TO INTERNET OF THINGS” in Apr 2023
- **Miss.**KAVIYAhas completed NPTEL Online Course on “ CLOUD COMPUTING ” in Apr 2023
- **Miss.**PRABHA Shas completed NPTEL Online Course on “ CLOUD COMPUTING ” in Apr 2023
- **Miss.** LAVANYA .Mhas completed NPTEL Online Course on “ DATA ANALYTICS WITH PYTHON” in Apr 2023.

Department: ECE

Faculty Achievements

Publications

Patents

Books

Book Chapters

Resource Person

Invited Talks

Academic Awards

Events Organized

FDP Participated

Course Completed

Students Achievements

Publications

Events Participation and Awards

Sports Awards

Course Completion

Department: EEE

Faculty Achievements

Publications

Patents

Books

Book Chapters

Resource Person

Invited Talks

Academic Awards

Events Organized

FDP Participated

Course Completed

Students Achievements

Publications

Events Participation and Awards

Sports Awards

Course Completion

Department: Food Tech

Faculty Achievements

Publications:

1. Ms.S Krishnaveni

1. Assessment of proximate compositions and functional properties of health mix prepared from pista and thinai, 2023, 8 (2): 01-06
2. Evaluation of Nutritional Composition in Health Mix Developed from Almond and Kuthiraivali, Asian Journal of Innovative Research, 2023, 7 (2) 01-07

Patents

1. K. Vigneshwari, M. Yashini, S. Krishnaveni, B. Shirin Fargana, J. Irine Briny Hepzibha, Innovative Aquaponic systems for Efficient Food Production and Resource Utilization

Books

NIL

Book Chapters

1. Jackfruit as a Key Ingredient in Plant-Based Meat Alternatives: A Comprehensive Review of Manufacturing, Nutritional Composition, Sensory Attributes, and Consumer Acceptance
Princess Monica 1, Krishnaveni S 2, Thilagavathy R 3, Maria J Mukkadan 4

2. The anticancer activities of Annona muricata fruit hydroalcoholic extract against human osteosarcoma cells.

Krishnaveni S 1, Maria J Mukkadan 2, Thilagavathy R 3

Resource Person

NIL

Invited Talks

NIL

Academic Awards

NIL

Events Organized

1. Department of Food Technology organized an event entitled “Food Packzing 2K23” on 17-03-2023

Resource Person: Ms.R. Ganeshwari

Coordinators: Ms.S.Krishnaveni, Ms. K. Vigneshwari

2. Organized a “Food quality analysis event” at Nakshatra Extravaganza by Department of Food Technology and R & D cell dated: 23.2.23 to 25.2.23

Coordinators : Ms. B. Shirin Fargana, Ms. K. Vigneshwari

3. Department of Food Technology and Chemical Engineering organized a National Level Technical Symposium “CHEMIFEEDA 2K23” on 21-09-2023

4. Organized a Guest Lecture on The future of Food Tech opportunities in Taiwan on 26-8-2023

Resource Person: Mr. Navaneethan Sundhar, China Medical University, Taiwan

5. Organized a Guest Lecture on Orientation session to sensitize students on Smart India Hackathon on 23-09-2023

Resource Person: Mr. Kaviarasan.R, Head of IIC, Muthayammal college of Arts and Science, Rasipuram, Namakkal

6. Organized a Guest Lecture on Research career opportunities in Korea and Japan for Biotech and Food technology on 30-10-2023

Resource Person: Prathap Somasundaram, Department of stem cell and regenerative Biotechnology, Konkuk University, South Korea

7. Organized a Guest Lecture on Future of recent advances and Opportunities in Food Technology on 03-11-2023

Resource Person: Dr. G. SriSowmya, IIT Madras

FDP Participated

1. **Ms. Yashini M** has attended hybrid mode two weeks **FDP** on “ Packaging Technologies, smart warehouse practices and quality analytical instrument for safe food supply” in “NIFTEM-T, Thanjavur” dated: 02.01.2023 to 13.01.2023.

2. Ms. S.Krishnaveni attended the FDP ON “An overview about AI enabled learning through CHATGPT” ON 26-06-2023.

3. Ms. Maria J Mukkadan attended the FDP ON “An overview about AI enabled learning through CHATGPT” ON 26-06-2023.

4. Ms. R Thilagavathy attended the FDP ON “An overview about AI enabled learning through CHATGPT” ON 26-06-2023.

5. Ms. Maria J Mukkadan presented on “Modern Trends in Food Packaging” in the Faculty Enrichment Programme held on 09/09/2023

Workshop/Seminar/Conference

1. Shanmugapriya S has presented a paper (oral) entitled ‘‘EXTRACTION OF ANTHOCYANIN FROM ROSE PETALS AND ITS USAGE IN FOOD PRODUCTS ‘‘ in the international conference on innovative approaches in life sciences (ICIALS23) organized by dept of Food Science And Nutrition, the American College Madurai on 24.03.2023 to 25.03.2023.
2. Gokulavarshini .P has presented a paper (oral) entitled ‘‘EXTRACTION OF ANTHOCYANIN FROM ROSE PETALS AND ITS USAGE IN FOOD PRODUCTS ‘‘ in the international conference on innovative approaches in life sciences (ICIALS23) organized by dept of Food Science And Nutrition, the American College Madurai on 24.03.2023 to 25.03.2023 .
3. Shanmugapriya S has completed 2 days online food safety training on ‘‘HACCP LEVEL 4 ‘‘ organized by food tech professional advice consultancy, Maharashtra on 21.06.2023 to 22.06.2023.
4. Shanmugapriya S, Gokulavarshini P, Gokulkannan G, Susintha B, Dinesh G, Vignesh M, Sakthi Selvam K, Sanjay S and Raj Kumar T has participated in national millet summit organized by NIFTEM & SRM institute at SRMIST, Chennai on 06.05.2023.
5. Gokulkannan G, Sakthi Selvam K, Gokulavarshini P, Priyadharshini M, Raj Kumar T, Chandra Veenuka C and Dinesh G has completed Food Safety Supervisor Training on 26-06-2023.
6. Reshi Kessan.V, Gokul Nath.M, Therneesh.J, Nandhakumar.T, Mohammad Ashif.A, Shiva Rathinam.S, Jerom Rexpal.A, Manidharshini.S, Sathyapoorani.J, Saranya.S, Kalaiselvi.K, Srinithi .S, Archana.A, Santhana Lourdes.G, Mageshwari.S has participated in the Conference on ‘‘Entrepreneurship and Management’’ organized NIFTEM-T on 16-10-2023
7. Sastika.K, Neela.P, Jayasri.S, Santhosh Kumar.K, Poovaraj.D, Gokul Nath.M, Chandru.R, Shiva Rathinam.S has attended a two days workshop (28/10/2023-29/10/2023) on ‘‘Millet Based Bakery Product’’ organized by Saveetha Engineering College
8. Reshi Kessan.V, Gokul Nath.M, Chandru.R, Therneesh.J, Shiva Rathinam.S, Fathima Swaliha.R, Meena.S, Divine Santhiya.Z, Srinithi.S, Saranya.S has attended a two days conference(24/11/2023-25/11/2023) on ‘‘Cyber security summit'23’’ at DSEC
9. Divine Santhiya.Z, Princy.L, Nithya Shree.T, Guzhali.R, Fathima Swaliha.R, Meena.S, Srimathivathani.B has attended a symposium on ‘‘Millets for health and wealth of the nation’’ organized by Kalasalingam Academy of Research and Education on 20/10/2023
10. SIBI. M, Praveena. S, Abinaya Nagasree. P, Sowmithran.Y has attended two days(20.04.2023 to 21.04.2023) hands on training on food testing organized by Bannari amman Institute of technology

11. Praveena. S, Abinaya Nagasree. P has presented a paper in International Conference on food for the future (20/04/2023 -21/04/2023) organized by Bannari amman Institute of technology
12. NIVETHA.R, Dhanapriya.D, Gowri.k, vanitha.S, Fazal abbas. S, Bharathi.S, Charulatha.K, Darthi.S.B, Srinidhi.D has attended a workshop on “Spectrum Acquisition and interpretation of solid state NMR and FTIR” (04/11/2023) organized by Sathiyabama institute of science and technology, Chennai
13. S.JAGAN, Suresh Kumar S, Yashini N, Yashini N, Kaviya R, Aswini Priya, T Shanmathi C, Shanmugam E, Mukilan S, Vetrithamizhan E, Sakthiselvam K, Rajkumar S, Priyadarshini M, Chandra Veenuka C, Sanjay S, Gokulkannan G, Kabilan S has participated in one day national level seminar on “Millet Innovations: Entrepreneurship Opportunities in Agro Millets and Food Products” on 19-08-2023 at Excel Engineering College.

Sports Awards

1. Subash and Karan won in the South Zonal Anna University Kabbadi competition
2. Subash and Karan won in the DS Intercollege Kabbadi competition
3. Vijayakrishna won in the DS Intercollege Kabbadi competition

Course Completion

1. Abinaya Nagasree P has completed an online course in Lean Six Sigma yellow belt training on 28.01.2023 in vision excellence.
2. Harini N completed an NPTEL course on “Food Packaging Technology” (Aug-Oct 2023)
3. Nivisha R.N completed an NPTEL course on “Food Packaging Technology” (Aug-Oct 2023)

Department: IT

Faculty Achievements

Publications

International Journal

1. Dr.V.Thiruppathy Kesavan, Murugavalli, S., Premkumar, M., Selvarajan, S.: Adaptive neuro-fuzzy inference system and particle swarm optimization: A modern paradigm for securing VANETs. IET Communications. Vol. 17, Issue 19, 2219–2236 (2023). <https://doi.org/10.1049/cmu2.12692>. (SCI, IF 1.6, Q2)

International Conference

1. S. Adlin, V. Thiruppathy Kesavan, R. Gopi, D. Danalakshmi and R. Govindasamy, "An Automatic Detection of Citrus Fruits and Leaves Diseases using CNN," in 5th International Conference on Computer Networks, Big Data, and IoT, Trichy, 2023.

2. Mr.D.Vijaya kumar has participated and presented a title phishing website detection using machine learning rules with cryptography technique in 10th International conference on emerging trends in engineering & technology(ICETET 23) ON 28 & 29th April 2023

Patents

1. Indian patent filed with the title “A System and Method for Intelligent Assistance for Supplier Selection using Machine Learning”. Application No.: 202341053289, 2023
2. Indian Patent filled with the title “An Artificial Intelligence – IOT based Smart Poultry Farm Prototype for Indian Farmer Sector”, Application No.: 2023410412162.
3. Indian Patent filled with the title “IOT – driven Systems of NLP for Duplicate Signature Verification with a Dynamic database of reference using Machine Learning”, Application No.: 202341015862

Books

Book Chapters

1. Mary Odilya Teena, A. Isabella Amali, Thiruppathy Kesavan V, "Real Time Application and Policies: Metaverse Development Recommendations and Wearable Technology," in Industrial Revolution and Metaverse: Industry 5.0, Quing publications, 2023, pp. 103-118, ISBN: 978-81-963865-2-8, <https://doi.org/10.54368/qpb.2023.1.8>

Resource Person

Invited Talks

Academic Awards:

Events Organized

1. Organized a Two-Day National level summit on AI Revolution in Cyber Security Summit'23, organized by the National Cyber Security Research Center (NCSRC), India, hosted at Dhanalakshmi Srinivasan Engineering College, Perambalur on November 24-25, 2023.

FDP Participated

1. Dr.V.Thiruppathy Kesavan has attended a National Level Workshop on “Machine Learning: An Ice Breaker between Materials Research and Data Science”, during 2023-04-12 to 2023-04-13 organized by SSN Research Centre, SSN Institutions, Chennai in association with, IACG, Chennai.

2. Dr.V.Thiruppathy Kesavan has attended a Webinar on “How to use Generative AI Tools Ethically in your Academic Writing”, on 13.12.2023 organized by Cactus Communications, Paperpal.
3. Dr.V.Thiruppathy Kesavan has attended a Five-Day FDP on “Palo Alto Cybersecurity Foundation” from 2023-08-28 to 2023-09-01 organized by Dhanalakshmi Srinivasan Engineering College in association with ICT Academy and become a Palo Alto Networks Cyber Security Academy Instructor.
4. Mr.D.Vijaya Kumar Assistant Professor has attended a Five-Day FDP on “Palo Alto Cybersecurity Foundation” from 2023-08-28 to 2023-09-01 organized by Dhanalakshmi Srinivasan Engineering College in association with ICT Academy and become a Palo Alto Networks Cyber Security Academy Instructor.
5. Mr.D.Vijaya Kumar Assistant Professor has presented a paper titled phishing website detection using machine learning rules with cryptography technique held on 28,29 April 2023
6. Mr.S.Saravanan, Assistant Professor has attended a Five-Day FDP on “Palo Alto Cybersecurity Foundation” from 2023-08-28 to 2023-09-01 organized by Dhanalakshmi Srinivasan Engineering College in association with ICT Academy and become a Palo Alto Networks Cyber Security Academy Instructor.
7. Mr.S.Saravanan,Assistant Professor, has presented a paper entitled “CNN Classifier for kidney stone detection in 10th International conference on emerging trends in engineering and technology held on 28th & 29th April 2023
8. Mr.S.Saravanan , Assistant Professor, has participated in Five Days Faculty Development Programme (FDP) on Hands on training on Data science tool associated with ISTE held from 23.03.2023 to 28.03.2023
9. Mr.S.Saravana Kumar, Assistant Professor, has participated in Five Days Faculty Development Programme (FDP) on “Emerging Trends in Information Technology” organized by Department of Information Technology, Hindusthan College of Engineering and Technology, Coimbatore from 26.06.2023 to 30.06.2023.
10. Mr.S.Saravana Kumar Assistant Professor, has participated in Five Days Faculty Development Programme (FDP) on Hands on training on Data science tool associated with ISTE held from 23.03.2023 to 28.03.2023
11. Mr.S.Saravana Kumar, Assistant Professor has actively participated in the National Virtual Workshop on Machine Learning: An Ice Breaker Between Materials Research and Data Science
12. held during 12-13 April 2023 Organized by SSN Research Centre, SSN Institutions
13. Mr.S.Saravana Kumar has attended a Five-Day FDP on “Palo Alto Cybersecurity Foundation” from 2023-08-28 to 2023-09-01 organized by Dhanalakshmi Srinivasan Engineering College in association with ICT Academy and become a Palo Alto Networks Cyber Security Academy Instructor.

14. Mr.M..Ramu has attended a Five-Day FDP on “Palo Alto Cybersecurity Foundation” from 2023-08-28 to 2023-09-01 organized by Dhanalakshmi Srinivasan Engineering College in association with ICT Academy and become a Palo Alto Networks Cyber Security Academy Instructor.
15. Mrs.T.G.Ramya Priyatharsini ,Assistant Professor has attended a Five-Day FDP on “Palo Alto Cybersecurity Foundation” from 2023-08-28 to 2023-09-01 organized by Dhanalakshmi Srinivasan Engineering College in association with ICT Academy and become a Palo Alto Networks Cyber Security Academy Instructor.
16. Mrs.T.G.Ramya priyatharsini, Assistant Professor has attended one week National level FDP on cloud infrastructure(AWS) organized by Braino vision solution India private limited on 21st August to 25th August 2023
17. Mrs.T.G.Ramya priyatharsini Assistant Professor has participated in Five Days Faculty Development Programme (FDP) on Hands on training on Data science tool associated with ISTE held from 23.03.2023 to 28.03.2023
18. Mrs.A.Dhivya, Assistant Professor has attended a Five-Day FDP on “Palo Alto Cybersecurity Foundation” from 2023-08-28 to 2023-09-01 organized by Dhanalakshmi Srinivasan Engineering College in association with ICT Academy and become a Palo Alto Networks Cyber Security Academy Instructor.
19. Mr.M.Palanisamy,Assistant Professor has attended a Five-Day FDP on “Palo Alto Cybersecurity Foundation” from 2023-08-28 to 2023-09-01 organized by Dhanalakshmi Srinivasan Engineering College in association with ICT Academy and become a Palo Alto Networks Cyber Security Academy Instructor.
20. Ms.K.Lalithavani ,Assistant Professor has attended a Five-Day FDP on “Palo Alto Cybersecurity Foundation” from 2023-08-28 to 2023-09-01 organized by Dhanalakshmi Srinivasan Engineering College in association with ICT Academy and become a Palo Alto Networks Cyber Security Academy Instructor.
21. Ms.K.Lalithavani,Assistant Professor has attended one week National level FDP on cloud infrastructure(AWS) organized by Braino vision solution India private limited 21st August to 25th August 2023

Course Completed

- 1.Mr.S.Saravana Kumar completed NPTEL course in cloud computing on April 2023
- 2.Mr.S.Saravanan completed NPTEL course in cloud computing on April 2023
- 3.Mrs.T.G.Ramya Priyatharsini completed NPTEL course in Internet of things on october 2023

Students Achievements

Publications

Events Participation and Awards

1. Arthi.G, IV Year IT,has completed internship in web development at CodeBind Technologies from 3.1.2023-12.1.2023
2. Keerthana R, IV Year IT has completed internship in Shiash Info Solutions Private Limited from 3.1.2023-12.1.2023
3. Avinash.V.G ,IV Year IT has completed internship in web development at CodeBind Technologies from 12.6.2023-17.6.2023
4. Avinash.V.G,IV Year IT has participated in the event of paper presentation a national technical symposium organized by DSEC(A)
5. M.Logasri,IV Year IT has completed internship in Shiash Info Solutions Private Limited from 3.1.2023-21.1.2023
6. Karpagam N,IV Year IT has completed an internship project in the role of RDA developer intern at pinus software solution private limited held on 13 Jan 2023
7. Chinraj,M,IV Year IT has presented a paper in the event of paper presentation and won first prize in technical symposium held On 10.3.2023
8. Hariprakash. R.V completed internship in web development at CodeBind Technologies from 3.1.2023-12.1.2023
9. Sahan.R,III Year IT has completed one month internship on programming in Python designed and developed as per the standards of T4TEQ Software solutions on (12.6.2023 - 14.7.2023)

Sports Awards

1. Nandhini.B,III Year IT has participated in the event Google Speech recognition API using Python organized by Live Wire held on 18 feb 2023
2. Nandhini.B,III Year IT has undergone “Virtual Internship training on Android application development with IOT conducted by NSIC -Technical services centre held on 3.7.2023-10.7.2023
3. Arputharaj.P,II Year A, has participated in National level Workshop on Building your own big spot with ReactJS held on October 6,2023
4. Mohamed Arif M,II Year B, has participated in a one-day National level Workshop on Innovative Applications of Industry 5.0 held at Vellore institute of Technology,held on 5 October 2023

5. Mohamed Arif M has participated in a Two days National level Workshop series 23 on When AI meets internet of things held on 25,26 November 2023
6. Pooja.S,II Year B has participated National level Workshop on Building your own big spot with ReactJS held on October 6,2023
7. Janani Sri,II Year B has participated in the event of paper presentation in National level technical symposium -TECH FRENZY 23 held on 5 october 2023
8. Subiksha M,II Year C, has participated in a one-day National level Workshop on Implications of Artificial Intelligence for electrical vehicle and Charging Technology
9. Suga priya R,II Year C, has participated in a one-day National level Workshop on Implications of Artificial Intelligence for electrical vehicle and Charging Technology
10. Sanjavi.S,II Year C, has participated in a one-day National level Workshop on Implications of Artificial Intelligence for electrical vehicle and Charging Technology
11. Swetha.D, II Year C, has participated in a one-day National level Workshop on Implications of Artificial Intelligence for electrical vehicle and Charging Technology
12. Varsha .S,II Year C, has participated in a one day National level Workshop on Implications of Artificial Intelligence for electrical vehicle and Charging Technology
13. SivaSakthi.V,II Year C, has participated in a one-day National level Workshop on Implications of Artificial Intelligence for electrical vehicle and Charging Technology
14. Serina Senthil.S,II Year C, has participated in a one-day National level Workshop on Implications of Artificial Intelligence for electrical vehicle and Charging Technology

Course Completion

1. Kesavan.P IV Year IT, has completed the course on Java in Live Wire held on 15 march 2023 -15 may 2023

Department: Mech

Faculty Achievements

Publications

An investigation of characteristics of a diesel engine with low heat rejection fuelled by spirulina algae biodiesel. (2023). *Indian Journal of Chemical Technology*. <https://doi.org/10.56042/ijct.v30i6.4392>

Venkatesan, M., Ashaya, K., Arunprasad, J., & Thirugnanasambantham, R. (2023). Experimental study on the mechanical behavior of natural fibers reinforced with epoxy-based hybrid composites. *Materials Today: Proceedings*. <https://doi.org/10.1016/j.matpr.2023.10.013>

Anbu, S., Arunprasad, J., Kalidoss, P., & Sivakumar, C. (2022). Comparative studies on convective heat transfer behaviour of nanofluids under turbulent flow with inserts. *International Journal of Ambient Energy*, 44(1), 892–903. <https://doi.org/10.1080/01430750.2022.2156608>

Kalidoss, P., Venkatachalapathy, S., Suresh, S., Anbu, S., Karthikeyan, K., NandaKishore, P. V., Reddy, S., Krishnan, S., Prathiban, S., & Sivakumar, J. (2024). Experimental investigation on thermophysical and optical properties of hybrid nanoerythritol for photothermal energy conversion and storage. *International Journal of Ambient Energy*, 45(1). <https://doi.org/10.1080/01430750.2024.2321518>

Anbu, S., Kalidoss, P., Elangovan, K., & Arunkumar, P. (2023). Comparative studies on thermal performance of spiraled rod inserts in laminar flow with nanofluids. *International Journal of Ambient Energy*, 44(1), 2214–2228. <https://doi.org/10.1080/01430750.2023.2231467>

Dinaharan, I., Kapagarajan, S., Palanivel, R., & Vigneshwaran, S. (2023). Silicon carbide particulate reinforced dual phase brass composites with improved wear resistance prepared via friction stir processing. *Advances in Materials and Processing Technologies*, 1–11. <https://doi.org/10.1080/2374068x.2023.2223824>

Karpagarajan, S., Balamurugan, C., Vigneshwaran, S., & Aziz, E. I. A. (2023). Effect of volume fraction on microstructure and wear behavior of dual-phase

brass/W surface composites fabricated via friction stir processing. *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications*, 237(7), 1562–1574. <https://doi.org/10.1177/14644207221149168>

Dinaharan, I., Kapagarajan, S., Palanivel, R., & Vigneshwaran, S. (2023). Silicon carbide particulate reinforced dual phase brass composites with improved wear resistance prepared via friction stir processing. *Advances in Materials and Processing Technologies*, 1–11. <https://doi.org/10.1080/2374068x.2023.2223824>

Patents

Dr. K. ELANGO VAN, Dr. K. VELMURUGAN, Dr. M. CHELLAPPAN, Dr. S. ANBU, Dr. J. ARUNPRASAD, Indian patent filed with the title “AN INNOVATIVE AIR FILTRATION SYSTEM FOR IMPROVED INDOOR AIR QUALITY”. Application No.: 202341041228 A, 17/06/2023.

Books

Book Chapters

Resource Person

Invited Talks

Academic Awards

Events Organized

FDP Participated

Course Completed

Students Achievements

Publications

Events Participation and Awards

S.N o	STUDENT NAME	YEAR	Nature of Event	Event Name	ORGANIZING INSTITUTE	DATE
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1	KRISHNAMOORTHY.B	III A	Workshop	LATHE IT OFF	NIT TRICHY	09/03/24
2	DHANASEKARAN.M	III A	Workshop	LATHE IT OFF	NIT TRICHY	09/03/24
3	MUKESH.K.S	III A	Workshop	IC ENGINE ASSEMBLY AND DISMANTALIN G	NIT TRICHY	09/03/24
4	ARASUVEL.I	III A	Workshop	ROCKET PROPULSION TECHNOLOGY	NIT TRICHY	10/03/24
5	MAVANNAN.S	III A	Workshop	SOLID WORK	NIT TRICHY	08/03/24
6	MAVANNAN.S	III A	PAPER PRESENTA TION	SYMPOSIUM	NEHRU INSTITUTE OF TECHNOLOG Y,COIMBATO RE	15/03/24
7	DINESH T	III A	QUIZ COMPETITI ON	VORTEX QUIZ COMPETITION	NIT TRICHY	08/03/24
8	ENIYAN.R.V	III A	Workshop	WORKSHOP ON DISMANTLING & ASSEMBLY OF ENGINES	KARPAGAM COLLEGE OF ENGINEERIN G,COIMBAT ORE	15/03/24
9	SOMASUNDHARAM G	III B	Workshop	3D PRINTING IN MEDICAL FIELD	K RAMAKRISH NA ENGINEERIN G COLLEGE(A)	15/03/24
10	SARAN R	III B	Workshop	3D PRINTING IN MEDICAL FIELD	K RAMAKRISH NA ENGINEERIN G	15/03/24

					COLLEGE(A)	
11	RANJITH R	III B	Workshop	3D PRINTING IN MEDICAL FIELD	K RAMAKRISH NA ENGINEERIN G COLLEGE(A)	15/03/24
12	RANJITH R	III B	Workshop	3D PRINTING IN MEDICAL FIELD	K RAMAKRISH NA ENGINEERIN G COLLEGE(A)	15/03/24
13	SATHEESH	III B	Workshop	3D PRINTING IN MEDICAL FIELD	K RAMAKRISH NA ENGINEERIN G COLLEGE(A)	15/03/24
14	SATHIYAMOORTHY T	III B	Workshop	3D PRINTING IN MEDICAL FIELD	K RAMAKRISH NA ENGINEERIN G COLLEGE(A)	15/03/24
15	SHAM VASANTH F	III B	Workshop	IC ENGINE AND EV	K RAMAKRISH NA ENGINEERIN G COLLEGE(A)	18.03.24 - 19.03.24
16	VIGNESH D	III B	Workshop	IC ENGINE AND EV	K RAMAKRISH NA ENGINEERIN G COLLEGE(A)	18.03.24 - 19.03.24
17	SIRANJEEVI S	III B	Workshop	IC ENGINE	K	18.03.24 -

				AND EV	RAMAKRISHNA ENGINEERING COLLEGE(A)	19.03.24
18	SIBIRAJ S	III B	Workshop	IC ENGINE AND EV	K RAMAKRISHNA ENGINEERING COLLEGE(A)	18.03.24 - 19.03.24

Sports Awards

Course Completion

Department: Pharma Tech
Faculty Achievements

Publications

Himabindu P, G.V. Radha, Santhosh Kumar Chinnaiyan, (2024) Formulation optimization and PK/PD evaluation of novel valsartan bilosomes enhancing transdermal drug delivery, Journal of Drug Delivery Science and Technology. 92, 105400 (Impact factor 5.062)
doi.org/10.1016/j.jddst.2024.105400

Patents : Nil

Books Nil

Book Chapters

Gouranga Dutta, Santhosh Kumar Chinnaiyan, Abimanyu Sugumaran,(2024) Functionalized Magnetic Nanosystems for Diagnostic Tools and Devices.Functionalized Magnetic Nanosystems for Diagnostic Tools and Devices Current and Emerging Research Trends A volume in Micro and Nano Technologies Elsevier, 2024, Pages 529-558 DOI: 10.1016/B978-0-443-19012-4.00013-8

Resource Person nil

Invited Talks Nil

Academic Awards Nil

Events Organized

FDP Participated nil

Course Completed: Nil

Students Achievements

Publications Nil

Events Participation and Awards

SANTHASHEELA, NIVETHA. E, PRIYADHARSHINI. M and POORANI. R Presented the research paper entitled : IMPACT OF QUERCETIN, won third Third Prize in Our Third Kamaraj college of engineering and technology,

Sports Awards nil

Course Completion nil

Department: Robotics and Automation

Faculty Achievements

Publications

Vijay Manoharan, Sekar Tamilperuvalathan 2023,' Experimental investigation and prediction of ECDM parameters on fiber reinforced SiC composite using hybrid ERNN-based Sparrow Search Optimization'. **Materials Today Communications**, Vol.36, pp. 106777. DOI:10.1016/j.mtcomm.2023.106777 **(Impact Factor 3.8) (SCI-E and Scopes Indexed)**

Patents

Nil

Books: Nil

Book Chapters

Dr.M.Vijay, Dr.D.Katherrasan, G.Chandrasekar, P.Sundaresan, S.Balamurugan Experimental Investigations on Electrochemical Discharge Machining of Ceramic Composite in **Emerging Innovative Research in Science and Technology -ISBN: 978-93-91977-32-0, Trueline Academic and Research Centre** (Trueline Publisher), Salem – 637103, Tamil Nadu, India, (2023), 3-11.

Resource Person - Nil

Invited Talks - Nil

Academic Awards - Nil

Events Organized

Department of Robotics and Automation and the Department of Artificial Intelligence have jointly organized a **National Level Technical Symposium “INTRAA 2K23”** on **14.09.2023**.

Department of Robotics and Automation signed an MOU with **Robotian India Pvt.Ltd.** and organized a one-day workshop on **“Smart India Hackathon”** on **05.10.2023**

FDP Participated

Dr.M.Vijay has participated in the **DST Sponsored Two Weeks Faculty Development Programme** on **“Development of Entrepreneurship and Innovation”** from **29th May – 9th June 2023** in online mode Organized by **Academy of Maritime Education and Training Deemed to be University, Chennai**.

Course Completed

Students Achievements

Publications - Nil

Events Participation and Awards

Technical Symposium

1. Our 3rd year students **Saravanan R, Kishor sabarinathan A, Srihariharan S** bagged **First prize** in the event **“Project expo & Line follower”**, **“TECHFINIX’23”** national level Symposium at Paavai Engineering college Namakkal on 19.10.2023 to 20.10.2023.

2. Our 2nd year students **Kavinesh P, Hariharan B, Shanmugasundaram M** bagged **Second prize** in the event “**Line follower**” “**TECHFINIX’23**” national level Symposium at Paavai Engineering college Namakkal on 19.10.2023 to 20.10.2023.
3. Our 3rd year students **Saravanan R, Kishor sabarinathan A** bagged **First prize** in Project expo“**ERSMERONZ’23**” national level Symposium at **Bannari Amman Institute of technology** Sathyamangalam Erode on 20.03.2023 to 21.03.2023.

Workshop

1. Our 3rd year students **Srihariharn S, Muhammed Nayeem, Muhammed Rizwan** Paticipated in workshop“**ERSMERONZ’23**” national level Symposium at Bannari Amman Institute of technology Sathyamangalam Erode on 20.03.2023 to 21.03.2023.
2. Our 3rd year students **Saravanan R, Rahul N, Abu sufiyan, Alwin T R, Fayiz Muhammed** participated in workshop on **INDUSTRIAL IOT USING LORAWAN TECHNOLOGY** held on 12.10.2023 to 13.10.2023 at Dhanalaksmi srinivasan engineering college Perambalur.

Technical Competition

1. Our 2nd year students **Shanmugasundaram M, Aishwarya, Pradeepa** Participated in Robot trail “**TECHNOVIT’23**” national level Competition at Vellore Institute of technology Chennai on 06.10.2023.
2. Our 2nd year students **Kavinesh P, Hariharan B, Kathirvel** Participated in Robot trail “**TECHNOVIT’23**” national level Competition at Vellore Institute of technology Chennai on 04.10.2023.

Youth conclave

1. Our 3rd year students **Saravanan R, Srihariharan s, Adithyan lalappan** Participated in “**INAE-SERB GITAM Youth conclave 2023** ” held on 03.11.2023 to 04.11.2023 at Gitam University Visakhapatnam, Andhra Pradesh.

Sports Awards

Course Completion

MBA

Faculty Achievements

Book Chapters

NIL

Resource Person

NIL

Invited Talks

NIL

Academic Awards

NIL

Events Organized

Department of MBA was organized a one day workshop on Securities markets on 14.09.2023

Department of MBA Organized one day National level Symposium UNIQUE-2K23 Organized by Dhanalakshmi Srinivasan Engineering College (A)-Perambalur. On 4th Oct-2023.

Department of MBA was organized a one day Workshop in “Sparkle Your Startup Dream” on 31.10.2023.

FDP Participated

NIL

Course Completed

NIL

Students Achievements

NIL

Publications

NIL

Events Participation and Awards:

Mr.B.Baskar attended a one day workshop on Securities market (Kona Kona Shiksha) on 7.11.2023.

Mr.B.Baskar has Presented a paper on International Conference on **Entrepreneurship development in India Opportunities & Challenges -ICEDIOC-2K23** Organized by Srinivasan College of Arts & Science -Perambalur. On 31.Jan & 1st Feb 2023.

Mr.B.Baskar has presented a paper in **National level Symposium UNIQUE-2K23** Organized by Dhanalakshmi Srinivasan Engineering College (A)-Perambalur. On 4th Oct-2023.

Mr.B.Baskar has Participated **Two Days International Workshop on Innovation in the Smart Technology World Using LOT** .Organized by Srinivasan College of Arts & Science -Perambalur.on 24.&25.Aug.2023.

Mr.B.Baskar has Participated webinar in **Financial Empowerment and Career Opportunities in Financial and Securities**.on 24.&25.Aug.2023.Organized by Ramachandra College of Engineering (A), Eluru,Andhra pradesh.

Mr.B.Baskar has Participated webinar in **Over View of Securities Market and Career Growth**.Organized by Krishna Foundation (Securities Market Mumbai) on 29th March 2023.

Sports Awards

Nil

Course Completion

NIL

MCA

Faculty Achievements

Publications

Patents

Books

Book Chapters

Resource Person

Invited Talks

Academic Awards

Events Organized

FDP Participated

Course Completed

Students Achievements

Publications

Events Participation and Awards

Sports Awards

Course Completion