

#### **NEWSLETTER**



# ITBULLETIN

JAN 2025 - MAY 2025



#### EDITORIAL COMMITTEE MEMBERS

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Dr. M. Jaiganesh

Professor - IT



#### **Department level Chief Editor:**

Dr. N. M.Saravana Kumar

Professor & Head of the Department - IT



#### **Editor:**

Ms. A.Suganya

Assistant Professor -IT





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#### **DEPARTMENT @ GLANCE**

The Department of Information Technology was started in the academic year 2001. The Department is located in a newly constructed 70000 Sq.ft state-of-the art information Sciences Block. The block also houses a separate Laboratory block and one open Air Theater to seat 500 students. The Department is equipped with excellent computing facilities. The Internet facility is extended to the students free of cost. The laboratory hours have been extended to enable students to work on independent projects and to gain hands-on experience. The department is adorned with well-qualified faculty and technical staff members. Curriculum and Syllabus are upgraded with feedback from all stakeholders from time to time for the benefit of students. The Potential skills of the students are improved by encouraging them to prepare technical articles for the department magazine. The students are motivated to participate in technical seminars and competitions, both within and outside the campus for their overall personality improvement. The Potential skills of the students are improved by encouraging them to prepare technical articles for the department magazine. The Department has signed MoU with Google Developers group, TIMS, Favorite, Techvolt Software Pvt Limited, Orita Sinclair school of Design and Infosys Technologies Ltd. through campus connect Programme to train our students to meet the growing demands of the IT Industries and to increase employability by providing technical and soft skills. Faculty Enablement Programmes are conducted for our faculties through technical experts from Infosys, Wipro, EMC2 etc. to make students trained and get placed in companies.

#### VISION OF THE DEPARTMENT

Company Laborate Street Company Laborate Street

❖ To provide reliable and modern technology resources to the faculty and students to develop the competence in Information Technology and to endure with the rapidly changing world to serve the mankind.



#### MISSION OF THE DEPARTMENT

- Imparting technical knowledge through innovative teaching and research for budding professionals.
- ❖ To equip the students with strong fundamentals, programming and problem-solving skills with an exposure to emerging technologies and inculcate leadership qualities with a passion to serve society.
- ❖ Establish centers of research in the areas of computer science and design by imparting state-of-the-art technical knowledge to meet the immediate needs of society.

#### PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

- ❖ PEO1: Graduate will have successful professional career in software industries or pursue higher education in reputed institutions or execute entrepreneurial ventures.
- ❖ **PEO2:** Graduates will deliver effectual computing solutions for real time problems and function as individual or member of multi-disciplinary team.
- **PEO3:** Graduates will demonstrate continual learning pursuit and exhibit ethical values.

#### PROGRAMME SPECIFIC OUTCOMES (PSO)

**PSO1:** Ability to organize an IT infrastructure, secure the data and analyze the data analytic techniques in the field of data mining, big data to facilitate in solving problems.

**PSO2:** Ability to analyze and design the system in the domain of Cloud and Internet of Things.



INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)

(Centre of Excellence / MoU's / Collaboration Activities / Partial Delivery)

#### MoU - Memorandum of Understanding

#### **Edrootsinternational**

Third floor, #725, SR Complex, Avinashi Road, above South Indian Bank, opp. Hotel Residency, Race Course, Puliakulam, Coimbatore Tamil Nadu - 641018



Dr. N.M.Saravanakumar, HoD /IT signing MoU with M/S. Edrootsinternational on 08.10.2024

#### **Partial Delivery**



MrRanjith, engaging in the crowd with a brief talk on Cloud Computing

Partial Delivery on
Delievery- 23ITR301
Operating Systems
(05.03.2025)

by
Mr.Ranjith,
Cloud Engineer,
Accent Techno soft,
Coimbatore.



#### **FACULTY CORNER**

Faculty Awards / Achievements/ Patents

#### **Faculty Awards / Achievements**

| S.No. | Name of the<br>Faculty | Photograph | Title of the Course                   | Category<br>(Completed/Elite/<br>silver/Gold) |
|-------|------------------------|------------|---------------------------------------|---|
| 1.    | Ms. Gayathri S         |            | Google Cloud Computing<br>Foundations | ELITE   |
| 2.    | Dr. Dhurga Devi M      |            | Big Data Computing                    | ELITE+SILVER                                  |
|       | Dr. Sreeja B P         |            | Python for Data Science               |   |
| 3.    |                        |            | Introduction to Machine<br>Learning   | ELITE   |
| 4.    | Ms.Arthi A             |            | Design Thinking - A Primer            | ELITE+ SILVER                                 |
|       | Dr.Jothiprakash V      |            | Introduction to Internet of<br>Things | ELITE+GOLD<br>+Topper 1%-                     |
| 5.    |                        |            | Design Thinking - A Primer            | ELITE+SILVER<br>+Topper 5%                    |



| S.No. | Name of the<br>Faculty | Photograph | Title of the Course                   | Category<br>(Completed/Elite/<br>silver/Gold) |
|-------|------------------------|------------|---------------------------------------|---|
| 6.    | Dr. Castro S           |            | The Joy of Computing Using<br>Python  | ELITE   |
| 7.    | Mr. Varatharajan N     |            | Introduction to Internet of<br>Things | ELITE+ SILVER                                 |
| 8.    | Mr.Jegathesh P         |            | Introduction to Machine<br>Learning   | Successfully<br>Completed                     |
| 9.    | Mrs. Shyamala M        |            | Introduction to Internet of<br>Things | Successfully<br>Completed                     |
| 10.   | Mrs.Ananthi K          |            | Introduction to Internet of<br>Things | Successfully<br>Completed                     |









# Gallery











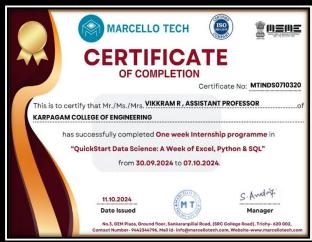






Awards/Achievements - Gallery





















#### **Awards/Achievements - Gallery**

















#### **CERTIFICATE OF PARTICIPATION**

This is to certify that Gayathri S from KCE has actively participated in a Five-day Faculty Development Program on "EMPOWERING EDUCATORS WITH AI AND ML: STRATEGIES AND APPLICATION" Organised by Department of CSE in collaboration with IEEE KLHSB from 8th July to 12th July 2024.











#### KONERU LAKSHMAIAH EDUCATION FOUNDATION



#### CERTIFICATE OF PARTICIPATION

This is to certify that S. CASTRO from Karpagam college of engineering has actively participated in a Five-day Faculty Development Program on "EMPOWERING EDUCATORS WITH AI AND ML: STRATEGIES AND APPLICATION" Organised by Department of CSE in collaboration with IEEE KLHSB from 8th July to 12th July 2024.



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Box Co-Convenor

#### KONERU LAKSHMAIAH EDUCATION FOUNDATION



This is to certify that Arthi A from Karpagam College of Engineering has actively participated in a Five-day Faculty Development Program on "EMPOWERING EDUCATORS WITH AI AND ML: STRATEGIES AND APPLICATION" Organised by Department of CSE in collaboration with IEEE KLHSB from 8th July to 12th July 2024.





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CERTIFICATE OF PARTICIPATION

This is to certify that M.SHYAMALA from Karpagam college of engineering has actively participated in a Five-day Faculty Development Program on "EMPOWERING EDUCATORS WITH AI AND ML: STRATEGIES AND APPLICATION" Organised by Department of CSE in collaboration with IEEE KLHSB from 8th July to 12th July 2024.



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#### KONERU LAKSHMAIAH EDUCATION FOUNDATION

CERTIFICATE OF PARTICIPATION

This is to certify that K. ANANTHI from Karpagam College of Engineering has actively participated in a Five-day Faculty Development Program on "EMPOWERING EDUCATORS WITH AL AND MIL: STRATEGIES AND APPLICATION" Organised by Department of CSE in collaboration with IEEE KLHSB from 8th July to 12th July 2024.



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Whi

Co-Convenor

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# Patents/Awards/ GalleryAwards/Achievements

| S.No. | FacultyName          | Published/ | TitleofthePatent  |
|-------|----------------------|------------|---|
|       | - acassy             | Granted    |   |
| 1.    | Dr.N.M.Saravanakumar | Granted    | Nerve activation device for paralysed patients  |
| 2.    | Dr. T. Guhan         | Granted    | Industrial IoT unit for predictive maintenance of plant   |
| 3.    | Dr. B P Sreeja       | Published  | Intelligent AI based solid waste recycle and reuse monitoring device  |
| 4.    | Dr.V.JothiPrakash    | Published  | AI based smart personalized learning platform using student performance data and machine learning algorithms  |
| 5.    | Ms.A.Arthi           | Published  | AI-driven revenue optimization: transforming e-<br>commerce with dynamic pricing strategies   |
| 6.    | Ms.S.Gayathri        | Published  | IoT enabled automated system for loading and unloading gunny bags in warehouses   |
| 7.    | Ms.K.Ananthi         | Published  | Smart IoT system for slope disaster detection and early warning   |
| 8.    | Mr.R.Vikkram         | Granted    | Data link hub for enhanced connectivity   |
| 9.    | Mr.P.Jegathesh       | Published  | AI and IoT enabled attendance and engagement monitoring sysem for remote and in-person classrooms   |
| 10.   | Dr.M.Dhurgadevi      | Published  | Edge AI Framework for Real Time Processing in IoT Enabled 4Smart Home   |
| 11.   | Ms.M.Shyamala        | Published  | A Method for Lightweight Identity Authentication of<br>Power Internet of Things Sensing Terminals Using Edge<br>Agents for Secure Ciphertext Decryption and Signature<br>Verification |
| 12.   | Dr.S.Castro          | Published  | AI-Powered Crop Protected:IntelligenceScareRow for<br>Automated Wild Life Management  |



| S.No. | FacultyName  | Published/<br>Granted | TitleofthePatent   |
|-------|--------------|-----------------------|--|
| 13.   | Ms.K.Deepa   | Published             | Advanced Machine Learning algorithms for defect detection in High-speed textile Production lines |
| 14.   | Dr. T. Guhan | Published             | Gesture Recognition interface for virtual reality applications                                   |

Faculty Participation – Seminar / Webinar / Workshop / FDP / STTP

| S.No. | Name of the<br>Faculty   | Title   | Duration<br>(Number<br>of days) | Location                                    | Date                     |
|-------|--|---|---------------------------------|---|--------------------------|
| 1     | Dr.Saravana Kumar  | Cyber Security and Blockchain: Current Trends and Future Directions     |                                 | KLH Aziz Nagar-Hyderabad<br>Campus.         | 01.07.2024 to 05.07.2024 |
| 2     | Dr.Dhurgadevi M  Cutting Edge Reso<br>and Technologie<br>Signal Processing<br>MATLAB |   | 6 Days                          | MLR Institute of Technology<br>Hyderabad    | 12.08.2024 to 17.08.2024 |
| 3     | Dr. Guhan T  | Data Visualization and<br>Analysis                                      | 7 Days                          | Marian College, Kuttikkanam                 | 05.07.2024 to 11.07.2024 |
|       |  | Webinar on New Trends in Cloud Computing                                |                                 | Organized Directly by "Tata<br>McGraw Hill" | 30.06.2024               |
|       | Advanced Technology Program - Cloud Computing Learning                               |   | 5 Days                          | Wipro - TalentNext                          | 21.10.24 to 25.10.24     |
| 4     | Mr.Vikkram R   | Advanced Training Program on Artificial Intelligence & Machine Learning | 5 Days                          | Wipro Technologies                          | 26-08-2024 to 30-08-2024 |



|       |                           |  |                                 | (Autonomous)  |                             |
|-------|---------------------------|--|---------------------------------|---|-----------------------------|
| S.No. | Name of the Faculty Title |  | Duration<br>(Number<br>of days) | Location  | Date                        |
| 5     | Ms.Suganya A              | Machine Learning and Artificial Intelligence   | 5 days                          | PimpriChinchwad College of<br>Engineering and Research,<br>Ravet, | 12.08.2024 to 19.08.2024    |
| 6     | Mr.Varatharajan N         | Empowering Educators with AI and ML: Strategies and Application                        | 5 Days                          | KoneruLakshmaiah Education Foundation with IEEE KLHSB             | 08-07-2024 to 12-07-2024    |
|       |                           | Recent Trends in Computing 4.0   | 6 Days                          | Vishwakarma Institute of Technology                               | 08.7.2024 to 13.7.2024      |
|       |                           | FDP on Internet of<br>Things for Emerging<br>Technical Applications                    | 5 Days                          | MPNMJ Engineering<br>College, Erode                               | 12.08.2024 to<br>17.08.2024 |
|       |                           | Advanced Training<br>Program on ALML   | 5 Days                          | Wipro Technologies  | 26-08-2024 to 30-08-2024    |
|       |                           | Empowering Educators with AI and ML: Strategies and Application                        | 5 Days                          | KoneruLakshmaiah<br>Education                                     | 08-07-2024 to 12-07-2024    |
| 7     | Dr.Sreeja B P             | Advanced Technology Program - Cloud Computing Learning                                 | 5 Days                          | Wipro - TalentNext  | 21.10.24 to 25.10.24        |
|       |                           | Workshop on Modern FrontEnd Technologies using in IT industry                          |                                 | PencilBitz Academy  | 21 /8/24 to<br>22/8/24      |
|       |                           | Data Science and Machine Learning applications for engineering and Sciences            | 7 Days                          | Shri Vishnu Engineering<br>College for women                      | 21st – 27th<br>October 2024 |
|       |                           | ATAL FDP on Revolutionizing Agriculture through AI Models, Practices and Interventions | 6 Days                          | M.Kumarasamy College of Engineering, karur                        | 06.01.2025 to 11.01.2025    |



|       | Name of the    |   | Duration         |   |                             |  |
|-------|----------------|---|------------------|---|-----------------------------|--|
| S.No. | Faculty        | Title   | (Number of days) | Location                                  | Date                        |  |
|       |                | Machine Learning using Python   | 5 Days           | NITTTR, Chandigarh                        | 17.02.25 to 21.02.25        |  |
|       |                | Workshop on Essential AI Tools for Teachers, Students and Researchers         | 2 days           | A2Z EduLearningHub                        | 8th & 9th July              |  |
|       |                | Workshop on Basic<br>Research Essentials                                      | 3 Days           | CEDAAR,Chennai                            | 06.09.2024 to 07.09.2024    |  |
|       |                | Internet of Things for<br>Emerging Technical<br>Applications                  | 6 Days           | MPNMJ Engineering College,<br>Erode       | 12-08-2024 to<br>17-08-2024 |  |
|       | Ms. Gayathri S | Advanced Training Program on Artificial Intelligence & Machine Learning       | 5 Days           | Wipro Technologies                        | 26-08-2024 to 30-08-2024    |  |
| 8     |                | Empowering Educators s. Gayathri S with AI and ML: Strategies and Application |                  | KoneruLakshmaiah Education                | 08-07-2024 to 12-07-2024    |  |
|       |                | Workshop on Get in-depounderstanding of Kafka<br>and Zookeeper                |                  | Scaler                                    | 23.07.2024                  |  |
|       |                | FDP on Data Science   |                  | AICTE                                     | 02.09.2024 to 02.10.2024    |  |
|       |                | National level online<br>workshop on Basic<br>Research Essentials             | 2 Days           | Center for Data Analytics and<br>Research | 06.09.2024 & 07.09.2024     |  |
|       |                | Building Web Development Solutions with Cloud Computing                       | 5 Days           | Next Gen Employability<br>Program         | 17-09-2024 to 21-09-2024.   |  |
|       |                | Advanced Technology Program - Cloud Computing Learning                        | 5 Days           | Wipro - TalentNext                        | 21.10.24 to 25.10.24        |  |
| 9     | Mr.Castro S    | Empowering Educators  |                  | KoneruLakshmaiah                          |                             |  |
| 10    | Mr. Nagaraj S  | with AI and ML:<br>Strategies and   | 5 Days           | Education Foundation with IEEE KLHSB      | 08-07-2024 to 12-07-2024    |  |
| 11    | Ms.Shyamala M  | Application   |                  | ILLE KLISD                                |                             |  |



| S.No. | Name of the Faculty Title |  | Duration<br>(Number<br>of days) | Location   | Date                              |                             |
|-------|---------------------------|--|---------------------------------|--|-----------------------------------|-----------------------------|
| 12    | Ms.Ananthi K              | Empowering Educators with AI and ML: Strategies and Application                        | 5 Days                          | KoneruLakshmaiah Education Foundation with IEEE KLHSB              | 08-07-2024 to 12-07-2024          |                             |
|       |                           | Workshop on Research<br>Informatics: A module of<br>Research Methodology               | 1 Day                           | NmaryamAbacha American<br>Universtiy of Nigeria                    | 09.09.2024                        |                             |
|       |                           | Tools for Research in<br>Cloud, Fog and Edge<br>Computing                              | 5 days                          | National Institute of<br>Technical Teachers Training<br>& Research | 21-25 October<br>2024             |                             |
| 13    | Ms.Deepa K                | FDP on Machine<br>Learning and Artificial<br>Intelligence                              | 5 days                          | PimpriChinchwad College of<br>Engineering and Research,<br>Ravet,  | 12.08.2024 to 19.08.2024          |                             |
|       |                           | Workshop on<br>Augmented Reality   | 01 Day                          | Dataint Software<br>Technologies Private Limited                   | 09.10.2024                        |                             |
|       |                           | ATAL FDP on Revolutionizing Agriculture through AI Models, Practices and Interventions | 6 Days                          | M.Kumarasamy College of<br>Engineering, Karur                      | 06.01.2025 to<br>11.01.2025       |                             |
|       | Ms.Arthi A                | FDP on Internet of Things for Emergin Technical Application                            |                                 | 5 Days   | M.P.N M.J Engineering<br>College, | 12-08-2024 to<br>17-08-2024 |
| 14    |                           | Advanced Training Program on Artificial Intelligence & Machine s.Arthi A Learning      |                                 | Wipro Technologies   | 26-08-2024 to 30-08-2024          |                             |
|       |                           | Inculcating Universal Human Values in Technical Education                              | 5 Days                          | AICTE  | 05.08.24 to 09.08.24              |                             |
|       |                           | Advanced Technology Program - Cloud Computing Learning                                 | 5 Days                          | Wipro - TalentNext   | 21.10.24 to 25.10.24              |                             |



| S.No. | Name of the<br>Faculty | Title  | Duration<br>(Number<br>of days) | Location  | Date                        |
|-------|------------------------|--|---------------------------------|---|-----------------------------|
|       |                        | Workshop on Quantum<br>Computing   | 1 Day                           | VIT, India  | 9.9.2024                    |
|       |                        | Empowering Educators with AI and ML: Strategies and Application                        | 5 Days                          | KoneruLakshmaiah Education Foundation with IEEE KLHSB | 08-07-2024 to 12-07-2024    |
|       |                        | Inculcating Universal human values in technical education                              | 6 Days                          | AICTE   | 05.08.2024 to 10.08.2024    |
|       | _                      | ATAL FDP on Revolutionizing Agriculture through AI Models, Practices and Interventions | 6 Days                          | M.Kumarasamy College of Engineering, Karur            | 06.01.2025 to<br>11.01.2025 |
|       |                        | Machine Learning using Python  | 5 Days                          | NITTTR , Chandigarh                                   | 17.02.25 to 21.02.25        |

#### Journals

| S.No. | Faculty<br>Name | Authors                             | Title of the paper | Name of        | Vol. no/<br>Issue no/<br>Year | National/<br>Internation<br>al journal |
|-------|-----------------|-------------------------------------|--------------------|----------------|-------------------------------|--|
| 1.    |                 | Saravanakumar N<br>M Varunsarvesh K |                    | Sciences       |                               | International<br>journal<br>/Scopus    |
| 2.    |                 | N. S. Kavitha N. M. Saravana Kumar  |                    | Protection and | 1 (2024)                      | International<br>journal<br>Scopus     |



|       |                    |   |   |   | 1                             |                                    |
|-------|--------------------|---|---|---|-------------------------------|------------------------------------|
| S.No. | Faculty<br>Name    | Authors   | Title of the paper  | Name of   | Vol. no/<br>Issue no/<br>Year | National/ Internation al journal   |
| 3.    |                    | Jim Mathew Philip<br>N. S. Kavitha<br>N. M. Saravana<br>Kumar<br>D. Surendran | Improved Zone Routing Protocol using Social Spider Optimization for Load Balancing and Routing in MANET   |   | 25, No 7, 1-<br>1 (2024)      | International<br>journal<br>Scopus |
| 4.    |                    | N.M.<br>Saravanakumar<br>G.V. Anjali<br>V. GnanaAsmi<br>K. Flango, J          | A computational study on anticarcinogenic activity of secondary metabolites in Salvia rosmarinusSpenn against skin cancer                         | Annals of<br>Phytomedicine:<br>An<br>International<br>Journal   | 2024                          | International<br>journal<br>WoS    |
| 5.    |                    | J. Martin Sahayaraj<br>K. Gunasekaran   | Energy Efficient clustering and Sink mobility protocol using Dingo and Boosted Beluga Whale Optimization Algorithm for extending lifetime of WSNs | Sustainable computing   |                               | International<br>journal<br>SCI    |
| 6.    |                    | Dhurgadevi M<br>Gunasekaran K<br>KarpagaSelvi S                               | An Efficient cluster head selection in WSNs using transient search optimization algorithm   | Communication   | Volume 38 I                   | International<br>journal<br>SCI    |
| , ,   | Dr.Dhurgadevi<br>M | K Gunasekaran<br>J Raja   | Multimodal biometric recognition using rationalized adaboost and geometric curvelet with human biometric traits                                   | International<br>Journal of<br>Computing and<br>Digital Systems | VOL. 17,                      | International<br>journal<br>Scopus |
| 8.    |                    | S Jeganathan<br>G Kulandaivelu<br>DhurgadeviMuthus<br>amy                     | Trust Aware Routing Protocol Using Hierarchical Manta Ray Foraging Optimization Algorithm With Selfish Node Detection in MANET                    | International<br>Journal of<br>Communication<br>Systems         | Volume38, I<br>ssue5          | International<br>journal<br>SCI    |
| 9.    |                    | N Verma<br>R Arunachalam<br>Dhurgadevi M                                      | An innovative and<br>adaptive deep Markov<br>random field-based<br>retailing prediction<br>framework in big data                                  | Applications  | 270, 25                       | International<br>journal<br>SCI    |



|       | T               | T  | T   | -  | L /   | 77 11 11                           |
|-------|-----------------|--|---|--|---|------------------------------------|
| S.No. | Faculty<br>Name | Authors  | Title of the paper  | Name of<br>Journal   | Vol. no/<br>Issue no/<br>Year               | National/ Internation al journal   |
|       |                 |  | analytics with improved<br>mud ring optimizer   |  |   |                                    |
| 10.   |                 | T. Guhan<br>N. Revathy   | EMLARDE Tree: Ensemble Machine Learning based Random De-Correlated Extra Decision Tree for the Forest Cover Type Prediction | Signal, Image<br>and Video<br>Processing                   | Volume 18,<br>pages<br>8525–8536,<br>(2024) | International<br>journal<br>SCI    |
| 11.   | Dr. Guhan T     | P. Satyanarayana<br>T. Guhan<br>T. Ganesan<br>A Bhagyalakshmi<br>Ashok Kumar<br>Koshariya<br>M. Sabarimuthu<br>Dr.A. Rajaram | Exploring the Impact of<br>Pesticide Resistance in<br>Agricultural Pest<br>Management                                       | Global Nest<br>Journal                                     | 20 (2021)                                   | International<br>journal<br>SCI    |
| 12.   |                 |  | Stress Detection using<br>CNN Algorithm   | Grenze International Journal of Engineering and Technology | Issue                                       | International<br>journal<br>Scopus |
| 13.   |                 | all.   | Chronic Illness Detection<br>using Gradient Boosting<br>Algorithm   | Grenze International Journal of Engineering and Technology | Jan Issue                                   | International<br>journal<br>Scopus |
| 14.   |                 | B.P.Sreeja<br>GopikrishnaSundar<br>am<br>Marco Rivera  | Enhanced Localization in Wireless sensor networks using a Bat-Optimized malicious Anchor /node prediction algorithm'        |  |   | International<br>journal<br>SCI    |
| 15.   | Dr.Sreeja B P   | GopikrishnanSunda<br>ram<br>Marco Rivera   | Reinforcement Q-<br>Learning-Based Adaptive   | Selisors   |   | International<br>journal<br>SCI    |



|       |                 |   |   |   | Vol. no/          | National/                          |
|-------|-----------------|---|---|---|-------------------|------------------------------------|
| S.No. | Faculty<br>Name | Authors   | Title of the paper  | Name of                                 | Issue no/<br>Year | Internation al journal             |
|       |                 | Guzmán  |   |   |                   |                                    |
| 16.   | R.Vikkram       | AnandRajasekaran,<br>Rajesh Natarajan<br>Shankar R<br>Sowmya V L<br>R Vikkram<br>Subash Chandra<br>Bose S | Image Classification with<br>Hypertensive Angle<br>Disease Detection with<br>Geometric Local<br>Derivative Pre-Processing | s on Applied<br>Nonlinear<br>Analysis   | 2 (2025)          | International<br>journal<br>Scopus |
| 17.   | Dr.Castro S     | Mishmala Sushith1□, Ajanthaa Lakkshmanan2, M. Saravanan3 & S. Castro4                                     | Attention dual transformer with adaptive temporal convolutional for diabetic retinopathy detection                        | Scientific<br>Reports                   | 15.7694           | International<br>journal<br>SCI    |
| 18.   |                 | JothiPrakash<br>Arul Antran Vijay<br>Gopikrishnan Sund  | A comprehensive<br>learning based swarm<br>optimization approach<br>for feature selection in<br>gene expression data      | Heliyon -<br>Elsevier                   | 17, 15            | International<br>journal<br>SCI    |
| 19.   | Dr.JothiPrakas  | JothiPrakash V<br>Arul Antran Vijay S.  | A novel socio-pragmatic<br>framework for sentiment<br>analysis in Dravidian–<br>English code-switched<br>texts            | - Elsevier                              | Volume<br>300, 27 | International<br>journal<br>SCI    |
| 20.   | h V             | S. Arul Antran Vijay  | A novel arctic fox<br>survival strategy inspired<br>optimization algorithm  | Combinatorial                           | her 1             | International<br>journal<br>SCI    |
| 21.   |                 | JothiPrakash V.<br>Arul Antran Vijay S.   | A Unified Framework for<br>Analyzing Textual<br>Context and Intent in<br>Social Media                                     | Combinatorial                           | Issue 6           | International<br>journal<br>SCI    |
| 22.   |                 | V. JothiPrakash<br>S. Arul Antran<br>Vijay  | An Integrated framework<br>for emotion and<br>sentiment analysis in<br>Tamil and Malayalam<br>visual Content              | Language<br>Resources and<br>Evaluation |                   | International<br>journal<br>SCI    |



|       |                 |   |   |  | 8                             |  |
|-------|-----------------|---|---|--|-------------------------------|--|
| S.No. | Faculty<br>Name | Authors   | Title of the paper  | Name of  | Vol. no/<br>Issue no/<br>Year | National/<br>Internation<br>al journal |
| 23.   |                 | JothiPrakash V.<br>Arul Antran Vijay S  | A Multiaspect framework<br>for explainable sentiment<br>analysis  |  |                               | International<br>journal<br>SCI        |
| 24.   |                 | JothiPrakash V.<br>Arul Antran Vijay<br>S.<br>Ganesh Kumar P.<br>Karthikeyan N.K.                               | A novel attention-based<br>cross-modal transfer<br>learning framework for<br>predicting cardiovascular<br>disease | Computers in<br>Biology and<br>Medicine                                | 107977                        | International<br>journal<br>SCI        |
| 25.   |                 | JothiPrakash V.<br>Arul Antran Vijay S.   | A Comprehensive Approach to Bias Mitigation for Sentiment Analysis of Social Media Data                           | MDPI - Applied<br>Sensors  | 11471                         | International<br>journal<br>SCI        |
| 26.   | Ms.Suganya A    | Kalaivani K<br>Suganya<br>Pradheeba<br>PRanjeethapriya<br>KJeevanantham G<br>Sowntharya C                       | An Improved Mixed Convolutional and Adaptiv Residual Network Based Esophageal Cancer Detection and Classification | Grenze<br>International<br>Journal of<br>Engineering and<br>Technology | Issue/140                     | International<br>journal<br>Scopus     |
| 27.   | Ms.A.Arthi      | B.Dhanalakshmi K. Rejini Viswanath Arthi A .R .Rajkumar S.Mekala .L. PanneerDhas Dr.SVinodhkumar Dr. V. Subedha | Soil Health Intelligence System using Multispectral Imaging and Advanced Deep Learning Techniques (SHIDS-ADLT)    | Nonlinear  | Vol 31 No.                    | International<br>journal<br>Scopus     |
| 28.   | Ms.K.Ananthi    | R. Menaha<br>K. Ananthi   | Reviewing the effectiveness of lexicon based techniques for sentiment analysis in massive open online courses     | International<br>Journal of Data<br>Science and<br>Analytics           | 2024                          | International<br>journal<br>WoS/Scopus |
| 29.   | Ms.K.Ananthi    | B. Paulchamy<br>VairaprakashSelvar<br>aj<br>N.M. Indumathi<br>K. Ananthi<br>V.V. Teresa                         | Integrating Sentiment Analysis with Learning Analytics for Improved Student                                       | Journal of Scientific Development                                      | pp. 1575-                     | International<br>journal<br>Scopus     |

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**Faculty Publications** 

#### Conference

| S.N<br>o. | Name of the<br>Faculty | Title of the paper   | National/Internatio<br>nal<br>Conference   | Location   | Date                          |
|-----------|------------------------|--|--|--|-------------------------------|
|           |                        | Enhancing block<br>chain scalability<br>solutions and future<br>directions                                   | International Conference on Data Engineering and Communication Technology                | Asia Pacific University of Technology &Innovation,Malays ia  | 28.09.2024<br>29.09.2024      |
|           |                        | A retrospective<br>survey on the recent<br>trends in brain<br>tumors and their<br>detection<br>methodologies | IEEE International Conference on Intelligent Data Communication and Internet of Things,  | Reva University<br>Bengaluru                                 | 05.02.2025<br>-<br>07.02.2025 |
| 1         | Dr.SaravanaKum<br>N.M  | Lane detection to prevent accident   | International conference on Innovation in Computing and Communications                   | Velammal College<br>ofEngg. & Tech.<br>Madurai               | 04.03.2025<br>-<br>05.03.2025 |
|           |                        | Electronic Health<br>Record using Secure<br>Hash Algorithm<br>(SHA-256)                                      | International Conference on Innovation in Computing and Communication'25                 | Velammal College<br>of Engineering and<br>Technology,Madurai | 04.03.2025<br>-<br>05.03.2025 |
|           |                        | Deep learning based<br>bharatanatyam<br>mudra recognition<br>using LSTM and<br>GRU Architectures             | International conference on computational intelligence, security and systems - ICCISS'25 | Sona college of<br>Technology, Salem,<br>Tamilnadu           | 04.04.2025                    |
| 2         | Dr.Dhurgadevi<br>M     | Radar Powered read<br>markings for vehicle<br>lane identification<br>axe used by traffic                     | International conference<br>on Additive<br>manufacturing<br>technologies                 | MahendraInstitute<br>ofTechnology<br>Namakkal                | 17.10.2024<br>&<br>18.10.2024 |



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| S.N  | Name of the | Title of the   | National/Internatio   |   |                               |
| 0.   |             |  | nal   | Location  | Date                          |
|      | Faculty     | paper  | Conference  |   |                               |
|      |             | control devices  |   |   |                               |
|      |             | Improving COOT<br>bird optimization for<br>efficient grouping<br>and path finding in<br>WSN assisted by<br>IoT                               | International conference or research advancements an Innovations in sustainable engineering     | Dr.N.G.P. Institute of Technology                                 | 06.03.2025<br>&07.03.20<br>25 |
|      |             | Prediction and Analysis of Lymphoma Cancer using Optimized Algorithms AI Powered augmented reality diagnosis of various medicinal plants     | International conference on Innovation in Computing and Communications                          | Velammal College<br>ofEngg. & Tech.<br>Madurai                    | 04.03.2025<br>-<br>05.03.2025 |
|      |             | Path and Cost based<br>GNN model for Social<br>media network fraud<br>detection<br>Image Stitching model<br>based on Homograph<br>Estimation | Conference on<br>Contemporary   | Prince ShriVenkateshwaraP admavathy Engineering College, Chennai  | 22.03.2025<br>-<br>23.03.2025 |
|      |             | Early detection of<br>Parkinson disease<br>using machine<br>learning and LSTM  | 13th International Conference on Contemporary Engineering and Technology 2025                   | Prince ShriVenkateshwaraP admavathy Engineering College, Chennai, | 22.03.2025                    |
| 3    | Dr. Guhan T | Urinary Bladder Cancer Detection Using U-NET And SVM Algorithm   | Hinweis Third International Conference on MLIP- 2025  | Hinweis&<br>Hyderabad   | 27.02.2025                    |
|      |             | Classification of Knee Osteoarthritis Using R-CNN Algorithm  | International Conference on Multi- Agent Systems for Collaborative Intelligence (ICMSCI — 2025) | Suriya College of<br>Engineering, Erode                           | 20.01.2025                    |



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| S.N | Name of the           | Title of the   | National/Internatio   |   | _                             |
| 0.  | Faculty               | paper  | nal   | Location  | Date                          |
|     | ractity               | paper  | Conference  |   |                               |
|     |                       | Enabling Secure and Effective Deduplicationin Multi Clouds   | 7th International Conference on Devices, Circuits and SystemsKarunyaInstitu te of Technology and Sciences | KarunyaInstitute of<br>Science and<br>Technology,Coimbator<br>e                                   | 05.12.2024<br>&<br>06.12.2024 |
| 4   | Dr Sraaja B D         | Smart -Agro AI Powered Plant Disease and soil health optmization for sutainable farming                            | 13th International<br>Conference on<br>Contemporary<br>Engineering and<br>Technology 2025                 | Prince<br>ShriVenkateshwaraPad<br>mavathy Engineering<br>College, Chennai                         | 22.03.2025                    |
| 4   | Dr.Sreeja B.P         | Decoding<br>emotions: Analyzing<br>sentiment un Twitter<br>Conversations   | Recent Trends in<br>Machine Learning and<br>Image Processing  | Hinweis Third<br>International<br>Conference  | 27.02.2025                    |
|     |                       | A Multimodal Recommendation System For E- Commerce Fashion Using Computer Vision And Machine Learning Technologies | 13th International<br>Conference on<br>Contemporary<br>Engineering and<br>Technology 2025                 | . Prince<br>ShriVenkateshwaraPad<br>mavathy Engineering<br>College, Chennai                       | 22.03.2025                    |
|     |                       | A Deep Learning Framework for Paddy and Maize Leaf Disease Detection   | Lecture Notes in<br>Networks and Systems<br>Volume 856 LNNS   | -   |                               |
| 5   | Dr.JothiPrakas<br>h V | A Transformer-<br>Based Framework<br>for Enhanced Brain<br>Tumor<br>Segmentation                                   | 3d International<br>Conference on Power<br>Engineering and<br>Intelligent Systems                         | National Institute of<br>Technology<br>(NIT)Uttarakhand,<br>India                                 | 9/3/2025                      |
|     |                       | A Cross-Lingual and Culturally Adaptive Framework for Bilingual Image Captioning in Low- Resource Languages        | 3 rdInternational<br>Conference on Power<br>Engineering and<br>Intelligent Systems<br>(PEIS 2025)         | National Institute of<br>Technology<br>(NIT),PauriGarhwal,<br>Uttarakhand, India<br>(Hybrid mode) | 9/3/2025                      |



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| S.N<br>o. | Name of the<br>Faculty | Title of the paper   | National/Internatio<br>nal<br>Conference  | Location   | Date                          |
|           |                        | Empowering IoT Devices with Energy Efficient AI and Machine Learning   | 7th International Conference on Circuit Power and Computing Technologies                              | Baselios Mathew II College of Engineering, Kerala                            | 08.08.24 &<br>09.08.24        |
|           |                        | Innovative System for Environmental Monitoring with Connected Sensors and Data Analysis for chemical Pollutants      | International Conference on Intelligent Systems and Advanced Applications                             | Pune, India  | 19.09.2024                    |
|           |                        | An Improved Mixed Convolutional and Adaptive Residual Network Based Esophageal Cancer Detection and Classification   | 15th International Conference on Advances in Computing, Control, Telecommunication Technologies, 2024 | Hyderabad,<br>India  | June 21-<br>22, 2024          |
| 6         | Ms.Suganya A           | Customizable component based application assembly with storage algorithm   | International Conference on sustainable communication network and application                         | BharathNiketan<br>Engineering<br>College, Theni                              | 11.12.2024                    |
|           |                        | Hybrid Cloud Mangement Optimization through Reinforcement Learning and Deep Deterministic Policy Gradient Algorithms | HinweisInternational Conference on Recent Trends in Machine Learning and Image Processing MLIP-2025   | Hinweis Research -<br>Online   | 223.02.202<br>5               |
|           |                        | IoT Based Chemical Detection System for Evaluating Edibility and Ensuring food safety in Fruits and Vegetables       | 13th International Conference on Contemporary Engineering and Technology                              | Prince<br>ShriVenkateswaraPa<br>dmavathy<br>Engineering College<br>, Chennai | 22.03.2025<br>-<br>23.03.2025 |



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| S.N | Name of the       | Title of the   | National/Internatio  | T and an  | D-4-                          |
| 0.  | Faculty           | paper  | nal  | Location  | Date                          |
|     | racuity           | paper  | Conference   |   |                               |
|     |                   | A hybrid IOT-Based smart garbage management: Optimization of waste collection system using Genetic algorithm and particle swarm optimization   | International conference on innovation in computing and communication (icicc'25) | Velammal college of<br>engineering and<br>technology -Madurai | 04.03.2025                    |
| 7   | Mr.Vikkram R      | Eco - Bot: Autonomous agricultural data collection robot   | International Conference<br>on Contemporary<br>Engineering and<br>Technology     | ShriVenkateshwara<br>engineering<br>college, Chennai.         | 22.03.2025                    |
|     |                   | Fault Detection System using Machine Learning InIoT based Automobile Industries  | International Conference<br>on Computing and Data<br>Analytics                   | University of<br>Technology and<br>applied sciences-<br>Oman  | 12.11.2024                    |
|     |                   | Analyzing Cough Sounds for Detecting COVID- 19 Using Deep Learning   | International Conference on Artificial Intelligence and its Application          | -   | 23.10.2024<br>&<br>24.10.2024 |
| 8   | Mr.Jegathesh<br>P | Enhancing the accuracy of demand forecasts by incorporating twitter sentiment analysis into existing inventory in North American retail stores management algorithms for smartphones | AIP Conf. Proc. 3279,<br>020066 (2025)   | AIP Conf. Proc. 3279, 020066 (2025)                           |                               |



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| S.N  | Name of the           | Title of the   | National/Internatio  |  |                               |
| 0.   | Fogulty               |  | nal  | Location   | Date                          |
|      | Faculty               | paper  | Conference   |  |                               |
|      |                       | Hybrid Deep<br>Learning-Based<br>Summarization of<br>Social Media<br>Content using NLP<br>Techniques                                     | 2nd International Conference on Computing and Machine Learning (CML 2025) organized by Sikkim Manipal University India | Sikkim manipal<br>university, online   | 23.03.2025                    |
|      |                       | Dynamic Key Management with Intelligent Routing For Secure Communication using Hybrid Optimization Techniques                            | 3rd International Conference on Optimization Techniques in the Field of Engineering,                                   | KSR College of<br>Engineering,<br>Namakkal                                   | 23.10.2024<br>&<br>24.10.2024 |
| 9    | Mr.Varatharaja<br>n N | ChurnNet - Customer Churn Prediction in the Telecommunication Industry   | 13th International Conference on Contemporary Engineering and Technology   | Prince<br>ShriVenkateswaraPa<br>dmavathy<br>Engineering College<br>, Chennai | 22.03.2025                    |
|      |                       | Advanced Air<br>QualityPrediction<br>Using Hybrid Deep<br>Learning<br>Techniques   | 13th International Conference on Contemporary Engineering and Technology   | Prince<br>ShriVenkateswaraPa<br>dmavathy<br>Engineering College<br>, Chennai | 22.03.2025<br>-<br>23.03.2025 |
| 10   | Mr.Castro S           | Rf-TSVM: Random<br>forest –based<br>transductive support<br>vector machine for<br>classification and<br>prediction of cancer<br>patterns | Lecture Notes in<br>Electrical Engineering<br>Springer   | -  |                               |
|      |                       | Inventory management strategies for supermarkets using Machine Learning  | International conference on Innovation in Computing and Communications   | Velammal College<br>ofEngg. & Tech.<br>Madurai                               | 04.03.2025<br>-<br>05.03.2025 |



|           | 1                      |   |   | (Autonomous)   | ı                             |
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| S.N<br>o. | Name of the<br>Faculty | Title of the paper  | National/Internatio<br>nal<br>Conference  | Location   | Date                          |
|           |                        | Predictive crime Analytics Integrating Big Data with Generative AI  | Information Systems<br>and Management<br>Science (ISMS)   | National Institute of<br>Technology (NIT),<br>Kurukshetra,<br>Haryana, India | 23.02.2025                    |
|           |                        | A Fuzzy Logic Based (FLB) Hybrid Level of Approach in the Evaluation of Security Impact in Healthcare Type of Web Applications for Secure Information                   | 2024 International Conference on Innovative Sustainable Technologies for Energy, Mechatronics and Smart Systems | VIT University<br>Chennai  | 23.10.2024<br>&<br>24.10.2024 |
| 11        | Ms.Arthi A             | Cross-Platform Multimodal Frogeye Leaf Spot Recognition and Classification: Advancing with Cutting edge CNN Technologies and transfer Learning in Diverse Plant Species | 2024 International<br>Conference on Circuit<br>Power and Computing<br>Technologies                              | Baselios Mathew II<br>College of<br>Engineering, Kerala                      | 08.08.24 &<br>09.08.24        |
|           |                        | Fuzzy-Based Hybrid Approach for Security Impact Evaluation inHealthcare Web Application   | 2024 International Conference on Advances in Computing, Communication and Applied Informatics                   | VIT University<br>Chennai  | 23.10.2024<br>&<br>24.10.2024 |
|           |                        | Smart Cradle Baby<br>Care Monitoring<br>System Using IOT  | 13th International Conference on Contemporary Engineering and Technology  | Prince ShriVenkateswaraPa dmavathy Engineering College , Chennai             | 22.03.2025<br>-<br>23.03.2025 |
|           |                        | Analysis of Alopecia Areata using Machine Learning  | 13th International Conference on Contemporary Engineering and Technology (ICCET                                 | Prince ShriVenkateshwaraP admavathy Engineering College & Chennai            | 22.03.2025                    |



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| S.N | Name of the  | Title of the  | National/Internatio   |  |                               |
| 0.  | Fooulty      | nanan   | nal   | Location   | Date                          |
|     | Faculty      | paper   | Conference  |  |                               |
|     |              |   | 2025)   |  |                               |
| 12  | Mr.S.Nagaraj | Blockchaininhealthc<br>are:A Decentralized<br>Platform for Secure<br>Electronic Health<br>Records                   | International conference on information systems and management science                | National Institute of<br>Technology<br>Kurukshetra,India                     | 23.02.2025                    |
| 12  |              | Automated Detection of Cardiac Arrhythmia using Deep Learning   | 3rd International Conference on Power Engineering and Intelligent Systems             | National Institute of<br>Technology &<br>Srinagar,<br>Uttarakhand, India     | 09.03.2025                    |
| 13  | Ms. Deepa k  | Adaptive Music Streaming: Combining CNN Facial Analysis With Snowflake Based Music Categorization                   | Fourth International Conference on Sentiment Analysis and Deep Learning (ICSADL-2025) | Far Western<br>University & Nepal  | 18.02.2025                    |
| 13  | Wis. Deepa к | Student Engagement Prediction in Online Classes Through Analysis of Behavior Using Ear Technique And Lbph Algorithm | 13th International Conference on Contemporary Engineering and Technology              | Prince<br>ShriVenkateswaraPa<br>dmavathy<br>Engineering College<br>, Chennai | 22.03.2025                    |
| 14  | Ms.KAnanthi  | Enhanced Diabetes Prediction Using Ensemble Learning With Gender And Age Analysis                                   | 13th International Conference on Contemporary Engineering and Technology              | Prince ShriVenkateswaraPa dmavathy Engineering College , Chennai             | 22.03.2025                    |
|     | Ms.M.Shyama  | Automated Resume<br>Evaluations Using<br>Distilbert   | International conference on Innovation in Computing and Communications                | Velammal College<br>ofEngg. & Tech.<br>Madurai                               | 04.03.2025<br>-<br>05.03.2025 |
| 15  | la           | Enhancing Diagnostic Precision in CT Scan Image Analysis Through the Integration of Ai-Powered Swin                 | Cognitive Computing<br>and Intelligent<br>Communication<br>Systems                    | MahendraInstitute<br>ofTechnology,Nama<br>kkal                               | 04.04.2025                    |

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| S.N<br>o. | Name of the<br>Faculty | Title of the paper | National/Internatio<br>nal<br>Conference | Location | Date |
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|           |                        | Transformer        |  |          |      |
|           |                        | Techniques         |  |          |      |

**STUDENTS CORNER** 

#### **Students Awards**

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| S.<br>No. | Roll<br>Number | Name of<br>Student | Name of<br>the<br>Award/<br>Medal   | Type of<br>Event                   | Name of<br>the<br>Event | Date of the<br>Event                               | College /<br>Venue of the<br>Event |
|-----------|----------------|--------------------|-------------------------------------|------------------------------------|-------------------------|--|------------------------------------|
| 1.        | 717822F225     | KISHORE M          | 24-hour<br>hackathon<br>- DEFY'25   | 12.01.20<br>25 &<br>13.01.20<br>25 | FIRST<br>PLACE          | Vellore Institute Of Technology, Chennai.          | 717822F225                         |
| 2.        | 717822F232     | MUKESH R           | 24-hour<br>hackathon<br>- DEFY'25   | 12.01.20<br>25 &<br>13.01.20<br>25 | FIRST<br>PLACE          | Vellore<br>Institute Of<br>Technology,<br>Chennai. | 717822F232                         |
| 3.        | 717822F235     | NARMITHA<br>V      | Group Dance - Jamboree' 25          | 25.01.20<br>25                     | SECON<br>D<br>PLACE     | Kathir College Of Engineering, Coimbatore          | 717822F235                         |
| 4.        | 717822F203     | ANUSHINI A         | Group<br>Dance -<br>Jamboree'<br>25 | 25.01.20<br>25                     | SECON<br>D<br>PLACE     | Kathir College Of Engineering, Coimbatore          | 717822F203                         |
| 5.        | 717822F225     | KISHORE M          | Adzap -<br>Jamboree'                | 25.01.20<br>25                     | FIRST<br>PLACE          | Kathir College<br>Of<br>Engineering,               | 717822F225                         |



| S.<br>No. | Roll<br>Number | Name of<br>Student | Name of<br>the<br>Award/<br>Medal | Type of<br>Event | Name of<br>the<br>Event | Date of the<br>Event                               | College /<br>Venue of the<br>Event |
|-----------|----------------|--------------------|-----------------------------------|------------------|-------------------------|--|------------------------------------|
|           |                |                    | 25                                |                  |                         | Coimbatore   |                                    |
| 6.        | 717822F214     | DHANUSH M          | Face Painting - Jamboree' 25      | 25.01.20<br>25   | SECON<br>D<br>PLACE     | Kathir College<br>Of<br>Engineering,<br>Coimbatore | 717822F214                         |
| 7.        | 717822F213     | DHANUSHK<br>UMAR P | Face Painting - Jamboree' 25      | 25.01.20<br>25   | THIRD<br>PLACE          | Kathir College<br>Of<br>Engineering,<br>Coimbatore | 717822F213                         |
| 8.        | 717823F603     | RAJAVENI E         | GOAL<br>SHOT<br>BALL<br>GAME      | 29.03.20<br>25   | FIRST                   | SRM Institute Of Science And Technology, Trichy.   | 717823F603                         |

# Students Participation

| S.<br>No. | Roll<br>Number | Name of student  | Name of<br>the<br>award/<br>medal | Type of event             | Name of the event                                       | Date of<br>the<br>Event            | College/<br>Venue of the<br>Event           |
|-----------|----------------|------------------|-----------------------------------|---------------------------|---|------------------------------------|---|
| 9.        | 717823F505     | MANIKAND<br>AN L | Participat<br>ion                 | Zonal Level<br>Tournament | Ball Badmiton - Men SNS Alumni Trophy, Saravanampat ti. | 31.01.202<br>5 &<br>02.02.202<br>5 | SNS College of<br>Technology,<br>Coimbatore |
| 10.       | 717823F603     | RAJAVENI E       | Participat<br>ion                 | Zonal Level<br>Tournament | Ball Badmiton - Men SNS Alumni Trophy, Saravanampat     | 31.01.202<br>5 &<br>02.02.202<br>5 | SNS College of<br>Technology,<br>Coimbatore |



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|     |            |                   |                   |                               | u.                                |                           |   |
| 11. | 717822F222 | IMRAN N           | Participat ion    | State Level<br>Cultural       | Adzap -<br>Jamboree'25            | 25.01.20<br>25            | KATHIR<br>COLLEGE OF<br>ENGINEERING,<br>COIMBATORE      |
| 12. | 717822F253 | SIRANJEE<br>VI P  | Participat<br>ion | State Level<br>Cultural       | Adzap -<br>Jamboree'25            | 25.01.20<br>25            | KATHIR<br>COLLEGE OF<br>ENGINEERING,<br>COIMBATORE      |
| 13. | 717822F239 | POOVARA<br>SAN S  | Participat ion    | State Level<br>Cultural       | Solo Singing<br>-<br>Jamboree'25  | 25.01.20<br>25            | KATHIR<br>COLLEGE OF<br>ENGINEERING,<br>COIMBATORE      |
| 14. | 717822F212 | DEEPAKKU<br>MAR V | Participat ion    | State Level<br>Cultural       | Reels -<br>Jamboree'25            | 25.01.20<br>25            | KATHIR<br>COLLEGE OF<br>ENGINEERING,<br>COIMBATORE      |
| 15. | 717822F201 | AKSHAYA<br>S T    | Participat ion    | State Level<br>Cultural       | Face<br>Painting -<br>Jamboree'25 | 25.01.20<br>25            | KATHIR<br>COLLEGE OF<br>ENGINEERING,<br>COIMBATORE      |
| 16. | 717823F234 | MADHAN P          | Participat<br>ion | Symposiu<br>m                 | Paper<br>Presentation             | 28.02.25                  | KPR Institute of Engineering and Technology, Coimbatore |
| 17. | 717823F603 | RAJAVENI<br>E     | Participat<br>ion | State Level<br>Tournamen<br>t | BALL<br>Badmiton<br>(Women)       | 02.02.25                  | SNS College of<br>Technology,<br>Coimbatore             |
| 18. | 717823F130 | MAGARSRI<br>T     | Participat<br>ion | State Level<br>Tournamen<br>t | Throwball(W<br>omen)              | 14.02.25<br>&<br>15.02.25 | Sri Eshwar<br>College of<br>Engineering,<br>Coimbatore  |
| 19. | 717823F155 | THUHISHA<br>S     | Participat<br>ion | State Level<br>Tournamen<br>t | Throwball(W<br>omen)              | 14.02.25<br>&<br>15.02.25 | Sri Eshwar<br>College of<br>Engineering,<br>Coimbatore  |



| 20. | 717823F603 | RAJAVENI<br>E       | Participat<br>ion | State Level<br>Tournamen<br>t | Throwball(W<br>omen) | 14.02.25<br>&<br>15.02.25          | Sri Eshwar<br>College of<br>Engineering,<br>Coimbatore                         |
|-----|------------|---------------------|-------------------|-------------------------------|----------------------|------------------------------------|--|
| 21. | 717822F240 | RAGAVAN<br>R V      | Participat<br>ion | State Level<br>Tournamen<br>t | VOLLEYBAL<br>L (MEN) | 14.02.25<br>&<br>15.02.25          | Sri Eshwar<br>College of<br>Engineering,<br>Coimbatore                         |
| 22. | 717822F223 | KAVIBHAR<br>ATHAN K | Participat<br>ion | State Level<br>Tournamen<br>t | Chess (Men)          | 14.02.25<br>&<br>15.02.25          | Sri Eshwar<br>College of<br>Engineering,<br>Coimbatore                         |
| 23. | 717822F119 | HARISH M            | Participat<br>ion | State Level<br>Tournamen<br>t | Chess (Men)          | 14.02.25<br>&<br>15.02.25          | Sri Eshwar<br>College of<br>Engineering,<br>Coimbatore                         |
| 24. | 717822F126 | LINGESH K           | Participat<br>ion | State Level<br>Tournamen<br>t | Chess (Men)          | 14.02.25<br>&15.02.2<br>5          | Sri Eshwar<br>College of<br>Engineering,<br>Coimbatore                         |
| 25. | 717821F247 | SANJAY              | Participat<br>ion | State Level<br>Tournamen<br>t | Chess (Men)          | 14.02.25<br>&<br>15.02.25          | Sri Eshwar<br>College of<br>Engineering,<br>Coimbatore                         |
| 26. | 717821F255 | SUDHARS<br>HAN      | Participat<br>ion | State Level<br>Tournamen<br>t | Chess (Men)          | 14.02.25<br>&<br>15.02.25          | Sri Eshwar<br>College of<br>Engineering,<br>Coimbatore                         |
| 27. | 717822F207 | ASHWATH<br>S        | Participat<br>ion | Hackathon                     | HACK-<br>FORGE       | 21.03.20<br>25 &<br>22.03.20<br>25 | Sri Shakthi<br>Institute of<br>Engineering<br>and<br>Technology,<br>Coimbatore |
| 28. | 717822F208 | ATHITHYA<br>N V     | Participat<br>ion | Hackathon                     | HACK-<br>FORGE       | 21.03.20<br>25 &<br>22.03.20       | Sri Shakthi<br>Institute of<br>Engineering                                     |



|     |            |                          |                   |           |                | 25                                 | and<br>Technology,<br>Coimbatore   |
|-----|------------|--------------------------|-------------------|-----------|----------------|------------------------------------|--|
| 29. | 717822F209 | BHARATH<br>L A           | Participat<br>ion | Hackathon | HACK-<br>FORGE | 21.03.20<br>25 &<br>22.03.20<br>25 | Sri Shakthi<br>Institute of<br>Engineering<br>and<br>Technology,<br>Coimbatore |
| 30. | 717822F210 | M.CHANDR<br>U            | Participat<br>ion | Hackathon | HACK-<br>FORGE | 21.03.20<br>25 &<br>22.03.20<br>25 | Sri Shakthi<br>Institute of<br>Engineering<br>and<br>Technology,<br>Coimbatore |
| 31. | 717822F216 | DRAVID S                 | Participat<br>ion | Hackathon | HACK-<br>FORGE | 21.03.20<br>25 &<br>22.03.20<br>25 | Sri Shakthi Institute of Engineering and Technology, Coimbatore                |
| 32. | 717822F235 | NARMITHA<br>V            | Participat<br>ion | Hackathon | HACK-<br>FORGE | 21.03.20<br>25 &<br>22.03.20<br>25 | Sri Shakthi<br>Institute of<br>Engineering<br>and<br>Technology,<br>Coimbatore |
| 33. | 717822F250 | SHEETALD<br>HARSHAN<br>A | Participat<br>ion | Hackathon | HACK-<br>FORGE | 21.03.20<br>25 &<br>22.03.20<br>25 | Sri Shakthi<br>Institute of<br>Engineering<br>and<br>Technology,<br>Coimbatore |













Students Participation - Seminar / Workshop / Symposium / NPTEL / AICTE / MOOC's

NOTES TO A CONTRACT TO A CONTRACT OF THE STATE OF THE STA

| S.No | Roll Number | Name of the<br>Student | Course Name                         | Results obtained          |
|------|-------------|------------------------|-------------------------------------|---------------------------|
| 1.   | 717822f106  | Aruneshwaran           | Introduction To Machine<br>Learning | Successfully<br>Completed |
| 2.   | 717822f114  | Dhanyapriya S          | Introduction To Machine             | Successfully              |



|          |            |                     | Learning                 | Completed      |
|----------|------------|---------------------|--------------------------|----------------|
| 3.       | 717822f123 | Kavitha R           | Introduction To Machine  | Successfully   |
| ა.       | /1/8221123 | Kavitila K          | Learning                 | Completed      |
| 4.       | 717822f129 | Manoj M             | Introduction To Machine  | Successfully   |
| т,       | 1110221129 | Walloj W            | Learning                 | Completed      |
| 5.       | 717822f133 | Muthukumaran S J    | Introduction To Machine  | Successfully   |
| <u> </u> | 7170221100 | Wathakamaran 50     | Learning                 | Completed      |
| 6.       | 717822f139 | Poovesh D C         | Introduction To Machine  | Successfully   |
|          | 1110221103 | Too voon B o        | Learning                 | Completed      |
| 7.       | 717822f148 | Sahana D            | Introduction To Machine  | Successfully   |
|          |            |                     | Learning                 | Completed      |
| 8.       | 717822f158 | Subahsri            | Introduction To Machine  | Successfully   |
| 0.       | 7170221130 | Subalisii           | Learning                 | Completed      |
| 0        | 7170000150 | G-1-11 - 1 G        | Introduction To Machine  | Successfully   |
| 9.       | 717822f159 | Subiksha S          | Learning                 | Completed      |
| 10       | 717900f004 | Anuvarshini S B     | Introduction To Machine  | Successfully   |
| 10.      | 717822f204 | Anuvarsnini S B     | Learning                 | Completed      |
| 11.      | 717900f000 | Dhomath I A         | Introduction To Machine  | Successfully   |
| 11.      | 717822f209 | Bharath L A         | Learning                 | Completed      |
| 12.      | 717822f217 | Girinandhini K S    | Introduction To Machine  | Successfully   |
| 12.      | 1110221211 | Giffiandillii K S   | Learning                 | Completed      |
| 13.      | 717822f218 | Hariharan M         | Introduction To Machine  | Successfully   |
| 13.      | 1110221210 | Hailiaiali M        | Learning                 | Completed      |
| 14.      | 717822f219 | Harini M            | Introduction To Machine  | Elite          |
| 14.      | 1110221219 | Haiiii Wi           | Learning                 | Ente           |
| 15.      | 717822f231 | Mohanvel A          | Data Structure and       | Successfully   |
| 15.      | 7170221251 | Monanver A          | Algorithms Using Java    | Completed      |
| 16.      | 717822f237 | K Naveena           | Data Structure and       | Elite + Silver |
| 10.      | 7170221257 | Kivaveena           | Algorithms Using Java    | Elite   Sliver |
| 17.      | 717822f238 | Nithishkumar S      | Data Structure and       | Elite          |
| 17.      | 7170221230 | Nitilislikulliai 5  | Algorithms Using Java    | Effic          |
| 18.      | 717822f246 | Sakthimeena R       | Introduction To Machine  | Successfully   |
| 10.      | 7170221240 | Sakullilleella K    | Learning                 | Completed      |
| 19.      | 717822f256 | Swapna G            | Introduction To Machine  | Elite          |
| 19.      | 7170221230 | Swapiia G           | Learning                 | Ente           |
| 20.      | 717823f106 | Babisha D           | The Joy of Computing     | Elite          |
| ۷٥.      | 1110431100 | טמטואוומ ט          | Using Python             | Ente           |
| 21.      | 717823f108 | Bharathi Dhasan T   | Social Network Analysis  | Successfully   |
| 41,      | 1110201100 | חומומנוו חוומפמוו ו | Social Network Alialysis | Completed      |
|          |            |                     |                          | Successfully   |
| 22.      | 717823f109 | Chandru R           | Social Network Analysis  | Completed      |
|          |            |                     | /M I CO ::               | •              |
| 23.      | 717823f110 | Dharanidharan D     | The Joy of Computing     | Successfully   |
|          | -          |                     | Using Python             | Completed      |
| 24.      | 717823f112 | Dilip G             | The Joy of Computing     | Successfully   |
|          |            | -                   | Using Python             | Completed      |
| 25.      | 717823f114 | Ganapathyram R      | The Joy of Computing     | Successfully   |



|     |            |                       | Using Python                         | Completed                 |
|-----|------------|-----------------------|--------------------------------------|---------------------------|
| 26. | 717823f115 | Gautamavell<br>Elango | The Joy of Computing<br>Using Python | Elite+ Gold               |
| 27. | 717823f116 | Gokulraj R V          | The Joy of Computing<br>Using Python | Elite+ Silver             |
| 28. | 717823f118 | Harish S              | Social Network Analysis              | Successfully<br>Completed |
| 29. | 717823f119 | Harniya S             | The Joy of Computing<br>Using Python | Elite                     |
| 30. | 717823f121 | Janany J              | The Joy of Computing<br>Using Python | Elite                     |

| S.No | Roll Number | Name of the<br>Student | Course Name                          | Results obtained          |
|------|-------------|------------------------|--------------------------------------|---------------------------|
| 31.  | 717823f125  | Kanis Krishna K A      | Social Network Analysis              | Successfully<br>Completed |
| 32.  | 717823f128  | Logesh Kanna           | Social Network Analysis              | Successfully<br>Completed |
| 33.  | 717823f129  | Madhumitha G           | Social Network Analysis              | Successfully<br>Completed |
| 34.  | 717823f131  | Mahendran S            | The Joy of Computing<br>Using Python | Elite+ Silver             |
| 35.  | 717823f135  | Mukesh M               | The Joy of Computing<br>Using Python | Successfully<br>Completed |
| 36.  | 717823f136  | Mythreyan S K          | The Joy of Computing<br>Using Python | Elite                     |
| 37.  | 717823f137  | Nandhakumar P V        | The Joy of Computing<br>Using Python | Elite+ Silver             |
| 38.  | 717823f140  | Poorvasri K            | Social Network Analysis              | Successfully<br>Completed |
| 39.  | 717823f142  | Prathees S             | The Joy of Computing<br>Using Python | Elite+ Silver             |
| 40.  | 717823f147  | Sachitha N             | The Joy of Computing<br>Using Python | Elite+ Silver             |
| 41.  | 717823f148  | Santhosh A S           | The Joy of Computing<br>Using Python | Elite                     |
| 42.  | 717823f152  | N Sridhar              | Social Network Analysis              | Successfully<br>Completed |
| 43.  | 717823f153  | Srinath B              | The Joy of Computing<br>Using Python | Elite                     |
| 44.  | 717823f157  | Vasu G                 | The Joy of Computing<br>Using Python | Elite+ Silver             |
| 45.  | 717823f158  | Vijith S               | The Joy of Computing<br>Using Python | Elite                     |
| 46.  | 717824f501  | Barath R               | Social Network Analysis              | Successfully<br>Completed |
| 47.  | 717823f160  | Vishnu Neelan L        | The Joy of Computing<br>Using Python | Successfully<br>Completed |



| 48.  | 717823f201  | Aadhithiya S              | The Joy of Computing<br>Using Python        | Successfully<br>Completed |
|------|-------------|---------------------------|---|---------------------------|
| 49.  | 717823f202  | Abdul Wahab S             | The Joy of Computing<br>Using Python        | Elite+ Silver             |
| 50.  | 717823f209  | S Blessy Mol              | The Joy of Computing<br>Using Python        | Successfully<br>Completed |
| 51.  | 717823f211  | Deepan V                  | Social Network Analysis                     | Successfully<br>Completed |
| 52.  | 717823f214  | Dinesh M                  | Data Structure and<br>Algorithms Using Java | Elite+Silver              |
| 53.  | 717823f219  | Hareesh                   | Social Network Analysis                     | Successfully<br>Completed |
| S.No | Roll Number | Name of the<br>Student    | Course Name                                 | Results obtained          |
| 54.  | 717823f220  | Hareesh S                 | The Joy of Computing<br>Using Python        | Elite                     |
| 55.  | 717823f225  | Jeysan V                  | The Joy of Computing<br>Using Python        | Elite+ Silver             |
| 56.  | 717823f228  | Kalaiarasan E             | The Joy of Computing<br>Using Python        | Elite                     |
| 57.  | 717823f230  | Karthika K                | The Joy of Computing<br>Using Python        | Elite                     |
| 58.  | 717823f231  | Kesavardhini C            | The Joy of Computing<br>Using Python        | Elite+ Silver             |
| 59.  | 717823f233  | Leevanth P                | The Joy of Computing<br>Using Python        | Elite                     |
| 60.  | 717823f234  | Madhan P                  | The Joy of Computing<br>Using Python        | Elite                     |
| 61.  | 717823f238  | Mohan Dass B              | Social Network Analysis                     | Successfully<br>Completed |
| 62.  | 717823f241  | Naganatha<br>Sethupathy R | The Joy of Computing<br>Using Python        | Successfully<br>Completed |
| 63.  | 717823f243  | Nivetha S                 | The Joy of Computing<br>Using Python        | Elite                     |
| 64.  | 717823f244  | Prasanna Kumar M          | Social Network Analysis                     | Successfully<br>Completed |
| 65.  | 717823f236  | Manjula S                 | The Joy of Computing<br>Using Python        | Successfully<br>Completed |
| 66.  | 717823f249  | Rithika P                 | The Joy of Computing<br>Using Python        | Elite                     |
| 67.  | 717823f253  | Sinduja S                 | The Joy of Computing<br>Using Python        | Successfully<br>Completed |
| 68.  | 717823f257  | Swathi S                  | The Joy of Computing<br>Using Python        | Elite                     |
| 69.  | 717823f259  | Velmurugan S              | The Joy of Computing<br>Using Python        | Elite+ Silver             |
| 70.  | 717823f260  | Vignesh M                 | Social Network Analysis                     | Successfully<br>Completed |



| 71. | 717823f262 | R Vishnu Varathan | The Joy of Computing<br>Using Python | Elite |
|-----|------------|-------------------|--------------------------------------|-------|
|-----|------------|-------------------|--------------------------------------|-------|

#### **EVENTS ORGANIZED**

| WORKSHOP ORGANIZED         |  |            |  |  |  |  |  |
|----------------------------|--|------------|--|--|--|--|--|
| S1.No                      | Title of the Event   | Date       |  |  |  |  |  |
| 1.                         | Workshop on Unleashing innovation using Gen AI                   | 08-08-2024 |  |  |  |  |  |
| 2.                         | Workshop on IoT  | 27-09-2024 |  |  |  |  |  |
| 3.                         | Workshop on Spring Boot  | 14-09-2024 |  |  |  |  |  |
| 4.                         | Workshop on Data analytics using Statistical tools               | 17-10-2024 |  |  |  |  |  |
| 5.                         | Workshop on Devops   | 26-10-2024 |  |  |  |  |  |
| SEMINARS ORGANIZED         |  |            |  |  |  |  |  |
| 6.                         | Seminar on Higher education and Career Opportunities             | 25-09-2024 |  |  |  |  |  |
| GUEST LECTURES ORGANIZED   |  |            |  |  |  |  |  |
| 7.                         | Guest Lecturein research field                                   | 27-07-2024 |  |  |  |  |  |
| 8.                         | Guest Lecture on IoT and Machine Learning                        | 27-09-2024 |  |  |  |  |  |
| CAREER AWARENESS PROGRAMME |  |            |  |  |  |  |  |
| 9.                         | Career awareness programme for KCEians by KCEians                | 30-07-2024 |  |  |  |  |  |
| 10.                        | Career awareness programme for KCEians by KCEians                | 22-07-2024 |  |  |  |  |  |
| 11.                        | Alumni Interaction on Bridging the past and Future               | 13-09-2024 |  |  |  |  |  |
| 12.                        | Alumni Interaction on various opportunities in digital marketing | 09-03-2024 |  |  |  |  |  |



| S.<br>No. | Roll Number | Name of student   | Name of<br>the<br>award/<br>medal | Type of Event      | Name of the<br>Event  | Date of<br>the<br>Event   | College /<br>Venue of the<br>Event                           |
|-----------|-------------|-------------------|-----------------------------------|--------------------|---|---------------------------|--|
| 1.        | 717823F118  | HARISH. S         | Second<br>Place                   | Taekwondo<br>(Men) | Anna<br>University<br>Inter-Zonal<br>Tournaments<br>2024-2025 | 09-10-24<br>&<br>10-10-24 | Stella Mary's<br>College Of<br>Engineering,<br>Nagarcoil     |
| 2.        | 717823F159  | VINOTH<br>KANNA P | Second<br>Place                   | Badminton          | Anna<br>University<br>Zonal<br>Tournaments<br>2024-2025       | 21-09-24<br>&<br>22-09-24 | Nehru Institute of Engineering and Technology, Coimbatore    |
| 3.        | 717823F603  | RAJAVENI E        | Gold<br>Medal                     | Javelin<br>Throw   | Anna University Zonal Tournaments 2024-2025                   | 18-11-24                  | Hindusthan College of Engineering and Technology, Coimbatore |