

PAAVAI ENGINEERING COLLEGE
(Autonomous)

WEEKLY NEWSLETTER: 02.01.2024 to 06.01.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 06.01.2024 regarding,
 - Faculty class handling monitoring
 - NBA documentation
 - AQAR submission
 - IIT-Bombay courses
 - R & D proposals

Specific:

Webinar Organized

| S.No | Dept | Date | Title of the Event | Guest Speaker Details |
|------|------|----------|---|--|
| 1 | EEE | 05.01.24 | Seminar on “Awareness in Electrical Sector Cyber Security” | Mrs.Archana Manikandan, Entrepreneur & Trainer, Green CAD Technology, Namakkal. |
| 2 | MCT | 03.01.24 | Industry 4.0 & Its Applications | Dr.Francis Luther King Associate Professor Department of Mechanical Swarnandhra College of Engineering & Technology Andhra Pradesh. |
| 3 | CYS | 06.01.24 | Future Technology in IOT & AIML | Er.A.Kesavan CEO/Svasti Technology Pvt Ltd., Trichy |

Webinar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|------|---------------------------|--|---|--|
| 1 | ECE | 05.01.24 & 06.01.24 | Dr.M.Sudha | Foundation Program Level-1 | International Certified Career Coach, Mindler. |
| 2 | CSE | 04.01.24 | Dr.D.Banumathy Dr.A.Jeyamurugan Dr.P.Thiyagarajan V.Maheskumar E.Elancheliyan M.Sivaranjini | Optimisation Techniques – Theory and Examples on TABU search, Simulated Annealing, PSO and ACO, ANFIS | Center for Research & Innovation and IQAC, Paavai Engineering College |

| | | | | | |
|----|--------|----------------------------|---|---|---|
| 3 | EEE | 26.12.23 to 30.12.23 | Mr.V.Kumarakrishnan | FDP on “ The Art of Research and Development” | S.A.Engineering College, Chennai. |
| 4 | | 05.01.24 | Mr.M.Raja | SERB sponsored National seminar on “ Recent trends, Challenges and future perspectives of Sodium-ion batteries for Electric Vehicles” | IFET College of Engineering, Villupuram |
| 5 | BME | 04.12.23 to 09.12.23 | Dr.T.Arunkumar R.Suganya V.Ramya B.Niranjandevi Dr.M.Udhayavani Dr.N.Jayanthi S.Praveena S.Jotheeshwaran S.Gnanasekaran Lekshmi V Nair | Emerging Paradigms In Biomedical Healthcare Applications | Sathyabama Institute of Science And Technology |
| 5 | CYS | 04.01.24 | Loganathan R | Theory and Examples of Tabu Search, Simulated Annealing, PSO and ACO ,ANFIS | Centre for Research & Innovation & IQAC, PEC |
| 7 | CYS | 03.01.24 | J.Velumani | Introduction to Dark web, Anonymity & Crypto currency | EC-Council |
| 8 | Pharma | 26.12.23 to 30.12.23 | M.G.Karthih | SPSS in research | Star International Foundation for Research and Education |
| | | Jul – Dec 2023 | | Cell Culture Technologies | NPTEL |
| | | Jul – Dec 2023 | | Drug delivery: Principles and Engineering | |
| 9 | BT | 26.12.23 to 30.12.24 | Ms.S.Saranyadevi | Online Workshop on: SPSS IN RESEARCH | Star International Foundation for Research and Education, Paavai Engineering College, Namakkal. |
| 10 | | 30.12.23 | | Online Webinar on: Stress Management | Learn to upgrade |
| 11 | | 05.01.24 | Ms.M.Muthu Mani | Online Webinar on: Enzybiotics | Learn to upgrade |

Events /webinar attended by students

| S.No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|------|----------|----------------------|---|--|--------------------------------|
| 1 | ECE | 06.01.24 | IAS Coaching | Paavai IAS Academy | 4 |
| 2 | ECE | 15.12.23 | Optimizing NutSat's Navigation with Advanced Systems, 3D Visualization, CAD/CAM & AI based Cloud Platform | EduCare Taiwan with National Formosa University, Taiwan. | 1 |
| 3 | ECE | 06.01.24 & 07.01.24 | Two days Free Boot Camp on AI/ML | ACE Engineering Academy | 45 |
| 4 | CSE | 05.01.24 & 06.01.24 | Workshop on .NET CONF 2023 WEST TN REGION | Microsoft Learn Student Ambassadors @ Paavai Engineering College | 9 |
| 5 | CSE | 04.01.24 | OPTIMISATION TECHNIQUES – Theory and Examples on TABU search, Simulated Annealing, PSO and ACO, ANFIS | Center for Research & Innovation and IQAC Paavai Engineering College | 15 |
| 6 | CSE | 03.01.24 & 04.01.24 | Google Certification Course on Data Analytics and Cyber Security | NASSCOM Foundation, DEED @ Paavai Engineering college | 58 |
| 7 | Civil | 05.01.24 & 06.01.24 | “Sustainable Development and Infrastructure Resilience to Natural Disasters” | Kongunadu College of Engineering and Technology, Tiruchengode | 6 |
| | | | “Current Scenario and Trends on Green Concrete Technology” | | 4 |
| 8 | All Dept | 04.01.24 | Indo –Canadian Immersion Programmes | Paavai Engineering College ,Namakkal | 200 |
| 9 | CYS | 03.01.24 | Emerging Security Threats & Safety Mitigations | Centre for Cyber Security Studies and Research | 1 |
| 10 | CYS | 05.01.24 to 06.01.24 | .Net conf 2023 west TN Region | Microsoft Learn Student Ambassadors | 1 |

| | | | | | |
|----|-----------|----------|--|--|-----|
| 11 | CYS & IOT | 06.01.24 | Guest Lecture on "Future Technology in IOT & AIML" | CYS & IIC | 150 |
| 12 | EEE | 05.01.24 | Seminar on "Recent trends, Challenges and future perspectives of Sodium-ion batteries for Electric Vehicles" | IFET College of Engineering, Villupuram | 5 |
| 13 | BT | 05.01.24 | Biohackathon (Participated) | Vivekananda College of Engineering for Women, Tiruchengode | 13 |

Conference Attended/Selected by Faculty

| S.No | Dept | Date | Name of the Faculty | Title of Conference | Organized By |
|------|------|---------------------|--|--|--|
| 1 | ECE | 2023 | Dr.S.Vijayakumar | Robust Attack Identification Strategy to Prevent Document Image Forgeries by using Enhanced Learning Methodology | IEEE Xplore |
| 2 | IT | 05.01.24 & 06.01.24 | Navika Chhauha Cloud Engineer at Conflict & Microsoft MVP Mohamed Azarudeen Servicenow Developer at Eviden & AI Azure & Devops Expert S.Vikram Raja Final IT MLSA | Microsoft, MLSA Community and .NET Community, Paavai Engineering College | .NET Conference 2023 West Region Tamilnadu |

Hackathon Event-Novice Coders Attended Details – Students

| S.No | Dept | Date | Title | Organized by | Name of the students | Year |
|------|------|----------|----------------------|------------------------------------|---|------|
| 1 | IT | 03.01.24 | Aquasave Application | Ethiraj College for Women, Chennai | S.Vikram Raja K.Dhivya Priya J.Antony Jeyanelson | IV |

TCS Code vita Round 1 Selected List Details – Students

| S.No | Dept | Date | Rank | Organized by | Name of the students | Year |
|------|------|----------|------|--------------|----------------------|------|
| 1 | IT | 01.01.24 | 2378 | TCS | Eswaran.S | III |

Online Course Attended Details – Students

| S.No | Dept | Date | Title | Organized by | Name of the student | Year |
|------|------|----------|--------------------------|--------------|---------------------|------|
| 1 | IT | 30.12.23 | Android App development | NATIVENA | Parmugilan S | II-B |
| 2 | IT | 30.12.23 | C++ | Scalar | Sanjith M S | II-B |
| 3 | IT | 01.01.24 | Practical GITHub Actions | Linked in | Sanjith M S | II-B |
| 4 | IT | 01.01.24 | Python | Linked in | Sanjith M S | II-B |

Quiz Attended Details – Students

| S.No | Dept | Date | Title | Organized by | Name of the student | Year |
|------|------|----------|-------|--|---------------------|------|
| 1 | IT | 01.01.24 | quiz | Swachh Bharat Mission Grameen Phase II | Sabari | II-B |
| 2 | IT | 01.01.24 | quiz | MYGov and Prasar Bharati | Sabari | II-B |

TQI Activities Details

| S. No. | Department | Date | Title of Programme | Venue | No of students participated | Organized by / Guest Speaker Details |
|--------|------------------------------|----------|--------------------|--|-----------------------------|--------------------------------------|
| 1 | Talent Quest for India (TQI) | 05.01.23 | Summit 1 session | Muthugapatty,Pallayapayalam village panchayat school | 9 | TQI Volunteers |
| 2 | Talent Quest for India | 06.01.23 | Summit 1 session | Alanganantham village panchayat school | 4 | TQI Volunteers |

Good things:

Internship Selected Details Students

| S.No | Dept | Date | Title of Internship/Name of the company | Organized by | Name of the student (or) count |
|------|------|----------------------|---|---|--------------------------------|
| 1 | ECE | 03.01.24 | Applied for Summer Research Fellowship Programme (SRFP) | Jawaharlal Nehru Centre for Advanced Scientific Research. | 3 |
| 2 | ECE | 03.01.24 & 10.01.24 | Internship | TNPL Karur | 2 |
| 3 | ECE | 27.12.23 & 10.01.24 | | Aavin Krishnagiri | 1 |
| 4 | ECE | 27.12.24 & 03.01.24 | | TNPL Karur | 1 |
| 5 | ECE | 25.12.23 & 13.01.24 | | Steel Plant Salem | 5 |
| 6 | ECE | 21.12.23 & 03.01.24 | | Aavin Salem | 3 |
| 7 | ECE | 20.12.23 & 05.01.24 | | NLC India Limited Neyveli | 5 |
| 8 | CSE | 19.12.23 to 15.01.24 | | Wesure Insurtech Service Private Limited. Bangalore | 2 |
| 9 | IT | 26.12.23 to 12.01.24 | Web Development | Infyrec Technologies | 12 |
| 10 | IT | 01.01.24 to 30.01.24 | | Tech Octanet Services Private Limited | 1 |
| 11 | EEE | 18.12.23 to 12.01.24 | Internship | Clip Energy Electric Vehicle Company, Vellore | 3 |
| 12 | | 27.12.23 to 30.01.24 | | Sundaram – Clayton Pvt Ltd, Chennai. | 3 |
| 13 | | 25.12.23 to 08.01.24 | | Tamilnadu Cements Corporation Limited, Ariyalur. | 1 |
| 14 | | 20.12.23 to 12.01.24 | | PVN Power lines, Salem. | 4 |

| | | | | | |
|----|------|----------------------------|--|--|----|
| 15 | | 18.12.23 to 12.01.24 | | ATS Chemical Equipments, Namakkal. C.Kaviyarasu | 3 |
| 16 | | December to February | | NCR Corporation, Chennai. | 1 |
| 17 | BME | 18.12.23 to 02.01.24 | | MM Hospital - Namakkal | 8 |
| 18 | Chem | 02.01.24 to 31.01.24 | | PPG Asian paints, Chennai | 16 |
| 19 | Chem | 02.01.24 to 31.01.24 | | NIT, Trichy | 01 |
| 20 | CYS | 01.12.23 to 31.12.23 | | TECHNOHACKS | 01 |
| 21 | BT | 03.01.24 | | Subject Matter Expert - Biology Internship | 10 |

Prize/Awards/won by faculty members

| S.No | Dept | Date | Name of the Faculty | Title of Award | Given by |
|------|------|-----------------|------------------------|--|----------|
| 1 | ECE | Jul-Dec 2023 | Dr.M.Sudha | Role as Mentor for the NPTEL Online Certification Course “Introduction to Internet of Things”. | NPTEL |
| 2 | ECE | Jul-Dec 2023 | Mr.R.Logarasu | Role as Mentor for the NPTEL Online Certification Course “Ethical Hacking” | NPTEL |

Journals published by faculty members and students

| S.No | Dept | Date | Name of the Faculty | Title | Journal Details |
|------|------|----------|---|--|-----------------|
| 1 | ECE | Dec-2023 | Mr.G.Nandhakumar & Narmadha.M Nithyabharathi.S Sindhuja.R | International Journal of Innovative Research in Technology IJIRT Title: An IoT Based Non Invasive Blood Glucose Monitoring System | ISSN:2349-6002 |

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WEEKLY NEWSLETTER: 18.01.2024 to 20.01.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 20.01.2024 regarding,
 - Reopening of III & IV year yesterday
 - Faculty class handling monitoring
 - NBA documentation
 - MEITY registration
 - R & D proposals

Specific:

Webinar Organized

| S.No | Dept | Date | Title of Program/Webinar | Organized by / Guest Speaker Details |
|------|------|----------|--|---|
| 1 | Aero | 19.01.24 | Inauguration of Five Days Training Program on” Drone Skill Development and Entrepreneurship“ | Mr.A.Vivekananthan, Ex-Airforce-Aircraft & Systems, Academic Relations Officer, Jetaerospace Drone Manufacturing Hub,Kerala. |
| 2 | BT | 19.01.24 | Healthy Lifestyle for Disease free Drug free Survival | Dr.R.R.Thangadurai M.S, Chief Consultant,Co- Founder of Dr.Gold Healthcare.Email Id- health@drgold.in , Mobile number:9080016246 |

Webinar and workshop/FDP attended by faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title of Webinar Workshop/Course | Organized by |
|------|------|----------------------------|----------------------------|---|--|
| 1 | CSE | 18.01.24 | Dr.D.Banumathy | Infosys Campus connect online SPOC meeting | Infosys |
| 2 | CSE | 18.01.24 | Dr.A.Jeyamurugan | Infosys Campus connect online SPOC meeting | Infosys |
| 3 | CSE | 20.01.24 | Dr.D.Banumathy | IIT Madras-South Zone SPOC felicitation workshop | IIT Madras |
| 5 | ECE | 18.12.23 to 22.12.23 | Mrs.C.Vanaja | International Level Virtual Faculty Development Program on Modern Research Convergence in Next Generation Computing | Department of Computer Science and Engineering, Sri Krishna College of Engineering and Technology. |
| 8 | MCT | 15.01.24 to | Dr.D.R.P Rajarathnam | Industry 4.0 & Digitalization | GKCEM-Kolkata |

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|----|--------------|----------------------------|-------------------|---|---|
| | | 19.01.24 | | | |
| 9 | Civil | 15.01.24 to 20.01.24 | Mrs.S.Rajeswari | 5 days STTP on Futuristic Scope in Civil Engineering | Department of Civil Engineering, K.D.K. College of Engineering |
| 13 | CYS | 20.01.24 | Ms.Alarmel Mangai | Virutal Lab in CSE | Third National Level One day Online FDP.Narsimha Reddy Engineering College,secunderabad |
| 14 | CYS | 20.01.24 | Mrs.J.Velumani | Boot camp on Deep Learning | Pantech ELearning |
| 16 | CYS & IOT | 18.01.24 | Mrs.S.Suganya | International Webinar on “Five Elements of human success in any field” | Digisaksham |
| 17 | CYS | 20.01.24 | Rajalakshmi R | AI Webinar on Quantum Computing and ML | TimesPro |

Workshop/seminar/webinar and workshop attended by students

| S.No | Dept | Date | Title of Seminar/Webinar/Work shop/Course | Organized by | Name of the student (or) count |
|------|------|----------------------------|---|---|--------------------------------------|
| 1 | CSE | 18.01.24 | Google Data Analytics | COURSERA | 1 |
| 2 | ECE | 19.01.24 to 24.01.24 | Drone skill Development and Entrepreneurship Training Program | Jet Aerospace at Paavai Engineering College Program Supported by IHFC-Technology Innovation Hub of IIT Delhi(setup by DST- Ministry of Science &Technology, Government of India | 12 |
| 3 | ECE | 24.01.24 | Completed Google Certification Course in Coursera on Cyber Security & Completed Google Certification Course in Coursera on Data Analytics | Sponsored by DXC, NASSCOM, Organized by: Department of CSE & Placement Centre, PEC. | 39 |
| 4 | ECE | 19.01.24 | Participated in the Speech Competition on Wetland and Human Resource | Forestry Extension Center | 1 |
| 5 | ECE | 08.01.24 to 12.01.24 | Five Days Virtual FDP on New Horizons in Artificial Intelligence | Department of Artificial Intelligence and Data Science,Jansons Institute of Technology, Coimbatore. | 1 |

| | | | | | |
|----|-------|----------------------------|---|--|----|
| 6 | EEE | 19.01.24 to 24.01.24 | Drone Skill Development and Entrepreneurship Training Program | Jet Aerospace & Paavai Engineering College. | 17 |
| 7 | Chemi | 18.01.24 to 19.01.24 | II National Workshop on Spectroscopy (NWS 2024) | Department of physics, Sathyabama Institute of Science and Technology, Chennai | 10 |
| 8 | CYS | 18.01.24 | Cyber security Job Simulation –Task Completion | Forage | 1 |
| 9 | Food | 19.01.24 | Speech Competition | Athanoor Forestry Extension Centre | 1 |
| 10 | Food | 19.01.24 to 24.01.24 | Drone Skill Development and Entrepreneurship Training Program | Paavai Engineering College | 3 |
| 11 | Food | 18.01.24 to 19.01.24 | National Workshop on Spectroscopy | Sathyabama Institute of Science and Technology, Chennai | 13 |

Patent published by faculty members and students

| S.No | Dept | Date | Name of the Faculty Member | Title | Patent Number &Details |
|------|------|----------|----------------------------|--|------------------------|
| 1 | FT | 20.01.24 | Ms.V.Thabitha Zelin Rachel | "Algae-derived Biochemicals of Industrial Importance" – by Springer Cham | Submitted |

Internship Details

| S.No. | Dept | Date | Name of the Student | Name of the Company |
|-------|------|----------------------------|--|---|
| 1 | CSE | 19.12.23 to 15.01.24 | R.Sasirekha G.Dharshini | Wesure Insurtech Service Private Limited. Bangalore |
| 2 | CSE | 19.12.23 to 15.01.24 | G.Dharshini | Wesure Insurtech Service Private Limited. Bangalore |
| 3 | IT | 26.12.23 to 12.01.24 | Akash.S Gokulnath.S Muraleedharan.A.S Prabhakaran.A Sabarish.S Santhoshkumar.K Suryaraj.J.G Suvinkumar.N Tharun.S Thennarasu.S Vignesh.S Vinoth.R | Web Development |
| 4 | IT | 01.01.24 to 30.01.24 | Harish.A | Web Development |

| | | | | |
|----|----------|----------------------------|---|---|
| 5 | IT | Jan 2024 to May 2024 | S.Vikram raja | Ninja Leader Position |
| 6 | ECE | 23.01.24 to 23.04.24 | Patan Samdan Basha Mulaka Vishnu Vardhan Reddy Avula Anjaneya Yadav | DRDO Bengaluru |
| 7 | ECE | 18.01.24 to 18.04.24 | Narmadhadevi.A P.Naveen L.Puja Maharana S.Priyanka H.R.Hari Prakash D.Kavinkumar | CASDIC, DRDO Bengaluru |
| 8 | ECE | 09.01.24 to 20.01.24 | Anbarasu.N Eswaran.S Vikram.M Chandru.B | Steel Plant, Salem |
| 10 | ECE | Jan-2024 | Narmadhadevi.A Jagan.V Lalithkumar.R M.Mahalakshmi Dinesh.G R.Arunkumar | Jawaharlal Nehru Centre for Advanced Scientific Research. |
| 12 | ECE | 15.01.24 to 24.01.24 | D.Roshankumar K.Preeven M.Kamalroy T.Parameshwaran V.Vinothkumar P.Santhooshkumar | Tamil Nadu Newsprint and Papers Limited-Karur |
| 13 | ECE | 08.01.24 to 27.01.24 | C.Satheesh Kumar A.Riyasan K.Rajes Kannan | Neyveli Lignite Corporation Limited |
| 15 | MCT | 06.01.24 to 20.01.24 | Subash Kalaivanan | Salem Steel Plant-Salem |
| 18 | Food | 04.01.24 to 18.01.24 | Agathiyan Gobi Rajashimman Nesan Sailesh | SRMS Milk Industries, Namakkal |
| 19 | Food | 08.01.24 to 23.01.24 | Abimanyu Vinod H. Anbuselvam B. Dinesh Suriya G. Arivazhagan R. Venkatesh R. Vizhiyadhavan | Internship Sakthi Sugar Limited, Erode |
| 20 | Food | 18.01.24 to 27.01.24 | V. Seran N. Marimuthu V. Gowri A. Sowndarya | M. K. Krishnamoorthy Sugar Mill Ltd., |
| 21 | Chemical | 02.01.2024 to 31.01.24 | 16 | PPG Asian paints, Chennai |

| | | | | |
|----|----------|-----------------------------|--|---|
| 22 | Chemical | 02.01.24 to 31.01.224 | 01 | NIT, Trichy |
| 24 | Pharma | 12.12.23 to 20.01.24 | P.Vaishnavi | SkyEc Drugs and Pharmaceutical Private limited |
| 25 | BT | Jan 2024- March 2024 | Abinesh D Durgesh A M Gobi M | Genolites Research and Development Laboratory, Coimbatore |
| 26 | BT | Jan 2024- March 2024 | Akilandeswari G Jebashini A Tharunkumar A | Saveetha Institute of Medical and Technical Sciences, Chennai |
| 27 | BT | Jan 2024- March 2024 | Dharnika K Manju Priyadharshini P Sudharsana S. S | Bharathidasan University, Tiruchirappalli |
| 28 | BT | Jan 2024- March 2024 | Kavinaya M Swarnika J Sakthivel J | ICAR-Sugarcane Breeding Institute, Coimbatore. |
| 29 | BT | Jan 2024- March 2024 | Haripriya S Gowthami P Narmatha S Nageshwari M Guna R | Saveetha Institute of Medical and Technical Sciences, Chennai |
| 30 | BT | Jan 2024- March 2024 | Gomathi E Sanjay G Pradeepa S Sangeetha S Surendhiran S Thennavan R | Periyar University, Salem |
| 31 | BT | Jan 2024- March 2024 | Karthikeyan A Mohankumar N Sakthivel V Diksha S | Genolites Research and Development Laboratory, Coimbatore |
| 32 | BT | Jan 2024- March 2024 | Preethi S | Alpha Omega Research Foundation, Salem |

Google Developer Student Club Organized Details-Student

| S.No | Dept | Date | Title | Organized by | Name of the Speaker |
|------|------|----------------------------|---------------------------------------|--------------|----------------------------|
| 1 | IT | 01.01.24 to 01.03.24 | Design,Develop, Deploy Campaign | GDSC -Paavai | S.Vikram Raja GDSC Lead |

Microsoft Learn Student Ambassador Community Organized Details-Student

| S.No | Dept | Date | Title | Organized by | Name of the Speaker |
|------|------|----------------------------|-----------------------------------|---------------------------------------|----------------------------|
| 1 | IT | 20.01.24 to 26.01.24 | Web Application: .NET Cloud | MLSA-Paavai Engineering College | S.Vikram Raja MLSA Lead |

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|--|--|--|--------------------|--|--|
| | | | Skill Challenge | | |
|--|--|--|--------------------|--|--|

Coding Ninjas XPaavai Engineering College Organized Details-Student

| S.No | Dept | Date | Title | Organized by | Name of the Speaker |
|-------------|-------------|----------------------------|------------------------|--|----------------------------|
| 1 | IT | 20.01.24 to 26.01.24 | Tricolour Code Fest | Coding Ninjas- Paavai Engineering College | S.Vikram Raja President |

Online Course Completed Details – Students

| S.No | Dept | Date | Title | Organized by | Name of the student | Year |
|-------------|-------------|-------------|----------------------------|---------------------|----------------------------|-------------|
| 1 | IT | Jan'24 | Google Data Analytics | Coursera | 63 Students | IV |
| 2 | IT | Jan'24 | Java Basics Programming | Great Learning | Navaneethan.K | II-B |

PAAVAI ENGINEERING COLLEGE
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WEEKLY NEWSLETTER: 18.01.2024 to 27.01.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 27.01.2024 regarding,
 - Higher studies & Internship in foreign university
 - Faculty class handling monitoring
 - Placement Training
 - Centre of excellence
 - R & D proposals

Specific:

Webinar Organized

| S.No | Dept | Date | Title of Program/Webinar | Organized by / Guest Speaker Details |
|------|-------|----------------------------|--|---|
| 1 | Aero | 19.01.24 | Inauguration of Five Days Training Program on” Drone Skill Development and Entrepreneurship“ | Mr.A.Vivekananthan, Ex-Airforce-Aircraft & Systems, Academic Relations Officer, Jetaerospace Drone Manufacturing Hub,Kerala. |
| 2 | BT | 19.01.24 | Healthy Lifestyle for Disease free Drug free Survival | Dr.R.R.Thangadurai M.S, Chief Consultant,Co- Founder of Dr.Gold Healthcare.Email Id- health@drgold.in , Mobile number:9080016246 |
| 3 | CSE | 23.01.24 & 24.01.24 | Artificial Intelligence, its aspects & its applications Technical Session (Online) | Infosys Springboard |
| 4 | Mech | 22.01.24 | Overview on Value Stream Mapping and Lean Manufacturing Tools and Techniques | Dr.G.Sundaramali, ASP/Mechanical, Department of Manufacturing Technology, VIT, Vellore. |
| 5 | Civil | 25.01.24 | Technical Webinar on Role of Building Information Modeling in Construction | Department of Civil Engineering in association with Paavai Civil Engineering Association, Paavai Engineering College |
| 6 | Aero | 19.01.24 to 24.01.24 | Five Days Training Program on” Drone Skill Development and Entrepreneurship“ | Mr.A.Vivekananthan, Ex-Airforce-Aircraft & Systems, Academic Relations Officer, Jetaerospace Drone Manufacturing Hub,Kerala. |

Webinar attended by faculty member

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|-----------|----------------------------|--------------------------------------|---|--|
| 1 | CSE | 18.01.24 | Dr.D.Banumathy | Infosys Campus connect online SPOC meeting | Infosys |
| 2 | CSE | 18.01.24 | Dr.A.Jeyamurugan | Infosys Campus connect online SPOC meeting | Infosys |
| 3 | CSE | 20.01.24 | Dr.D.Banumathy | IIT Madras-South Zone SPOC felicitation workshop | IIT Madras |
| 4 | ECE | 18.12.23 to 22.12.23 | Mrs.C.Vanaja | International Level Virtual Faculty Development Program on Modern Research Convergence in Next Generation Computing | Department of Computer Science and Engineering, Sri Krishna College of Engineering and Technology. |
| 5 | MCT | 15.01.24 to 19.01.24 | Dr.D.R.P Rajarathnam | Industry 4.0 & Digitalization | GKCEM-Kolkata |
| 6 | Civil | 15.01.24 to 20.01.24 | Mrs.S.Rajeswari | 5 days STTP on Futuristic Scope in Civil Engineering | Department of Civil Engineering, K.D.K. College of Engineering |
| 7 | CYS | 20.01.24 | Ms.Alarmel Mangai | Virutal Lab in CSE | Third National Level One day Online FDP.Narsimha Reddy Engineering College,secunderabad |
| 8 | CYS | 20.01.24 | Mrs.J.Velumani | Boot camp on Deep Learning | Pantech ELearning |
| 9 | CYS & IOT | 18.01.24 | Mrs.S.Suganya | International Webinar on “Five Elements of human success in any field” | Digisaksham |
| 10 | CYS | 20.01.24 | Rajalakshmi R | AI Webinar on Quantum Computing and ML | Times Pro |
| 11 | ECE | 23.01.24 | Mr.D.Satheesh kumar | Participated in the National level quiz competitionon “Sardar Unity Trinity Quiz” | My Government of India. |
| | | | | Participated in the National level quiz competition on “Har Ghar Jal Quiz”. | Jal Jeevan mission & MyGov. |
| 12 | ECE | 22.01.24 | Mr.S.Sathish | Webinar on | Vel Tech TBI & |

| | | | | | | |
|----|----------|----------------------|---|--|---|--------------|
| | | | Dr.R.Mohana Priya | Strategies, Tools and Tips for Startup Growth Resilience. | Institution Innovation Council, Avadi, Chennai. | |
| 13 | Mech | 22.01.24 to 27.01.24 | Dr.S.T.Kumaravel K.Anand | Design, Processes and applications of Additive Manufacturing | EASA College of Engineering and Technology, Coimbatore | |
| 14 | MCT | 25.01.24 | Dr.D.R.P Rajarathnam | Sardar Unity Trinity Quiz | Participated | |
| 15 | | 26.01.24 | Dr.R.T.Ajay Karthik R.Arunbabu S.Manikandan C.Vibin Stalin R.Karthick | Samvidhan Quiz | | |
| 16 | Civil | 25.01.24 | Mr.M.Rajkannan Mrs.B.Karthiga Mrs.B.Kiruthika | Win – 3 Teaching | Department of Civil Engineering in association with office of the sponsored Research and Incubation, Presidency School of Engineering | |
| 17 | Civil | 23.01.24 | T.MuthaiyaMuralitharan B.Sarathi S.Vikram | Project Exhibition | Department of Mechanical Engineering and Mechatronics Engineering in association with Institutions Innovation Council & EDC | |
| 18 | Chemical | 23.01.24 to 29.01.24 | Ms. G. Swathi | “Emerging Advancement in the Field of Computational Biology” | Sathyabama Institute of Science and Technology, Chennai | |
| 19 | BT | 27.01.24 | Online WEbinar on:Dna Finger Printing | Ms.M.MuthuMani | Learn to Upgrade | |
| 20 | | 26.01.24 | National Conference (Registered) | | Sona College of Arts and Science BIOTA-2024, Salem. | |
| | | | Plant Development of Biology (4 Week Registered) | | | NPTEL Swayam |
| | | | Molecular Biology (12 weeks Registered) | | | |
| 21 | CYS | 24.01.24 | International webinar on “personal branding” | Ms.S.Suganya | SEMS | |

Workshop / Webinar attended by students

| S.No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|------|--------|----------------------|--|--|--------------------------------|
| 1 | ECE | 27.01.24 | Workshop on Build your First Generative AI Model | Nxtwave | 83 |
| 2 | ECE | 23.01.24 to 29.01.24 | Workshop on Hyper Spectral Image analysis using Machine Learning Algorithms | Amirtha viswa vidhyapeetham, Coimbatore. | 1 |
| 3 | ECE | 24.01.24 | Talent Quest for India (TQI) | TQI, Ayodhipattinam. | 3 |
| 4 | ECE | 24.01.24 | Project Exhibition/Poster Presentation of Ideas & linkage with Innovation Ambassadors for Mentorship | Institution's Innovation Council and Entrepreneurship Development cell in association with Mechanical Engineering & Mechatronics Engineering, PEC. | 14 |
| 6 | ECE | 19.01.24 to 24.01.24 | Completed in Skill Development and Entrepreneurship Training Program in the field of "Drone Technology". | Jet Aerospace Aviation Research Center Drone Nano satellite Research Division, Delhi. | 12 |
| 7 | EEE | 23.01.24 | Paper Presentation | Saveetha Institute of Medical and Technical Sciences (SIMATS), Chennai. | 5 |
| | | | Workshop | | 2 |
| 8 | | 19.01.24 to 24.01.24 | Drone Skill Development and Entrepreneurship Training Program | Jet Aerospace & Paavai Engineering College. | 16 |
| 9 | Mech | 19.01.24 to 24.01.24 | Drone Technology | IHFC – Technology Innovation Hub of IIT Delhi(setup by DST-Ministry of Science and Technology | 2 |
| 10 | MCT | 24.01.24 | Skill Development & Entrepreneurship Training Program | IHFC-Technology Innovation Hub of IIT Delhi | 4 |
| 11 | Pharma | 19.01.24 to 24.01.24 | Drone skill development and Entrepreneurship training program | Jet Aerospace & IIT Delhi | 28 |

| | | | | | |
|----|-----|----------------------------|---|---|----|
| 12 | BME | 19.01.24 to 20.01.24 | Kongunadu College of Engineering & Technology | Navigating the Nanoscale Innovations and Applications in Nanomedicine | 5 |
| 13 | CYS | 18.01.24 to 20.01.24 | Null Community Meet | Null Community Meet | 1 |
| 14 | CYS | 23.01.24 to 25.01.24 | NSS Rd Parade | NSS,PEC | 1 |
| 15 | CYS | 23.01.24 | Dance Exam | Paavai Nrithyalaya | 1 |
| 16 | CYS | 25.01.24 | Practical Task | Tom Brunskill Coe Of Forage | 1 |
| 17 | IT | 19.01.24 to 24.01.24 | Skill Development and entrepreneurship Training | Jet Aerospace | 3 |
| 18 | MBA | 25.01.24 | IJPSRM | MBA DEPARTMENT | 12 |

Internship Details

| S.No | Dept | Date | Title of Internship/Name of the company | Organized by | Name of the student (or) count |
|------|------|----------------------------|---|---|--------------------------------|
| 4 | IT | 01.01.24 to 30.01.24 | Internship | Web Development | 1 |
| 5 | IT | Jan 2024 to May 2024 | | Ninja Leader Position | 1 |
| 6 | ECE | 23.01.24 to 23.04.24 | | DRDO Bengaluru | 4 |
| 7 | ECE | 18.01.24 to 18.04.24 | | CASDIC, DRDO Bengaluru | 6 |
| 8 | ECE | 09.01.24 to 20.01.24 | | Steel Plant, Salem | 5 |
| 9 | ECE | Jan-2024 | | Jawaharlal Nehru Centre for Advanced Scientific Research. | 6 |
| 10 | ECE | 15.01.24 to 24.01.24 | | Tamil Nadu Newsprint and Papers Limited- Karur | 6 |
| 11 | ECE | 08.01.24 to | | Neyveli Lignite Corporation Limited | 3 |

| | | | | | |
|----|--------------|-----------------------------|--|---|----|
| | | 27.01.24 | | | |
| 12 | MCT | 06.01.24 to 20.01.24 | | Salem Steel Plant- Salem | 2 |
| 13 | Food | 04.01.24 to 18.01.24 | | SRMS Milk Industries, Namakkal | 5 |
| 14 | Food | 08.01.24 to 23.01.24 | | Internship Sakthi Sugar Limited, Erode | 6 |
| 15 | Food | 18.01.24 to 27.01.24 | | M. K. Krishnamoorthy Sugar Mill Ltd., | 4 |
| 16 | Chem ical | 02.01.2024 to 31.01.24 | | PPG Asian paints, Chennai | 16 |
| 17 | Chem ical | 02.01.24 to 31.01.224 | | NIT, Trichy | 1 |
| 18 | Pharm a | 12.12.23 to 20.01.24 | | SkyEc Drugs and Pharmaceutical Private limited | 1 |
| 19 | BT | Jan 2024- March 2024 | | Genolites Research and Development Laboratory, Coimbatore | 3 |
| 20 | BT | Jan 2024- March 2024 | | Saveetha Institute of Medical and Technical Sciences, Chennai | 3 |
| 21 | BT | Jan 2024- March 2024 | | Bharathidasan University, Tiruchirappalli | 5 |
| 22 | BT | Jan 2024- March 2024 | | ICAR-Sugarcane Breeding Institute, Coimbatore. | 3 |
| 23 | BT | Jan 2024- March 2024 | | Saveetha Institute of Medical and Technical Sciences, Chennai | 5 |
| 24 | BT | Jan 2024- March 2024 | | Periyar University, Salem | 6 |
| 25 | BT | Jan 2024- March 2024 | | Genolites Research and Development Laboratory, Coimbatore | 4 |
| 26 | BT | Jan 2024- March 2024 | | Alpha Omega Research Foundation, Salem | 1 |
| 27 | ECE | 29.01.24 to 23.04.24 | | Ministry of Defence Defence research & development | 3 |

| | | | | | |
|----|------|----------------------------|--|---|----|
| | | | | Organization, Bangalore. | |
| 28 | ECE | 29.01.24 to April'24 | Internship Selected with Stipend of Rs.8000/-per Month | Faceprep, Coimbatore | 1 |
| 29 | ECE | 23.01.24 to 22.04.24 | Internship Selected with Stipend of Rs.6000/-per Month | Naveen Alarm Systems India PvtLtd | 2 |
| 30 | CSE | 27.01.24 | Internshala | Collector Babu (Internshala) 3 Months (Stipend-10,000/ month) | 1 |
| 31 | CSE | 22.01.24 | | Smartificia Technologies Private Limited Doj: 22.01.24 (3 Months) | 1 |
| 32 | CSE | 22.01.24 | Internship | Coding Raja Technologies | 1 |
| 33 | EEE | Dec to Feb | | NCR Corporation, Chennai. 10,000/Month | 1 |
| 34 | EEE | Jan to Mar | | Modpro Solutions, Chennai 10,000/Month | 1 |
| 35 | Aero | 02.01.24 to 31.01.24 | | Central Tool Room and Training Centre (CTTC), Bhubaneswar | 3 |
| 36 | Aero | 09.01.24 to 10.02.24 | | Vimanna Labs India Pvt Ltd,Tanjore | 1 |
| 37 | Chem | 02.01.24 to 31.01.24 | | PPG Asian paints, Chennai | 16 |
| 38 | Chem | 02.01.24 to 31.01.24 | | NIT, Trichy | 01 |
| 39 | Chem | 08.01.24 to 27.01.24 | | Global Calcium Private Limited | 02 |
| 40 | MDE | 04.01.24 to 24.01.24 | | Christian Medical College Vellore | 1 |
| 41 | IT | 01.01.24 | Web | Tech Octanet Services | 1 |

| | | | | | |
|----|------|----------------------------|--------------------------|--|---|
| | | to 30.01.24 | Development | Private Limited | |
| 42 | IT | Jan'24 to May'24 | Ninja Leader Position | Coding Ninjas | 1 |
| 43 | Food | 18.01.24 to 27.01.24 | Internship | M. K. Krishnamoorthy Sugar Mill Ltd., | 4 |

Microsoft learn student ambassador community organized by student

| S.No | Dept | Date | Title | Organized by | Name of the Speaker |
|------|------|----------------------------|---|---|----------------------------|
| 1 | IT | 20.01.24 to 26.01.24 | Web Application: .NET Cloud Skill Challenge | Microsoft Learning Student Ambassador(MLSA) in Association with Paavai Engineering College | S.Vikram Raja MLSA Lead |

Coding Ninjas XPaavai Engineering College Organized by student

| S.No | Dept | Date | Title | Organized by | Name of the Speaker |
|------|------|----------------------------|------------------------|---------------|--|
| 1 | IT | 20.01.24 to 26.01.24 | Tricolour Code Fest | Coding Ninjas | S.Vikram Raja President,Coding Ninjas Student Club,Paavai Engineering College |

Online Course Completed Details – Students

| S.No | Dept | Date | Title | Organized by | Name of the student | Year |
|------|------|--------|----------------------------|----------------|---------------------|------|
| 1 | IT | Jan'24 | Google Data Analytics | Coursera | 63 Students | IV |
| 2 | IT | Jan'24 | Java Basics Programming | Great Learning | Navaneethan.K | II-B |

TQI Activities Details

| S. No. | Dept | Date | Title of Programme | Venue | No of Volunteers participated | Organized by / Guest Speaker Details |
|-----------|-------|----------|-----------------------|---|----------------------------------|--|
| 1. | (TQI) | 23.01.24 | Summit 1 classes | Palapalayam Village Panchayat School | 40 | Talent Quest for India |

| | | | | | | |
|----|--|----------|---------------------|--|-----|------------------------|
| 2. | | 23.01.24 | Summit 1 day 3,4 &5 | Government Higher Secondary School, Ayothiyapattinam | 150 | Talent Quest for India |
| 3. | | 25.01.24 | Summit 2 classes | Palapalayam Village Panchayat School | 44 | Talent Quest for India |
| 4. | | 25.01.24 | Summit 1 classes | Palapalayam Village Panchayat School | 44 | Talent Quest for India |

Good things:

1. Paavai Engineering College NSS volunteer Ms.A.U.Lekha Shree, Second Year/B.Tech.(Pharma) participated NSS–Participation Republic Day Parade Camp-2024, New Delhi on 26.01.2024, and the National RD parade camp held from 01 January 2024 to 26 January 2024.
2. On National Voters Day Celebration 25.01.2024, Paavai Engineering College, Namakkal NSS Programme Officer Mr.C.Rathnakumar received Best Performing Nodal Officer-2024 Appreciation Award along with Cash Prize Rs.1000/- and R.Gokul III B.E.(Cyber Security) received Best Performing Campus Ambassador-2024 appreciation award along with Cash Prize Rs.1000/- for Namakkal District from Thiru. Satyabrata Sahoo, I.A.S., Chief Electoral Officer (CEO) and Principal Secretary to Tamil Nadu Government. This function was presided over by the Honorable Governor of Tamil Nadu Thiru.R.N.Ravi on 25.01.2024 at Kalaivaanar Arangam, Chennai.
3. Paavai Engineering College NSS Volunteer S.Sivasubra Manikandan, II year B.E. (ECE) and Ms.S.Swetha, Second year B.Tech.(Agri.) actively participated in the Tamil Nadu State Republic Day Parade-2024 at Chennai on 26.01.2024 and the State RD parade camp held from 16.01.2024 to 26.01.2024.

Prize/awards won by selected- students

| S.No | Dept | Date | Name of the Students or count | Title of Award | Given by |
|------|------|----------------------|---|--|--|
| 1 | ECE | 20.01.24 to 21.01.24 | M.Sangamithra R.Soundharya | Secured third place in the cross country women's tournament. | Anna University |
| 2 | EEE | 24.01.24 | M.Bharath M.Prasanth kumar M.Dinesh | Project Expo / II nd Prize | Saveetha Institute of Medical and Technical Sciences |

| | | | | | |
|---|------|----------|---------|---|--|
| | | | | | (SIMATS), Chennai. |
| 3 | Mech | 20.01.24 | L.Deepa | Cross country race(Inter Zone level – 3 rd Place) | SivanthiAditinar College, Thiruchendur |
| 4 | CYS | 25.01.24 | R.Gokul | Campus Ambassador | Election Commision of India |

Journals published by faculty members

| S.No | Dept | Date | Name of the Faculty | Title | Journal Details |
|------|------|----------|---|---|---|
| 1 | ECE | 12.01.24 | Dr.M.Shantha Kumar | International Journal of Scientific Research in Science and Technology (IJSRST) Title: Implementation of Automatic Vehicle License Plate Detection using Python, Opencv and Tesseract OCR | Print ISSN: 2395- 6011 Online ISSN: 2395- 602X |
| 2 | CSE | Jan'24 | N.M.K. RamalingamSakthivelan Arunkumar A Kishore Kumar AL Atthish P | AI Nutrition Advisor For Fitness Enthusiasts: Making Every Byte Count | Volume-11, Issue-1, January-2024, Impact Factor: 8.57, ISSN : 2349-9249 |
| 3 | Mech | Jan '24 | Dr.K.Sundara Murthy Dr.V.Subburam Dr.M.Makesh | Optimization of End Milling Parameters for Better Surface Finish using Six Sigma | Academic Journal of Manufacturing Engineering ISSN 2601-3045 Vol.21, Issue 4/2023 |
| 4 | Aero | 25.01.24 | Dr R Arravind | Analysis of Metal Removal Rate on Nitinol alloy using Electrochemical Honing Process | Key Engineering Materials ISSN: 1662-9795 |

Patent published by faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title | Patent Number &Details |
|------|------|----------|--|--|-----------------------------|
| 1 | FT | 20.01.24 | Ms.V.Thabitha Zelin Rachel | "[Algae-derived Biochemicals of Industrial Importance” – by Springer Cham | Submitted |
| 2 | Mech | 12.01.24 | Dr.K.Sundara Murthy Dr.M.Makesh Dr.C.Suresh Dr.P.Pugalenthi | Chatbot Application | 12.01.2024 202341085823A |

PAAVAI ENGINEERING COLLEGE
(Autonomous)

WEEKLY NEWSLETTER: 29.01.2024 to 03.02.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 03.02.2024 regarding,
 - Higher studies & Internship in foreign university
 - MSME Hackathon mapping
 - Placement Training
 - CIIC-MoU
 - International conference ICATS'2024

Specific:

Webinar Organized

| S.No. | Dept. | Date | Title of Program/Webinar | Organized by / Guest Speaker Details |
|-------|----------------------|--|--|--|
| 1 | EDC & IIC | 31.01.24 | MoU Signing between Paavai Engineering College & Crescent Innovation and Incubation Centre | Dr.ParvezAlam Executive Director,CIIC& AIC Chennai Dr.NishaMukund CEO,CIIC, Chennai |
| 2 | Chemical & IIC | 02.02.24 | Exposure Visit to ABLEST – TBI,SASTRA, Thanjavur. | Mr.Balasubramani HoD,Chemical Ms.G.Swathi AP,Chemical |
| 3 | Pharmaceutical & IIC | 03.02.24 | Exposure Visit to AVN Ayurveda Formulations Private Limited | Dr.R.PraveenCumar HoD,Pharma Ms.S.Pragathi AP,Pharma |
| 4 | IIC & EDC | 23.02.24, 24.02.24 & 02.02.24 | ATL School Visit Mohanur GGHS – Concepts in IoT and Arduino | Dr.R.MohanaPriya IIC Convener Ms.Saranya AsP,IT |

Seminar/ FDP/Webinar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|------|----------------|--------------------------------------|--------------------------------|--------------------|
| 1 | ECE | 29.01.24 to | Mr.S. Satheesh Kumar | Online FDP on Role of Big Data | GATES Institute of |

| | | | | | |
|---|------|----------------------|---|--|--|
| | | 03.02.24 | | and Could in the Era of Transformation. | Technology,Gooty, Andhra Pradesh |
| 2 | ECE | 22.01.24 to 27.01.24 | Mrs.S.Annalakshmi Ms.H.Rizwanabegam Mr.S.B.Mani (Lab Instructor) | SDP On Web and Graphics Design. | Department of Computer Science and Applications, Computer Society of India & Center for Human Resource Development, Periyar Maniammai Institute of Science and Technology. |
| 3 | CSE | 22.01.24 to 27.01.24 | Dr.P.Thiyagarajan K.Sudha Devi E.Elanchezhiyan M.Sivaranjani | FDP on Emerging Technologies in Computer Science | Easwari Engineering College, Chennai |
| 4 | IT | 29.01.24 to 02.02.24 | Dr.B.Venkatesan | AI Evolution: "From Foundations to Generative AI" | AICTE in Association with Edunet Technologies |
| 5 | IT | 29.01.24 to 02.02.24 | Dr. S.Madasamy Raja | Outcome based Education | CVR College of Engineering, Hyderabad |
| 6 | Mech | 30.01.24 | S.Prabhakaran | Awareness Program on accredited and Testing & Calibration Laboratories for MSME | GCE, Salem (NABL under QCI, Ministry of Commerce and Industry) |
| 7 | Mech | 02.02.24 & 03.02.24 | S.Prabhakaran R.Meiyazhagan | Two day workshop on 'AI Tools in Research Writing' | KPRIET, Coimbatore |
| 8 | Mech | 02.02.24 | Dr.S.T.Kumaravel | IC design for Different applications, Innovative Materials for environment and biomedical technology | EduCare, Taiwan |
| 9 | MCT | 22.01.24 to 27.01.24 | Dr.D.R.P Rajarithnam Dr.R.T.Ajaykarthik R.Arunbabu S.Manikandan | Design, Process and Application of Additive Manufacturing | EASA College- Chennai |

| | | | | | |
|----|--------|----------------------------|---|---|--|
| | | | C.Vibin Stalin R.Karthick | | |
| 10 | MCT | 02.02.24 | Dr.D.R.P Rajarathnam Dr.R.T.Ajaykarthik R.Arunbabu S.Manikandan C.Vibin Stalin R.Karthick | Edu care-Taiwan | Taiwan University |
| 11 | Civil | 29.01.24 to 02.02.24 | Mr.M.Rajkannan | FDP on Green Solutions for Smart infrastructure Development | Department of Civil Engineering, Geethanjali College of Engineering and Technology. |
| 12 | Aero | 15.01.24 to 19.01.24 | Dr.R.Arravind | FDP-Industry 4.0 & Digitalization | Greater Kolkata College of Engineering and Management |
| 13 | Pharma | 23.01.24 to 29.01.24 | Mr. Karthih G Ms.Pragathi S Dr.B.Dhevahi Mr.Adaikala Selvan G | Faculty Development Program on Emerging Advancements in the field of computational Biology | organized by Sathyabama Institute of Science and Technology. |
| 14 | BT | 03.02.24 | Dr.K.Kavitha Ms.M.MuthuMani | National Conference BIOTA-2024 (Paper Presentation) | Sona College of Arts and Science, Salem. |

Seminar/ Webinar attended by students

| S. No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|-------|------|----------------------------|---|--------------------------------------|--------------------------------|
| 1 | ECE | 02.01.24 | Webinar on latest Research on IC design for different applications, innovative materials for Environmental & biomedical Technologies. | EduCare taiwan | 46 |
| 2 | ECE | 01.02.24 to 02.02.24 | Seminar on bridging the physical and virtual words for improved patient outcomes. | Banari Amman institute of Technology | 4 |

| | | | | | |
|----|----------|----------------------------|---|--|----|
| 3 | ECE | 31.01.24 | Lingua skills English proficiency test. | Department of English Paavai engineering college | 3 |
| 4 | ECE | 31.01.24 | Workshop on E-Vehicles. | Rajalakshmi Institute Technology Chennai. | 6 |
| 5 | ECE | 30.01.24 to 02.02.24 | Rocketry Workshop. | Cambrian Labs, CIT, Bengaluru. | 6 |
| 6 | ECE | 29.01.24 to 31.03.24 | Industrial project on smart security device using stun gun. | Techno Crafts, Erode | 3 |
| 7 | ECE | 29.01.24 to 31.03.24 | Industrial project on IOT Enabled integrated floatable boat and rover robot for trash coquetry. | Techno Crafts, Erode | 3 |
| 8 | ECE | 29.01.24 to 31.03.24 | Industrial project on Automatic animal food feeding for poultry | Techno Crafts, Erode | 2 |
| 9 | ECE | 29.01.24 to 30.02.24 | Workshop on Hyper spectral Image Analysis using Machine Learning. | Amritha College, Coimbatore. | 2 |
| 10 | CSE | 30.01.24 to 01.02.24 | Rocketry Workshop | Cambridge Institute of Technology Bangaluru | 7 |
| 11 | IT | 31.01.24 | Data Analytics | Nxt Wave | 1 |
| 12 | Mech | 30.01.24 | Awareness Program on accredited and Testing & Calibration Laboratories for MSME | GCE, Salem (NABL under QCI, Ministry of Commerce and Industry) | 3 |
| 13 | MCT | 02.02.24 & 03.02.24 | AI Tools | KPR Institute Coimbatore | 06 |
| 14 | MCT | 02.02.24 | Design & Development of Electric Vehicle | Karpagam College of Engineering-Coimbatore | 05 |
| 15 | MCT | 03.02.24 | AI Products | Vellamal College of Engineering | 06 |
| 16 | MCT | 03.02.24 | Data Analytics Mega Workshop | NXT Wave | 1 |
| 17 | MCT | 31.01.24 | Awareness Program on Accredited Testing & Calibration Laboratories. | NABL GCE-Salem | 2 |
| 18 | Agri | 02.02.24 | Demonstration Class | Department of Agriculture Engineering | 34 |
| 19 | Chemical | 02.02.24 | Exposure visit to Ablest-TBI, Sastra, Thanjavur | Department of Chemical Engineering, IIC, PEC | 25 |
| 20 | MDE | 01.02.24 to 02.02.24 | National Seminar on “Metaverse Applications In Healthcare: Bridging | Bannari Amman Institute Of Technology-Erode | 14 |

| | | | | | |
|----|-----------|------------|--|---|----|
| | | | The Physical And Virtual Worlds For Improved Patient Outcomes” | | |
| 21 | BME & MDE | 31.01.24 | National Seminar on “Oxidative Stress Markers and their Impact on the Metabolic Profile in Patients with Polycystic Ovary Syndrome(PCOS) | Velalar College of Engineering and Technology-Erode | 8 |
| 22 | BT | 03.02.24 | National Conference BIOTA-2024 (Oral Presentation) | Sona College of Arts and Science, Salem. | 7 |
| 23 | | 29.01.24 | Poetry (Won II Prize) | Paavai Engineering College, Namakkal. | 1 |
| 24 | | 29.01.24 | Embryology and Angiosperms (Registered 6 Weeks | NPTEL Swayam | 4 |
| | | | NanoTechnology in Agriculture (Registered 8 Weeks) | | 4 |
| | | | Biomolocules (Registered 15 Weeks) | | 1 |
| 25 | CYS | 29.01.24 | Mastering Burp Suite-Online Session | Secure Sphere Foundation | 1 |
| 26 | CYS | 29,30.1.24 | Socio-Tech Hackathon | Kpr College,Kovai | 4 |
| 27 | CYS | 03.02.24 | Vulnerability Fresher | Innometrix | 45 |
| 28 | AIML | 28.01.24 | Arduino craft | IIT Madras | 1 |
| | | | Hcak4change | | 1 |
| | | | Insider’s guide | | 1 |
| | | | Design blast | | 1 |
| 29 | | 28.01.24 | Data science with AI | NoviTech R&D Private limited | 1 |

Internship Details

| S.No | Dept | Date | Title of Internship/Name of the company | Organized by | Name of the student (or) count |
|------|------|----------------------|---|---|----------------------------------|
| 1 | ECE | Dec’23-30.01.24 | Web Development | Cognifyz Technologies | D.Ajay |
| 2 | CSE | 14.12.23 to 16.02.24 | Internship | Wesure Insurtech Service Private Limited. Bangalore | 2 |
| 3 | CSE | 27.01.24 | Internshala | Collector Babu | 3 Months (Stipend-10,000/ month) |

| | | | | | |
|----|----------|----------------------|-----------------------|--|----|
| 4 | CSE | 22.01.24 | Internship | Smartificia Technologies Private Limited | 1 |
| 5 | CSE | 30.01.24 | | Face Prep | 3 |
| 6 | IT | 01.01.24 to 30.01.24 | Web Development | Tech Octanet Services Private Limited | 1 |
| 7 | IT | Jan'24 to May'24 | Ninja Leader Position | Coding Ninjas | 1 |
| 8 | IT | 18.01.24 to 18.04.24 | Data Engineer | Eesan IT solution | 8 |
| 9 | IT | 01.01.24 to 01.02.24 | Web Development | Octanet Service Pvt Ltd | 5 |
| 10 | IT | 29.01.24 to April'24 | Associate Trainer | Face Prep (Through Placement Training) | 3 |
| 11 | IT | Jan'24 to April'24 | Apprenticeship | Renault Nissan (through placement) | 1 |
| 12 | IT | 29.01.24 to April'24 | Associate Trainer | Face Prep (Through Placement Training) | 1 |
| 13 | IT | Jan'24 to April 24 | Program Developer | Skill safari | 1 |
| 14 | IT | Jan 24 to April'24 | Data Engineer | EvolveBPM | 2 |
| 15 | MCT | 05.02.24 to 31.07.24 | Internship | Aqua Sub Engineering. Coimbatore | 8 |
| 16 | Chemical | 01.02.24 to 29.02.24 | | PPG Asian paints, Chennai | 16 |
| 17 | Chemical | 01.02.24 to 29.02.24 | | NIT, Trichy | 01 |
| 18 | Chemical | 01.02.24 to 29.02.24 | | Faceprep, Coimbatore | 02 |

Conference attended by students

| S.No | Dept/Year | Date | Details | Name of the student |
|------|-----------|----------------------------|---|---------------------|
| 1 | Pharma | 29.01.24 to 30.01.24 | SOCIO-TECH HACKATHON-2024, KPR College of Arts and Science, Coimbatore | R Dhinesh Kumar |

TQI Activities Details

| S. No. | Department | Date | Title of Programme | Venue | No of Volunteers participated | Organized by / Guest Speaker Details |
|--------|------------------------------|----------|-------------------------|--|-------------------------------|--------------------------------------|
| 1 | Talent Quest for India (TQI) | 31.01.24 | ULLAS – summit sessions | Government Higher Secondary School Elambalur | 1 | Talent Quest for India |
| 2 | Talent Quest for India (TQI) | 31.01.24 | Mission Samrudhhi | Village Panchayat School,Muthukapatty, | 4 | Talent Quest for India |
| 3 | Talent Quest for India (TQI) | 02.01.24 | Mission Samrudhi | Village Panchayat School Palayapalayam | 7 | Talent Quest for India |
| 4 | Talent Quest for India (TQI) | 28.01.24 | Mission Samrudhi | Government primary school, sitling ,harur, Dharmapuri. & Government High School, Bairnayakkampatty | 3 | Talent Quest for India |
| 5 | Talent Quest for India (TQI) | 02.02.24 | Career guidance session | Government Higher Secondary School , Shivanaikenpatti | 4 | Talent Quest for India |
| 6 | Talent Quest for India (TQI) | 02.02.24 | Mission Samrudhi | Government Schools in Palapalyam and Bodinaikenpatti | 7 | Talent Quest for India |

Good things:

Journals published by faculty members

| S.No | Dept | Date | Name of the Faculty | Title | Journal Details |
|------|------|----------|---------------------|---|---|
| 1 | ECE | 27.01.24 | Dr.M.Sudha | Electronics Direction Indicator using Embedded System | International journal of novel research and development(IJNRD). |

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|---|------|----------|---------------------------------------|---|--|
| | | | | | ISSN No : 2456-4184 |
| 2 | ECE | Jan 2024 | Dr.R. Mohana Priya | Smart shopping Trolley With Chatbot. | International Journal of Innovative Research in Technology (IJIRT). ISSN No: 2349-6002. |
| 3 | ECE | Jan 2024 | R.Logarasu | Smart Bore well Child Rescue System in Wireless Monitoring Using AIS | International journal of Creative Research Thoughts (IJCRT). ISSN No: 2320-2882. |
| 4 | ECE | Jan 2024 | S.Usha | Smart Crop Growth Monitoring Based on system Adaptivity and Edge AI. | International journal of Creative Research Thoughts (IJCRT). ISSN No: 2320-2882. |
| 5 | BT | 30.01.24 | Dr.S.Saranyadevi | Recent Advances in Machine Learning Strategies and its Application | - |
| 6 | Agri | 01.01.24 | Mr.U.Karthickeya | Automatic Ground Grass Leveller by Using Sensor | Journal published in e-journal volume 10 |
| 7 | IT | | Dr. S.Madasamy Raja Mrs.B.Deepa | https://ieeexplore.ieee.org/document/10408069/authors | IEEE |

Journals Published by students

| S.No | Dept | Date | Name of the Student | Title | Journal Details |
|------|------|-----------|---|--|--|
| 1 | ECE | Jan'2024 | S.Madhan M.Kamalraj S.Livinkumar | Smart shopping Trolley With Chatbot | International Journal of Innovative Research in Technology (IJIRT). ISSN No: 2349-6002. |
| 2 | ECE | Jan' 2024 | R.Monokaran K.HariKirishnan K.Gowtham | Smart Borewell Child Rescue System in Wireless Monitoring Using AIS | International journal of Creative Research Thoughts (IJCRT). ISSN No: 2320-2882. |
| 3 | ECE | Jan'2024 | S.Rohith S.Somasekara P.Akash kirshna | Smart Crop Growth Monitoring Based on system Adaptivity and Edge AI. | International journal of Creative Research Thoughts (IJCRT). ISSN No: 2320-2882. |

Event Organized by various Clubs

| S.No | Dept | Date | Title | Organized by | Name of the Speaker |
|-------------|-------------|----------------------------|----------------------------------|---|---|
| 1 | IT | 01.02.24 | Ninjasprint Ideathon 1.0 Kickoff | Coding Ninjas In association with: GDSC - Paasvai | S.Vikram Raja President,Coding Ninjas Student Club,Paavai Engineering College |
| 2 | IT | 03.02.24 | Preprocessing and Explore ML | GDSC - Paavai | Kanav Bansal, Chief Data Scientist, Innomatics Research Labs Partner: Innomatics Research Labs |
| 3 | IT | 01.02.24 to 07.02.24 | Weekly coding Contest 111 | Coding Ninjas | S.Vikram Raja President,Coding Ninjas Student Club,Paavai Engineering College |

Award Details – Students Achievements

| S.No | Dept | Date | Title | Organized by | Name of the students |
|-------------|-------------|-------------|-------------------------------------|-------------------------|-----------------------------|
| 1 | IT | 31.01.24 | National Achievers Award 2024 | Socially Point India | S.Vikram raja |

PAAVAI ENGINEERING COLLEGE
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WEEKLY NEWSLETTER: 05.02.24 to 10.02.24

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 10.02.2024 regarding,
 - Higher studies & Internship in Taiwan University
 - AICTE upload
 - ISRO project
 - PRISM proposal submission
 - CIIC road map

Specific:

Webinar / FDP attended by faculty members

| S.No | Dept | Date | Title | Organized By | Name of the Faculty |
|------|-------|----------------------------|--|---|--|
| 1 | IT | 05.02.24 to 09.02.24 | Research-The Journey From Inception to Publishing | Dhanraj Baid Jain College, Chennai | Mrs.M.Pushpalatha, Mrs.M.Saranya, Mrs.P.Anitha |
| 2 | IT | 05.02.24 to 09.02.24 | Research Methodologies | CVR College of Engineering, Hyderabad | Dr. G.Madasamy Raja |
| 3 | Civil | 05.02.24 | Webinar on Exploring Civil Engineering Abroad – Opportunities and Challenges | Department of Civil Engineering, Jaypee University of Engineering & Technology, Guna | Mrs.S.Rajeswari Mrs.B.Kiruthika Mrs.B.Karthiga |
| 4 | CYS | 05.02.24 | A heart Disease Classification usingn an Improved Particle Swarm Optimization Algorithm with support Vector Machine Classifier | IEEE,2023,International Conference on Integrated Intelligence and Communication Systems(ICIICS) | Mrs.J.Velumani |
| 5 | AIML | 08.01.24 to 12.01.24 | Artificial intelligence & machine learning | KSR institute for engineering and technology , Namakkal | RathiPriya . A |

Webinar attended by students

| S.No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|------|------|---------------------------|--|---|--------------------------------|
| 1 | ECE | 10.02.24 & 11.02.24 | Fashion show with the title of Mr.Tamil Nadu Fashion 2024 | NTR Fashion of TamilNadu | R.Janathiv |
| 2 | ECE | 05.02.24 & 09.02.24 | Workshop on Building Energy Management using IOT. | National institute of technology, Coimbatore. | S.Pragathi Ray |
| 3 | ECE | 03.02.24 | Completed online Certification Course in Network Basics. | CISCO | S.Vasanth |
| 4 | ECE | 02.02.24 | Completed online Certification Course in Cyber Security. | Google Coursera | S.Naveen |
| 5 | ECE | 02.02.24 | Webinar on Latest Research on IC design for different applications, innovative materials for Environmental & biomedicalTechnologies. | EduCare taiwan | 35 |
| 6 | ECE | 31.01.24 | Data Analytics Mega workshop. | NXT WAVE, CCBP 4.0 Academy. | R.Tamilarasn S.Srinath |
| | | | | | D.Ajay |
| 7 | ECE | 28.01.24 | Completed online Certification Course in Network Basics . | CISCO | M.Nishanth |
| 8 | ECE | 27.01.24 | Completed online Certification Course in Programming in Python. | Infosys | S.Vasanth |
| 9 | Aero | 02.02.24 & 03.02.24 | Workshop-“AI tools in Scientific Writing” | KPR Institute of Engineering and Technology | S.Suthagar |
| 10 | BME | 04.02.24 | To Participate Thulir 2024 (Practice Yoga to Promote Wellness) | Kumaraguru Institution- Coimbatore | Gopitha |
| 11 | BME | 09.02.24 | Brain computing | Karpagam Academy of Higher Education | Sarothrisha S |
| 12 | CYS | 06.02.24 | Course on Cybersecurity Awareness : Cyber security Terminology | Linkedin Learning | Kabilan K |
| 13 | CYS | 06.02.24 | Course on Cybersecurity Foundations | | |

| | | | | | |
|----|-----|----------|---|------------|-------------|
| 14 | CYS | 07.02.24 | The Cybersecurity Threat Landscape | | |
| 15 | CYS | 07.02.24 | Course on Python for Absolute Beginners | EC-Council | Hariharan R |

Conference attended by faculty members

| S.No | Dept | Date | Name of the Faculty | Title of Conference | Organized By |
|------|------|----------|------------------------------------|--|--|
| 1 | ECE | 29.01.24 | Mrs.S.Vijaya Ms.K.Prasanna Mery | Selected for 10 th International conference on advanced computing and communication systems. Paper title : Enhancing Hyper parameters for Improved Flight Delay Prediction Using Machine Learning Algorithms. | Sri Eshwar College of Engineering, Coimbatore. |

Good things:

Journal/Conference/Book/Patent published by faculty members

| S.No | Dept | Date | Name of the Faculty | Title | Journal Details |
|------|------|----------|---|---|---|
| 1 | ECE | 09.02.24 | Dr.M.Sudha | Enhanced Optimization Algorithm with Deep Learning Assisted Oral Cancer Diagnosis On IOT Healthcare System. | Journal of Intelligent Systems and Internet of Things (JISIOT). ISSN (ONLINE) : 2690-6791. ISSN (PRINT) : 2769-786X |
| 2 | ECE | 07.02.24 | Mr. Satheeshkumar & M.Dineshkumar R.Janathiv M.Vikram | Wireless Electronic Notice Board With Multipoint Receiver Using Radio Frequency | Journal of Emerging Technologies And Innovative Research (JETIR). ISSN NO : 2349-5162. |
| 3 | ECE | 02.02.24 | Mr.Logarasu | Patent: IOT Based Solar power Agriculture Robot. | Intellectual Property India. Design No: 403139-001. |
| 4 | IT | 08.02.24 | Dr.M.Rameshkumar | Deep Learning for sentiment Analysis: Exploring the power of Deep Learning Techniques in opinion Mining | - |
| 5 | IT | 08.02.24 | Dr. G.Madasamy Raja | Online Fraudulence Detection Based on Decision Support System in Digital Banking | https://ijisae.org/index.php/IJISAE/article/view/4720 |

Internship Details

| S.No. | Dept | Date | Name of the Student | Name of the Company |
|-------|------|----------------------------|--|--|
| 1 | CSE | 14.12.23 to 16.02.24 | R.Sasirekha G.Dharshini | Wesure Insurtech Service Private Limited. Bangalore |
| 3 | CSE | 27.01.24 | S.Jeevankumar 3 Months (Stipend-10,000/ month) | Collector Babu (Internshala) |
| 4 | CSE | 22.01.24 | T.Guna Doj: 22.01.24 (3 Months) | Smartificia Technologies Private Limited |
| 5 | CSE | 22.01.24 | T.Guna | Coding Raja Technologies |
| 6 | CSE | 30.01.202 4 | K.Srikanth Vishwa Teja Vagrasri | Face Prep |
| 7 | IT | Jan'24 to May'24 | S.Vikram raja | Coding Ninjas |
| 8 | IT | 18.01.24 to 18.04.24 | A.Naveen K.Sowmiya B.Priyadharshini S.Ramani G.Dhinesh Kumar S.Aiswarya S.Vidyawathi E.Jawahar M.Atchaya | Eesan IT solution |
| 9 | IT | 29.01.24 to April 24 | K.Dhivyapriya S.Devadharshini C.Sneha | Face Prep (Through Placement Training) |
| 10 | IT | Feb'24 to April'24 | C.Sneha S.Vikram Raja | No Broker, Banglore |
| 11 | IT | Jan'24 to April'24 | Chandramenan.E | Skill safari |
| 12 | IT | Jan'24 to April 24 | S.Harshini | EvolveBPM |
| 13 | ECE | 08.02.24 to 07.03.24 | A.Narmathadevi P.Naveen L.Puja Maharuna S.Priyanka H.R.Hariprakash | CASDIC, DRDO Bengaluru |

| | | | | |
|----|-----|----------------------------|---|--|
| 14 | ECE | 05.02.24 to 03.07.24 | J.C.Yathishwar D.Roshen kumar S.Somasekara Internship Selected with Stipend of Rs.5500/-per Month. | Aqua Sub Engineering. |
| 15 | ECE | 27.12.23 to 12.01.24 | S.Praiyanka Internship Completed. | TNPL,Karur |
| 16 | ECE | 08.01.24 to 27.01.24 | K.Rajeshkannan A.Riyasan C.Sathishkumar Internship Com- pleted. | NLC India Limited |
| 17 | BME | 09.02.24 | Barath A Ariharan V National level Tech- nical Symposium | Karpagam Academy of Higher Education |

PAAVAI ENGINEERING COLLEGE
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WEEKLY NEWSLETTER: 12.02.2024 to 17.02.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 17.02.2024 regarding,
 - Internshala registration
 - Anna University upload
 - IIT-Tirupathi internship upload
 - Dr.Ganapathy Sir's workshop
 - Dress code & discipline

Specific:

Webinar Organized

| S.No | Dept | Date | Title of Program/Webinar | Organized by / Guest Speaker Details |
|------|------|----------------------------|--|---|
| 1 | ECE | 12.02.24 to 17.02.24 | Six Days Online FDP on Recent Advances in Smart Materials and Sensor Technology. | Resource Persons: Day-1 Dr. KM. Palanisamy, Prof/ECE, Dr.T.Thimmaiah Institute of Technology, Karnataka. Day -2 Dr. S. Jayanthi., AP/Dept of Physics, Sona College of Arts and Science, Salem. Day -3 Mr. C. Sekaran, Technical Consultant and trainer, HMT, Bangalore. Day- 4 Dr. A.Karthikeyan, ASP/ECE, SNS College of Technology, Coimbatore. Day -5 Dr.T.Meeradevi, Prof & Head/ECE, Kongu Engineering College, Erode Day-6 Prashan Medical Technologies, Coimbatore. |
| 2 | EEE | 17.02.24 | A Simple Road Map for a Job | Ms.G.Janapriya, Java Developer, Accenture Coimbatore |

Webinar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|-------|----------------------------|--|--|--|
| 1 | ECE | 12.02.24 to 17.02.24 | Mrs.S.Vijaya Mrs.N.Gangarani Mrs.S. Usha | Physical mode Six days FDTP on “CEC 367- Industrial IoT and Industry 4.0”. | Sponsored by: Center for faculty &Professional Development Anna University. Department of ECE, Vivekanandha College of Engineering for Women. |
| 2 | ECE | 16.02.24 | Dr.R.Mohana Priya | One day Seminar on Artificial Intelligence. | Crescent Innovation and Incubation council visit, Chennai. |
| 3 | ECE | 12.02.24 to 16.02.24 | Dr. M. Sudha Dr.S.Vijayakumar Mr.S.Satheeshkumar | Five days Online FDP on Phyhon Programming with Django Framework for Building Web Applications. | Department of Computer Science Engineering, CMR Engineering College Hyderabad. |
| 4 | ECE | 12.02.24 | Mrs. C. Vanaja | Professional Classes for Power and Industrial Electronics | Paavai polytechnic college. |
| 5 | ECE | 11.02.24 | Mr.D.Satheesh Kumar | Online Workshop on Communication using Protocol in Embedded Systems | NoviTech R&D Pvt.Ltd. Coimbatore. |
| 6 | IT | 16.02.24 | Mrs.M.Saranya | Microsoft AI | CIIC, Chennai |
| 7 | EEE | 12.02.24 To 17.02.24 | Dr.C.Arulkumar Mr.R.Satheeshkumar | ATAL FDP on “Energy Management System for Electric Vehicle using Artificial Neural Network Techniques” | K.Ramakrishnan College of Technology, Trichy |
| 8 | Civil | 14.02.24 | Prof.K.Sharmiladevi | Living a purposeful life | IIC –Local Chapter (Salem) |
| 9 | Civil | 14.02.24 to 17.02.24 | Kaviyarasan C Manojkumar S | BIM in Structural Design Development | KSR Educational Institutions |
| 10 | Food | 16.02.24 | Mr. S. Gowtham Kumar | Crescent Innovation and Incubation Council | - |
| | | 17.02.24 | Dr. S. Senthil | UGC Sponsored webinar on "Students Diversity and Inclusive Education" | Madurai Kamaraj University, Madurai |
| | | 16.02.24 | Dr. S. Senthil | Webinar on "Latest Research in Biomedical Science" | Educare Taiwan |
| 11 | BT | 14.02.24 | Online Webinar on: Introduction to R | Dr..S.SaranyadeviAP/BT | Great Learning Academy |

| | | | | | |
|----|-----|----------------------------|-------------------------------------|--|--------------------------------------|
| 12 | CYS | 05.02.24 | Mrs.J.Velumani | FDP on “Recent Advances in Smart Materils and Sensor Technology” | PEC , ECE DEPT , IETE-WEEC Sponsored |
| 13 | CYS | 08.01.24 to 27.01.24 | Ms.Alarmelmangai K | Master class on Generative AI | Pantech eLearning Pvt Ltd |
| 14 | CYS | 15.02.24 | Ms.Alarmelmangai K | Machine Learning 101 | GUVI |
| 15 | MBA | 07.02.24 to 13.02.24 | Dr.K.S.Kavitha M. Bharani Eswari | FDP On Research Methodology | BALA’S VV academy Chennai |

Webinar attended by students

| S. No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|-------|------|----------------------------|--|--|--------------------------------|
| 1 | ECE | 14.02.24 to 15.02.24 | Workshop on Matlab Design | KSR Educational Institution,Namakkal. | 2 |
| 2 | ECE | 12..02.24 | Completed course on Dart & Flutter Development. | UDEMY | 1 |
| 3 | ECE | 11.02.24 | Attended Gate Exam | Indian institute of science (IISc),Bengaluru. | 19 |
| 4 | ECE | 05.02.24 to 10.02.24 | Online professional certificate course on “Event management”. | Research and skill Training organization, Vijayapur, Karnataka. | 1 |
| 5 | ECE | 23.01. 24 | Completed online Certification Course in Python for Beginners course In-Depth. | UDEMY | 1 |
| 6 | CSE | 14.02.24 & 15.02.24 | Design with MAT Lab | KSR College | 6 |
| 7 | Food | 14.02.24 & 15.02.24 | Workshop on Millets based product development | KSR Educational Institute | 8 |
| 8 | | 10.02.24 | Aandormutram NSS Volunteering | Paavai Engineering College | 2 |
| 9 | | 14.02.24 & 15.02.24 | Workshop on Millets based product development | KSR Educational Institute | 1 |
| 10 | CYS | 15.02.24 | Online Session”XXE External Entity” | Center for Cyber Security Studies and Research ,Unit of Secure Sphere Foundation | 1 |

| | | | | | |
|----|------------|----------------------------|--|--|----|
| 11 | CYS | 28.01.24 | Online Session “Certified Linux File System Professional “ | Center for Cyber Security Studies and Research ,Unit of Secure Sphere Foundation | 1 |
| 12 | CYS | 12.02.24 | Certified Ethical Hacker | EC - Council | 1 |
| 13 | CYS | 12.02.24 | Certified Ethical Hacker | EC - Council | 1 |
| 14 | CYS | 13.02.24 | Course on”Nmap Advanced Techniques A to Z on Network Scan 2023” | EC - Council | 1 |
| 15 | Pharm a | 14.02.24 to 17.02.24 | KSR college of technology | Workshop on Third generation of DNA sequencing technology | 9 |
| 16 | | 16.02.24 to 17.02.24 | MEPCO Schlenk Engineering college | Work shop on 2D gel electrophoresis Sivakasi | 14 |

Online International Conference attended students

| S.No | Dept | Date | Details | Name of the students participated |
|------|--------|----------|--|---|
| 1. | Pharma | 17.02.24 | International conference on Frontiers of Sustainable Research in Health care, Food, Agriculture and Environmental Management(ICSURE - 2024) organized by GNCR in association with GRI | Vijaykumar Loganathan Srimathi Harish Vashnew Bharath ram Sangeetha |

Project proposal Submitted by faculty members

| S.No | Name of the Faculty with Designation | Dept | Title of the Proposal | Name of the Funding Agency | Submission Date | Status |
|------|--|------|--|---|--------------------|-------------------------|
| 1 | Mrs.N.Gangarani (Co-PI) Dr.Annapoorani | ECE | Anti- Molestation Device for Disabled Women With Automatic Camera & Alert System using Arduino UNO | Science and Engineering Research Board(SERB) | 15.02.24 | Applied for 26 Lakhs |

Certification courses attended (January '24 to April'24)

| S.No | Name of the Faculty | Title of Course | Organized by | Duration | Online / Offline | Status |
|------|---------------------|---|--------------|----------|------------------|------------------------|
| 1 | Dr.B.Venkatesan | Introcution to IoT | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 2 | B.Deepa | Software Testing | NPTEL | 4 weeks | Online | Registered and ongoing |
| 3 | | Programming in Java | NPTEL | 12 Weeks | Online | |
| 4 | K.Kanimozhi | Introduction to programming in C | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 5 | M.Pushpalatha | Computer Networks and Internet Protocol | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 6 | M.Saranya | Introduction to Machine Learning | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 7 | R.Sangeetha | Joy of Computing using Python | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 8 | P.Anitha | Introduction to Machine Learning | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 9 | Dr.G.Madasamy Raja | Image processing | NPTEL | 12 Weeks | Online | Registered and ongoing |

Industrial Projects Details

| S.No | Dept | Date | Title | Organized by | Name of the students |
|------|------|----------------------|--|--------------------|---|
| 1 | IT | 01.02.24 to 15.03.24 | Prediction and analysis of Road safety Management System | Technow Techies | D.Kamatchi Priya D.Baleswaran |
| 2 | IT | 30.01.24 to 31.03.24 | Android App Development-Daily Expenses | EESAN IT Solutions | Raghul.A Bowthika.K |
| 3 | IT | 30.01.24 to 31.03.24 | Employee Time Sheet | EESAN IT Solutions | Gowtham.D Sudhan.B Atchya.M |
| 4 | IT | 30.01.24 to 31.03.24 | Mobile Application for Real Estate | EESAN IT Solutions | S.Selvamani M.Vaseekaran S.Gunaseelan |
| 5 | IT | 30.01.24 to | Web Application | EESAN IT Solutions | S.Sabarie R.Devadharshini |

| | | | | | |
|----|------|----------------------------|--|--|--|
| | | 31.03.24 | Billing system | | S.Bharath Kumar |
| 6 | IT | 03.02.24 to 03.04.24 | Full stack development- 24/7 smart car reselling and purchasing | Techvolt Software PVT LTD | A.Nadanasivam E.Kowshika B.Tharani |
| 7 | IT | 03.02.24 to 03.04.24 | Full Stack Development- E-Garments with reference to textile industries | Techvolt Software PVT LTD | S.Vidyawathi M.Parthiban E.Chandramenan |
| 8 | IT | 03.02.24 to 03.04.24 | Full Stack Development- Automated House leasing and apartment maintanence | Techvolt Software PVT LTD | A.Santhosh kumar P.Jeevanath T.Rajeswaran |
| 9 | Food | 29.01.24 to 15.02.24 | Internship | Aachi Masala Foods Pvt Ltd., | M.S. Arul Jothi T.I.Janane P.Heamshree K.Kanishka |
| 10 | | 01.02.24 to 17.02.24 | | Government Sugar Mill U-II, Kallakurichi | Manisharma. D |
| 11 | | 07.02.24 to 22.02.24 | | M.R.Krishnamuthy Cooperative Sugarmill Ltd., | Aravindhan. K |

Course Training Attended Details

| S.No | Dept | Date | Title | Organized by | Name of the students | Year |
|------|------|--------------------------|----------------------------------|---------------|----------------------|------|
| 1 | IT | Jan '24 to May '24 | Pre Security Learning Path | Try Hack Me | B.Sudhan | IV |
| 2 | IT | 14.02.24 | Basics of java | Coding Ninjas | S.Eswaran | III |

NPTEL Registered Details

| S.No | Dept | Date of exam | Title | Organized by | Name of the students | Year |
|------|------|--------------|----------------------------|--------------|----------------------|------|
| 1 | IT | 23.03.24 | Software Testing | NPTEL | B.Sowmeya | IV |
| 2 | IT | 24.03.23 | Python for Data science | NPTEL | B.Sowmeya | IV |
| 3 | IT | 23.03.24 | Software Testing | NPTEL | E.Jawahar | IV |

| | | | | | | |
|---|----|----------|-------------------------|-------|-------------|----|
| 4 | IT | 23.03.24 | Software Testing | NPTEL | K.Vinothini | IV |
| 5 | IT | 24.03.24 | Python for Data science | NPTEL | K.Vinothini | IV |
| 6 | IT | 23.03.24 | Software Testing | NPTEL | R.Sneha | IV |
| 7 | IT | 24.03.24 | Python for Data science | NPTEL | R.Sneha | IV |
| 8 | IT | 27.04.24 | Programming in Java | NPTEL | A.Naveen | IV |

TQI Activities Details

| S. No. | Dept | Date | Title of Programme | Venue | No of Volunteers participated | Organized by / Guest Speaker Details |
|--------|------------------------------|----------|--|--|-------------------------------|--------------------------------------|
| 1 | Talent Quest for India (TQI) | 17.02.24 | Calendar event celebration & Career Guidance session orientation meeting | Government Higher Secondary School, Namakkal North | 2 | Talent Quest For India (TQI) |

Good things:

Journal Paper published by faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title | Name of the Journal | ISSN Number |
|------|------|----------|--------------------------------|---|---------------------------------------|-------------------------|
| 1 | EEE | 13.02.24 | Dr.G.Balaji Mr.R.Muthukumar | Fabrication of g-C ₃ N ₄ decorated Au/Zn ₃ (PO ₄) ₂ Composites for remarkable H ₂ Production under visible – light irradiation | Diamond & related materials | 0925-9635. |
| 2 | ECE | Feb 2024 | Dr.M.Sudha | Robot-Assisted Cognitive Training for Children with Autism Insights and Outcomes | IEEE Explore (Conference Proceedings) | ISBN: 979-8-3503-4060-0 |
| 3 | ECE | Feb 2024 | Dr.S.Vijayakumar | Enhancing Biomedical Image Interpretation Through a Hybrid Machine Learning Algorithm | IEEE Explore (Conference Proceedings) | ISBN: 979-8-3503-4060-0 |

| | | | | | | |
|---|------|----------|--------------|--|---|----------------------------------|
| 4 | Food | 12.02.24 | Dr.S.Senthil | Cyber security in Medical Devices: Protecting Critical Systems and Patient Data. | Innovation Interconnected: Exploring the frontiers of Computing and Communication Technologies. | 978-81-970102-9-3 (Published) |
|---|------|----------|--------------|--|---|----------------------------------|

Internship Details

| S.No | Dept | Date | Title | Organized by | Name of the students |
|------|------|----------------------|-----------------------|--|----------------------|
| 1 | IT | Jan 2024 to May 2024 | Ninja Leader Position | Coding Ninjas | 1 |
| 2 | IT | 18.01.20 to 18.04.20 | Data Engineer | Eesan IT solution | 1 |
| 3 | IT | 18.01.24 to 18.04.24 | Web development | Eesan IT solution | 4 |
| 6 | IT | 18.01.24 to 18.04.24 | Cloud Computing | Eesan IT solution | 2 |
| 9 | IT | 29.01.24 to April 24 | Associate Trainer | Face Prep (Through Placement Training) | 2 |
| 11 | IT | Feb'24 to April'24 | Associate Trainer | No Broker, Bangalore | 2 |
| 12 | IT | Jan'24 to April'24 | Program Developer | Skill safari | 1 |
| 13 | IT | Jan '24 to April'24 | Data Engineer | EvolveBPM | 1 |
| 15 | IT | Jan'24 to April'24 | Data Engineer | EEsan IT Solutions | 1 |
| 16 | IT | 15.01.24 to 15.02.24 | Python Programming | Codsoft | 1 |
| 17 | EEE | December to February | G.Dhamotharan | NCR Corporation, Chennai. | 10,000/Month |
| 18 | EEE | January to March | K.Vasanthakumar | Modpro Solutions, Chennai | 10,000/Month |
| 19 | CSE | 14.12.23 | Internship | Wesure | 1 |

| | | | | | |
|----|----------|----------------------------|-------------|--|--|
| | | to 16.02.24 | | Insurtech Service Private Limited. Bangalore | |
| 20 | CSE | 14.12.23 to 16.02.24 | | Wesure Insurtech Service Private Limited. Bangalore | 1 |
| 21 | CSE | 27.01.24 | Internshala | Collector Babu Internshala | S.Jeevankumar (Stipend- 10,000/ month) |
| 22 | CSE | 22.01.24 | Internship | Smartificia Technologies Private Limited | 1 |
| 23 | CSE | 22.01.24 | | Coding Raja Technologies | 1 |
| 24 | CSE | 30.01.24 | | Face Prep | K.Srikanth |
| 25 | CSE | 30.01.24 | | Face Prep | Vishwa Teja |
| 26 | CSE | 30.01.24 | | Face Prep | Vagrasri |
| 27 | Chemical | 01.02.24 to 29.02.24 | | PPG Asian paints, Chennai | 16 |
| 28 | Chemical | 01.02.24 to 29.02.24 | | NIT, Trichy | 01 |
| 29 | Chemical | 01.02.24 to 29.02.24 | | Faceprep, Coimbatore | 02 |

Achievement by student details

| S.No | Dept | Name of the Student | Name of the Achievement | Organized by | Date |
|------|------|---------------------|---|---|----------|
| 1 | BME | M.Arivoli | The Complete 2020 Fullstack Web Developer Course | Udemy | 12.02.24 |
| 2 | Food | M. Ponmozhi | TN Skill Level 3 Competition Received Tickets for bootcamp participation | Mr. Udhayanidhi Stalin, Minister for Youth Welfare and Sports Development | 16.02.24 |

PAAVAI ENGINEERING COLLEGE

(Autonomous)

WEEKLY NEWSLETTER: 26.02.2024 to 02.03.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 02.03.2024 regarding,
 - R&D proposals- PRISM,BIRAC, MSME,DRDO & IIC- YUKTI
 - CIIC-Activities
 - Centre of excellence – MoUs
 - International conference ICATS'24
 - AISHE upload

Specific:

Webinar Organized

| S.No | Dept | Date | Title of Program/Webinar | Organized by / Guest Speaker Details |
|------|---------------|----------|---|---|
| 1 | ECE | 27.02.24 | Guest Lecture on “My Story-Motivational Session by an Entrepreneur” | Department of electronics and communication engineering in Association with Institution’s innovation Council (IIC-PEC) & EDC, Institution of Engineers (India), Salem. Resource Person: Mr.R.Shiveram Proprietor Sri Ramachandra Industry Sri Balaji Tabular bags. |
| 2 | IIC&EDC | 26.02.24 | Seminar - Orienting Research To develop Intellectual Property Rights | Dr.SudarKodiVenkatesanHead, Centre for IPR and TTOCrescent Innovation & Incubation Council, CIIC, Chennai |
| 3 | IIC& EDC | 27.02.24 | Orientation Session- Titan Design Impact Movement Idea Harvest 24’ | Mr.K.Karthick Head – Industry 4.0 CIIC,Chennai |
| 4 | IIC& EDC, ECE | 27.02.24 | Guest Lecture My Story -Motivational session by successful entrepreneur. | Mr.R.Shivram Sri Ramachandra Industry Sri Balaji tubular Bags Rasipuram |
| 5 | IIC & IT | 28.02.24 | National Science Day Celebration Activity Theme: Indigeneous Technologies for Viksit Bharath. | Jury Dr.K.Selvi Dean Academics Paavai Engineering College |

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|----|---------------------------------|----------|---|---|
| 6 | IIC,EDC & MBA | 28.02.24 | Webinar “Intellectual Property Rights” | Dr.A.Kanimozhi AP,MBA K.Ramakrishna College of Engineering,Trichy |
| 7 | IIC & Cyber Security & CSE(IoT) | 29.02.24 | Guest Lecture “Converting Innovation to startup” | Mr.S.Vivek CEO, Ozone CyberSecurity, Trichy. |
| 8 | IIC,EDC, Aero | 29.02.24 | Session “Achieving Problem Solution fit and Product Market Fit. | Mr.PrakashKumar Proprietor Propelplast,Coimbatore. |
| 9 | IIC & EDC | 01.03.24 | Orientation cum Mentoring Session under Mentor Mentee Scheme 23-24. (05 Mentee Institutions) | Dr.M.PremKumar Principal & President,IIC Dr.R.MohanaPriya IIC Convener |
| 10 | AERO | 29.02.24 | Achieving problem – solution fit and product-market fit | Mr.R.Prakashkumar, Proprietor, PROPELPLAST, Coimbatore. |

Webinar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|-------|----------------------------|--|--|---|
| 1 | ECE | 26.02.24 to 01.03.24 | Mrs.N.Gangarani Mrs.S.Vijaya | Five days Virtual FDP on Cryptography and Its Application | Mohamed Sathak A.J.College of Engineering |
| 2 | ECE | 26.02.24 | Dr.M.Sudha Dr.S.Vijaya Kumar Dr.R.Mohana Priya | Seminar on Orienting Research to Develop Intellectual Property Rights | Institution’s Innovation Council, EDC Cell in Collaboration with Crescent Innovation Council of Paavai Engineering College. |
| 3 | ECE | 25.02.24 | Mr.D.Satheesh Kumar | Three hours virtual workshop on Build a full Stack Project | NoviTech |
| 4 | Civil | 23.02.24 to 29.02.24 | Prof.K.Sharmiladevi | Recent Advances in Forensic Analysis of Sub Structure and Super Structures | Coimbatore Institute of Technology |
| 5 | | 28.02.24 | Mr.A.Jayapal (Acted as Resource person) | One day Seminar on “National Pollution Control Day” | IIC Cell and Department of ECE Jointly organized, Salem College of Engineering and Technology |

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|---|------|----------------------------|--|---|--|
| 6 | BT | 22.02.24 & 23.02.24 | Dr.C.Nirmala Dr..S.Saranyadevi Ms.M.Muthu mani | National Conference on “Recent Trends in Environmnet, energy and sustainability” | Vivekanandha College of Engineering for Women, Namakkal. |
| 7 | Aero | 19.02.24 to 23.02.24 | Dr.R.Arravind | Cutting-Edge Technologies in Mechanical Engineering | Sri Krishna College of Technology |

Webinar attended by students

| S.No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|------|-----------------|----------------------------|---|---|-----------------------------------|
| 1 | ECE | 29.02.24 | Seminar Session on Achieving Problem- Solution Fit and Product –market Fit | Aeronautical Engineering in association with IIC,EDC of Paavai Engineering College. | 25 |
| 2 | ECE | 29.02.24 to 04.03.24 | Workshop on Nano Science, Material Data Science and Artificial Reshaping | IIT Madras | 10 |
| 3 | ECE | 27.02.24 to 29.02.24 | Advanced Industrial Automation | Kumaraguru College of technology | 7 |
| 4 | CSE | 29.02.24 | Unleashing the wings of innovation: AI for drone dynamics | Vivekanandha College of Engineering for women | 4 |
| 5 | CSE | 01.03.24 to 02.03.24 | IOT | Bannari Amman Institute of Technology | 4 |
| 6 | CSE | 27.02.24 to 29.02.24 | Project Expo | Manakula Vinayagar Institute of Technology | 3 |
| 7 | Civil | 29.02.24 | Workshop on “Graphene based Additive for Construction Applications” | Department of Civil Engineering, PSG College of Technology, Coimbatore - 641004 | 1 |
| 8 | BME & MDE | 23.02.24 to 24.02.24 | National level Technical Symposium | SONA College of Technology | 4 |
| 9 | BME | 29.02.24 | Vivekanandha College of Engineering for Women | A National level Technical Symposium | 5 |

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|----|---------|----------------------|---|---|----|
| | | | Kongunodu College of Engineering & Technology | One Day Workshop | 3 |
| 10 | MDE | | SNS College of Technology | International Conference on Research Trends in semiconductor Design and Artificial Intelligence | 6 |
| 11 | BT | 22.02.24 & 23.02.24 | Vivekanandha College of Engineering for Women, Namakkal | National Conference on “Recent Trends in Environmnet, energy and sustainability | 6 |
| 12 | MCT | 27.02.24 to 29.02.24 | Advanced Industrial Engineering | Kumaraguru College of Technology | 6 |
| 13 | Phar ma | 29.02.24 | Socio Economic Impact On Waste Water Treatment Practices For Sustainable Future | Excel Engineering College | 12 |

Project proposal submitted by faculty members

| S. No | Name of the Faculty with Designation | Dept | Title of the Proposal | Name of the Funding Agency | Submission Date | Status |
|-------|---|------|---|-------------------------------------|-----------------|------------|
| 1 | Mentor : Dr.M.Sudha & S.Gokila M.Devashree | ECE | Smart Sanitary Napkins Dispensing System | TANCAM-Mahendra Engineering College | 29.02.24 | Registered |
| 2 | Mentor : Dr.M.Sudha & S.Sri Sabari G.Sanjai | ECE | Greenhouse Monitoring And Controlling System By Using Android | Titan Design Impact Movement. | 28.02.24 | Registered |
| 3 | Mentor: Mr.S.Vijayakumar & S.Sivamathesh S.Niranjan | ECE | Smart Preventive Insole For Diabetes | Titan Design Impact Movement. | 28.02.24 | Registered |
| 4 | Mentor: Ms.K.Prasanna Mery A.K.Saai Vishvaa K.Santhosh | ECE | Instinctive wall painting bot | Titan Design Impact Movement. | 28.02.24 | Registered |

Conference attended by faculty members and students

| S.No | Dept | Date | Name of the Faculty | Title of Conference | Organized By |
|------|------------|----------------------------|--|---|--|
| 1 | ECE | 28.02.24 to 29.02.24 | Dr.S.Vijaya Kumar & S.Niranjana G.Kannan P.Prasanthkumar | International Conference on Research Trends in Semiconductor Design and Artificial Intelligence(ICSDAI-2024) Title: DT Based Semiconductor design and role of AI in VLSI | SNS College of Technology, Coimbatore |
| 2 | ECE | 23.02.24 to 25.02.24 | Mrs.R.Bhuvaneshwari & S.Livinkumar S.Madhan M.Kamalraj | Second International Conference on integrated circuits and communication system(ICICACS-2024) Title: Hybrid CNN-LSTM Machine Learning Algorithm for Driver Distraction Detection. | Department of ECE, H.K.E.Society's Sir.M.Visvesvaraya College of Engineering,Raichur |
| 3 | ECE | 23.02.24 to 24.02.24 | Dr.R.Mohana Priya | International Conference On Futuristic Trends In Science, Engineering And Management(ICFTSEM) Title: Smart Shopping Trolley with Chatbot. | Department Of Business Administration,St.X avier's College Of Management & Technology Patna, Bihar, India. |
| 4 | ECE | 23.02.24 to 24.02.24 | Mrs.S.Vijaya Ms.K.Prasanna Mery | Second International Conference on integrated circuits and communication system(ICICACS-2024) Title: Enhancing hyperparameter for improved on integrated circuits and communication systems. | Department of ECE, H.K.E.Society's Sir.M.Visvesvaraya College of Engineering,Raichur |
| 5 | MCT | 01.03.24 | Dr.D.R.P Rajarathnam R.Karthick | Latest Research in Design driven innovation and power system | EduCare Taiwan |
| 6 | MCT | 01.03.24 | R.Karthick | Research Methodology & funding Proposals | CARE College of Engineering –Trichy |
| 7 | Pharm a | 21.02.24 to 27.02.24 | M.G.Karthih S.Pragathi Dr.B.Dhevahi | Upskilling faculty development programme Autonomy grant for faculties | Ayya Nadar Janaki Ammal College, Sivakasi |

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| | | | G.Adaikalaselvan | of life sciences organized by cluster department of life science | |
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CERTIFICATION COURSES ATTENDED (January '24 to April'24)

| S.No | Name of the Faculty | Title of Course | Organized by | Duration | Online / Offline | Status |
|------|---------------------|---|--------------|----------|------------------|------------------------|
| 1 | Dr.B.Venkatesan | Introction to IoT | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 2 | B.Deepa | Software Testing | NPTEL | 4 weeks | Online | Registered and ongoing |
| 3 | | Programming in Java | NPTEL | 12 Weeks | Online | |
| 4 | K.Kanimozhi | Introduction to programming in C | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 5 | M.Pushpalatha | Computer Networks and Internet Protocol | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 6 | M.Saranya | Introduction to Machine Learning | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 7 | R.Sangeetha | Joy of Computing using Python | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 8 | P.Anitha | Introduction to Machine Learning | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 9 | Dr.G.Madasamy Raja | Image processing | NPTEL | 12 Weeks | Online | Registered and ongoing |
| 10 | S.Rajesh | Introduction to Machine Leaning | NPTEL | 12 Weeks | Online | Registered and ongoing |

Course training attended by students

| S.No | Dept | Date | Title | Organized by | Name of the students | Year |
|------|------|------------------|----------------------------|--------------|----------------------|------|
| 1 | IT | Jan'24 to May'24 | Pre Security Learning Path | Try Hack Me | B.Sudhan | IV |

Online Course Completed Details – Students

| S.No | Dept | Date | Title | Organized by | Name of the students | Year |
|------|------|----------|--|----------------------------|----------------------|------|
| 1 | IT | Feb 2024 | Front End Development-HTML | Great Learning | Sabarish.S | III |
| 2 | IT | Feb 2024 | Computer Networks Simplified | udemy | C.Pandi | IV |
| 3 | IT | Feb 2024 | Enneagram Leadership Mastery: A Ultimate Guide For Success | | | |
| 4 | IT | Feb'24 | Bootcamp | Interncall | K.Rajesh | II |
| 5 | | | | Master Frontend to Backend | | |

Patent published by faculty members and students

| S.No | Dept | Date | Name of the Faculty Member | Title | Patent Number &Details |
|------|------|----------|--|--|------------------------|
| 1 | MCT | 01.03.24 | Dr.D.R.P Rajarathnam & G.Saran C.Meganathan S.R.NaveenNishannth | Design of a Wireless Charging E-Bunk with an E-Tag Payment Mechanism | 202441015388 |

TQI Activities Details

| S. No. | Department | Date | Title of Programme | Venue | No of Volunteers participated | Organized by / Guest Speaker Details |
|--------|------------------------------|----------|-------------------------|--|-------------------------------|--------------------------------------|
| 1. | Talent Quest for India (TQI) | 28.02.24 | Science day celebration | Government Higher Secondary School, Nallipaliyam, Namakkal | 7 | Talent Quest for India |
| 2. | Talent Quest for India (TQI) | 29.02.24 | Tinkering session | Village panchayat school, Palapalayam | 6 | Talent Quest for India |
| 3. | Talent Quest for India (TQI) | 01.03.24 | Tinkering session | Village panchayat school, Bodinaickenpatti | 4 | Talent Quest for India |

Good things:

1. Dr.B.Venkatesan, HoD/IT, received the “Master Educator in Academic Leadership” award from the Artificial Intelligence Medical & Engineering Researchers (AIMER) Society on March 2, 2024, in Hyderabad. The award was presented to him by Padmasri Dr.B.L. Deekshatulu (Father of Image Processing in India), Padmasri Dr.A.Sai Baba Goud, Padamsri Manjula Anagani, and Dr.Chakrapani Retd, IAS.
2. Three projects from the departments of Food Technology, Mechanical and Agriculture Engineering were selected for the Round 2 of the YUKTI Innovation contest held at Regional meet at Coimbatore, under AICTE, Ministry of Education Cell on 29.02.2024.
3. One project from Chemical Department titled “Preparation of Bioplastic from Sterculia foetida Leaves” has been shortlisted under MSME3.0 Women Hackathon on 29.02.2024 for a funding of 12 lakhs.

Internship Selected

| S.No | Dept | Date | Title of Internship/Name of the company | Organized by | Name of the student (or) count |
|------|------|----------------------|--|--|--------------------------------|
| 1 | ECE | 01.03.24 to 10.06.24 | PCS Indian Pvt Ltd. | Internship With Stipend Rs.15,000 Per Month. | R.Manokaran K.Harikrishnan |
| 2 | CSE | 27.01.24 | Collector Babu (Internshala) | 3 Months (Stipend-10,000/ month) | S.Jeevankumar |
| 3 | CSE | 22.01.24 | Smartificia Technologies Private Limited | Doj: 22.01.24 (3 Months) | T.Guna |
| 4 | CSE | 22.01.24 | Coding Raja Technologies | 2 Months | T.Guna |
| 5 | CSE | 30.01.24 | Face Prep | 3 Months | K.Srikanth |
| 6 | CSE | 30.01.24 | Face Prep | 3 Months | Vishwa Teja |
| 7 | CSE | 30.01.24 | Vagrasri | Face Prep | 3 Months |
| 8 | IT | Jan'24 to May'24 | Ninja Leader Position | Coding Ninjas | S.Vikram raja |
| 9 | IT | 18.01.24 to 18.04.24 | A.Naveen | Data Engineer | Eesan IT solution |
| 10 | IT | 18.01.24 to 18.04.24 | K.Sowmiya B.Priyadharshini G.Dhinesh Kumar | Web development | Eesan IT solution |

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| | | | E.Jawahar | | |
| 11 | IT | 18.01.24 to 18.04.24 | S.Aiswarya S.Vidyawathi | Cloud Computing | Eesan IT solution |
| 12 | IT | 29.01.24 to April '24 | K.Dhivyapriya S.Devadharshini | Associate Trainer | Face Prep (Through Placement Training) |
| 13 | IT | Feb 2024 to April'24 | C.Sneka S.Vikram Raja | Associate Trainer | No Broker, Bangalore |
| 14 | IT | Jan'24 to April'24 | Chandramenan.E | Program Developer | Skill safari |
| 15 | IT | Jan 24 to April'24 | S.Harshini | Data Engineer | EvolveBPM |
| 16 | IT | Jan'24 to April'24 | M.Atchaya | Data Engineer | Eesan IT Solutions |
| 17 | IT | 15.01.24 to 15.02.224 | S.Sabarish | Python Programming | Codsoft |
| 18 | IT | 07.02.24 to 07.05.24 | N.Gopinath | Search Engine Optomization | XcodeFix Technologies |
| 19 | IT | 01.02.24 to 15.03.24 | Prediction and analysation of Road safety Management System | Technow Techies | D.Kamatchi Priya D.Baleswaran |
| 20 | IT | 30.01.24 to 31.03.24 | Android App Development-Daily Expenses | EESAN IT Solutions | Raghul.A Bowthika.K |
| 21 | IT | 30.01.24 to 31.03.24 | Employee Time Sheet | EESAN IT Solutions | Gowtham.D Sudhan.B Atchya.M |
| 22 | IT | 30.01.24 to 31.03.24 | Mobile Application for Real Estate | EESAN IT Solutions | S.Selvamani M.Vaseekaran S.Gunaseelan |
| 23 | IT | 30.01.224 to 31.03.24 | Web Application Billing system | EESAN IT Solutions | S.Sabarie R.Devadharshini S.Bharath Kumar |
| 24 | IT | 03.02.24 to 03.04.24 | Full stack development-24/7 smart car reselling and purchasing | Techvolt Software PVT LTD | A.Nadanasivam E.Kowshika B.Tharani |
| 25 | IT | 03.02.24 to 03.04.24 | Full Stack Development-E- Garments with reference to textile industries | Techvolt Software PVT LTD | S.Vidyawathi M.Parthiban E.Chandramenan |

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|----|----|----------------------------|--|---------------------------------|---|
| 26 | IT | 03.02.24 to 03.04.24 | Full Stack Development- Automated House leasing and apartment maintenance | Techvolt Software PVT LTD | A.Santhosh kumar P.Jeevanath T.Rajeswaran |
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WEEKLY NEWSLETTER: 25.03.2024 to 30.03.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 30.03.2024 regarding,
 - R&D proposals- PRISM,BIRAC, MSME,DRDO & IIC- YUKTI
 - Taiwan Internship & MS admissions.
 - International conference ICATS'24
 - ISRO – Rocketry launch

Specific:

Webinar Organized

| S.No | Dept | Date | Title of the Event | Guest Speaker Details |
|------|------|----------|--|--|
| 1 | BT | 27.03.24 | Exploring Career Pathways : Opportunities in Life Sciences | Dr.Shivakrishna Pabba, Managing Director, Lavin Laboratories, Tarnaka, Secunderabad, Telangana |
| 2 | CYS | 27.03.24 | Building Scalable Web Apps with React | Dr.K .Sathya AP, School of CSE,VIT,Vellore |

Webinar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title of FDP | Organized by |
|------|------|----------------------|--|--|--|
| 1 | Mech | 18.03.24 to 22.03.4 | R.Mohanraj | Energizing Sustainability through Renewable Energy Systems | Swami Keshavanand Institute of Tech, Jaipur, India |
| 2 | MCT | 19.03.24 to 25.03.24 | Dr.D.R.P Rajarathnam Dr.R.T Ajaykarthik R.Arunbabu S.Manikandan C.Vibin Stalin R.Karthick | Python Programming | Star International |
| 3 | | | Dr.D.R.P Rajarathnam Dr.R.T Ajaykarthik R.Arunbabu C.Vibin Stalin | Energizing Sustainability Through Renewable Energy System | Swami Keshavanand institute of Technology, Management-Jaipur |
| 4 | BT | 29.03.24 | Ms.M.Muthu mani | Online Webinar on :Protein Analysis | Learn to Upgrade |
| | | | Dr.K.Kavitha | Online Webinar on : Stem cell and Gene | |

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|----|----------|----------------------|------------------------|---|---|
| | | | | Therapy | |
| 5 | Chemical | 21.02.24 to 27.02.24 | Ms.G.Swathi | National level seven days Upskilling faculty development programme (online mode) | Cluster Department of life science, Ayya Nadar Janaki Ammal college, Sivakasi |
| 6 | Chemical | 05.03.24 | Dr.P.Balagenesh | Webinar on "World Engineering day for Sustainable development" | IEI TLC |
| 7 | Chemical | 06.03.24 | G.Swathi | Webinar on "Advancements in Pharmaceutical Biotechnology: Unveiling the molecular tapestry with PCR and ELISA Techniques" | Paavai College of Pharmacy, Namakkal |
| 8 | CYS | 26.03.24 | Mrs.S.Suganya | Webinar on Entrepreneur & Inventor in EV Technology | GIBS Business School |
| 9 | MBA | 28.03.24 | M.Bharani Eswari | Statistical Package For Social Sciences (SPSS) | Resource persons by VIT VELLORE |
| 10 | | 27.03.24 & 28.03.24 | S.Suryakumar R.Bharath | Additive Manufacturing | VIT VELLORE |

Webinar attended by students

| S. No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|-------|------|---------------------|--|--|---|
| 1 | ECE | 27.03.24 & 28.03.24 | Paper Presentation Title: Cellular Network and Future Development | Hindusthan College of Engineering and Technology, Coimbatore | G.R.Sivaperumal L.Sivasurya S.Tamilarasan |
| | | | Paper Presentation Title: Voice Controlled Home Automation | | S.Vijay B.Sanjay |
| 2 | ECE | 27.03.24 & 28.03.24 | Paper Presentation Title: Smart Car Parking System Using IoT | KPR institution of engineering and technology, Coimbatore | S.Vishnu Prakash S.Sanjay S.Subhash |
| 3 | ECE | 26.03.24 & 27.03.24 | Paper presentation and workshop on air flow detector circuit | Hindustan college of engineering and technology, Coimbatore | M.Kanimolei S.Maheshwari K.Kanisha M.Reshika Nandhini P.Kiruthika V.Manoranjitha |

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|----|-----|----------------------------|---|---|--|
| | | | | | K .Meera G. Nithya sree T. Safrin safana |
| 4 | ECE | 26.03.24 | Paper presentation on Technical optical networking technology | Hindustan college of engineering and technology, Coimbatore | E.vindhiya B. Thrisha K. Swetha |
| 5 | CSE | 30.03.24 & 31.03.24 | AI and WEB Development | IIT Madras | R.Dhivyasree V.Sowmiya S.Swathi |
| 6 | CSE | 27.03.24 & 28.03.24 | Graphic Design and UI/UX Vs AI | KPR Institute of Engineering and Technology | G.Suwathini sree S.Shalini D.Sivaranjani G.Sreemathi B.Meghasyrya P.Nitishkumar J.Pavithran V.Gobikrishna N.Manoj S.Lokesh V.Chandramadhan U.Guna |
| 7 | CSE | 26.03.24 | Self-Balancing Robot | Hindustan College of Technology Coimbatore | K.Rishika M.Shamitha V.M.Srivarshini |
| 8 | CSE | 26.03.24 | WEB Scraping | BannariAmman Institute of Technology Sathyamangalam | P.Nandhini priya K.Pavithra E.Priyadharshini |
| 9 | CSE | 29.03.24 to 31.03.24 | TQI MS TNCDP Annual Meet | Talent Quest for India | K.Lakshmanan S.Aarthi |
| 10 | CSE | 27.03.24 & 28.03.24 | Sharepoint | KPR Institute of Engineering and Technology | V.Gobikrishna N.Manoj S.Lokesh V.Chandramadhan U.Guna |
| 11 | EEE | 26.03.24 & 27.03.24 | Workshop & Seminar | Karpagam College of Technology, Coimbatore. | C.Kiruthiga E.Jayasri V.Monisha |
| 12 | EEE | 27.03.24 | Workshop | Hindusthan College of Engineering and Technology, Coimbatore. | M.S.Padmasharan S.Sasithar T.Sivasakthi R.Nivetha S.Priyadharshini S.Nishanthini M.Lakshmi |
| 13 | EEE | 27.03.24 | Workshop | SSM Institute of | M.Boojith Kishore |

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| | | & 28.03.24 | | Technology, Coimbatore. | K.Sudharsan K.Premnath K.S.Devanand |
| 14 | EEE | | Workshop | KPR Institute of Technology, Coimbatore. | R.Balaji B.Ajay S.Bhuvanraj N.Yasar Arafath P.Harishraj M.Ishaaq |
| 15 | R&A | 26.03.24 to 27.03.24 | National Level Event on Innovate and Recreate (V-Prayukti '24) | Bannari Amman Institute of Technology | A.Adhithya K.Ajay R.Dhurshan D.Pavithran R.Rohith J.Ramaraj |
| 16 | Mech | 27.03.24 to 28.03.24 | Reverse Engineering using 3D Scanning | KPR Institute of Engineering and Technology | M.Sabari Vignesh Nitish kumar Krishna Prasath Jeevabharathi Divakar Gokul Prasath |
| 17 | Mech | 27.03.24 | Industrial Automation | SSM Institute of Engineering and Technology, Dindigul | K.Arjun S.Dhanush B.Naveenkumar M.Mohammed Ashik Ali |
| 18 | BT | 23.03.24 | Paper Presentation (Participated) | Selvam College of Technology , Namakkal. | Kirubasri.P Janisha. S Ishwarya. S Kaviyanjali. T Kavya. S Deepika. S |
| 19 | BT | 26.03.24 | Program on : Intensive voters Awareness Program | Nehru yuva kendra - Namakkal | Santhiya.C |
| 20 | BME | 26.03.24 | Atheenapandian pvt ltd | Rudiments of Biomedical Equipment | Suwathi S Nithiya Priya M Hemalatha T Rasika V Nivetha R Sahaana Shree A Swathi V Tholkappiyaa N C |
| 21 | BME | 27.03.24 to 28.03.24 | KPR Institute of Engineering and Technology | Graphxperience using Labview Workshop | Harish Kowsick R Gowtham Kumar N Thulasinathan S |

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|----|----------|---------------------------|--|--|--|
| | | | | | Balaji D Sridhar A Sathish Kumar M |
| 22 | Chemical | 27.03.24 & 28.03.24 | Workshop on Membrane Separation on waste water treatment | KPR Institute of Engineering and Technology | 3 |
| 23 | | 26.03.24 & 27.03.24 | Baking Technology | Bannari Amman Institute of Technology, Sathyamangalam | 3 |
| 24 | CYS A | 26.03.24 & 27.03.24 | Workshop on Augmented Reality | Bannari Amman Institute of Technology | 6 |
| 25 | CYS A | 26.03.24 & 27.03.24 | Workshop on OWASP-Web Application | KPR Institute of Technology | 1 |
| 26 | | 27.03.24 | Workshop on Ethical Hacking | SSM Institute of Engg and Technology | 2 |
| 27 | | 27.03.24 | Workshop on Embedded Systems and IOT | Hindusthan college of Engg and Technology , Coimbatore | 15 |
| 28 | IOT | 26.03.24 & 27.03.24 | Workshop on OWASP-Web Application | KPR Institute of Engg Technology | 16 |
| 29 | CYS | 29.03.24 | Certification of Cyber security Analyst | Online, Forge | 1 |
| 30 | CYS | 26.03.24 | TQI Ullas Confluence 2024 | PEC | 6 |
| 31 | CYS | 25.03.24 | Certification of Analyst Cyber security Analyst Job Simulation | Online , Forge | 2 |
| 32 | CYS | 25.03.24 | Certification on Time Management | Infosys Spring Board | 3 |

Project proposal submitted by students

| S.No | Dept | Date | Name of the Student(or) count | Title of Conference/Webinar/ Projects/Paper Presentation | Organized By |
|------|------|---------------------------|---|--|---|
| 1 | CSE | 26.03.24 & 27.03.24 | C.Arunkumar V.Akash K.Dhikshanth J.Jeremiah Renswicts | JARVIS (Project Presentation) | BannariAmman Institute of Technology Sathyamangalam |

Project proposal submitted by faculty members

| S.No | Department | Name of the PI | Title of the Project | Agencies |
|------|---------------------------|---------------------|---|--------------------------------|
| 1 | Biomedical Engineering | Dr.D.Murugesan | Creatinine analysis through Urine | Nidhi Prayas – Amritha TBI |
| 2 | Food Technology | S.Gowtham Kumar | Multipurpose Container | Nidhi Prayas – BITS Pilani TBI |
| 3 | Aeronautical Engineering | Dr.R.Arravind | Morphing aerial relief Coaxial Drone with Bio-inspired foldable frame, LiDAR mapping and AI for Agile disaster response | Nidhi Prayas – Amritha TBI |
| 4 | Civil Engineering | Mrs.K.Sharmiladevi | Industrial Waste bricks | Nidhi Prayas |
| 5 | Agricultural Engineering | Dr.A.Vivekanandhini | Onion Sowing Machine | Nidhi Prayas |
| 6 | Pharmaceutical Technology | Dr.R.Praveen Cumar | Poly herbal Eye Drop for Eye discomfort | Nidhi Prayas |
| 7 | - | Dr.M.Prem Kumar | Paavai Bionest Incubation Center | BIRAC - BIONEST |
| 8 | Chemical Engineering | Dr.P.Balaganesh | Startup | Start-up India Seed fund |

Conference/workshop/seminar attended faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title of Conference | Organized by |
|------|------|---------------------|---|--|---|
| 1 | MCT | 22.03.24 & 23.03.24 | Dr.D.R.P Rajarathnam Dr.R.T Ajaykarthik C.Vibin Stalin & M.Senthamil Selvan | Drowsiness Detection in Automotive Vehicle | Annapoorana Engineering College-Salem |
| 2 | MCT | 27.03.24 & 28.03.24 | C.Vibin Stalin | Drowsiness Detection in Automotive Vehicle | International Conference on Multidisciplinary Research & Innovation |
| 3 | MCT | 27.03.24 & 28.03.24 | 4 | Electric & Hybrid Vehicle | KPR institute of Engineering & Technology-Coimbatore. |
| 4 | MCT | 27.03.24 & | 3 | Drowsiness Detection in Automotive Vehicle | Radhakrishna Institute of |

| | | | | | |
|----|-----|----------------------|---|---|--|
| | | 28.03.24 | | | Technology & Engineering- Odisha |
| 5 | BME | 20.03.24 | Mrs S Praveena Dr N Jayanthi Ms. V Ramya | EEG Interface Brain Computing and balancing wheel chair | ICETS'24 – Muthayammal College of Engineering |
| 6 | | 20.03.24 | Selvakumar M Pavithra S Dhejjaswani E Viswa R | EEG Interface Brain Computing and balancing wheel chair | ICETS'24 – Muthayammal College of Engineering |
| 7 | | | Vinotha M Kiruthika P Rugiya A Subhiksha S | Indian Sign Language Recognition using Python Programming | |
| 8 | | | Soundarya S Sowndarya Suvarnalatha V Vajithra C | Neural Network based EEG Analysis for Seizure Prediction in Epilepsy | |
| 9 | | | Sathya A Charumathi Swetha S | Prosthetic Hand based on 3D Printing and Controlled using Flex Sensor | |
| 10 | R&A | 25.03.24 to 26.03.24 | S.Boopathi M.Harish | National Level Techno-Management Festival | Nandha Engineering College |
| 11 | R&A | 28.03.24 To 29.03.24 | S.Vengadesh E.Akash A.Srimanjunath M.Vikash R.Vijayakumar | Technical Paper Presentation (Fricto-Fest) | Coimbatore Institute of Engineering and Technology |

Patent published by faculty members and students

| S.No | Dept | Date | Name of the Faculty Member | Title | Patent Number &Details |
|------|------|------------|--|--|---|
| 1 | MCT | 22.03.24 | Dr.D.R.P Rajarathnam & G.Saran C.Meganathan S.R.Naveen Nishannth | Design of a Wireless Charging E-Bunk With an E-Tag Payment Mechanism | 202441015388 A |
| 2 | BT | March 2024 | Dr.C.Nirmala | Keratinase: A Futuristic Green Catalyst and Potential Applications | Value Added Products From Food Waste Springer, International (Book Chapter) Online ISBN 978-3-031-48143 |

TQI Activities Details

| S. No. | Department | Date | Title of Programme | Venue | No of Volunteers participated | Organized by / Guest Speaker Details |
|---------------|------------------------------|---------------------|---------------------------|--|--------------------------------------|---|
| 1 | Talent Quest for India (TQI) | 28.03.24 | Science in daily life | Model Government Higher Secondary School, Mallur | 4 | Talent Quest for India |
| 2 | Talent Quest for India (TQI) | 29.03.24 & 31.03.24 | TQI MS TNCDP | Intellect Design Arena, Sirucherai, Chennai | 5 | Talent Quest for India |

Good things:

Internship Details

| S.No. | Dept | Date | Name of the Student | Name of the Company | Duration |
|--------------|-------------|---------------------|---|--|---------------------------------|
| 1 | CSE | 27.01.24 | S.Jeevankumar | Collector Babu (Internshala) | 3 Months (Stipend-10,000/month) |
| 2 | CSE | 22.01.24 | T.Guna | Smartificia Technologies Private Limited | Doj: 22.01.24 (3 Months) |
| 3 | CSE | 22.01.24 | T.Guna | Coding Raja Technologies | 2 Months |
| 4 | CSE | 30.01.24 | K.Srikanth | Face Prep | 3 Months |
| 5 | CSE | 30.01.24 | Vishwa Teja | Face Prep | 3 Months |
| 6 | CSE | 30.01.2024 | Vagrasri | Face Prep | 3 Months |
| 7 | EEE | March to June | V.Dhatchanamoorthis | Haritha Techserv Pvt Ltd, Coimbatore. | |
| 8 | MCT | 05.02.24 - 31.07.24 | S.Barath M.Adhithya G.Saran S.Parthiban K.Vijay R.Subramani B.Yogeshwaran Y.Mahi Sudharsan | Aqua Sub Engineering. Coimbatore | 15000-16000 |
| 9 | MCT | 05.02.24 - 31.07.24 | V.Naveen S.Ramachandran | Face Prep-Coimbatore | 30000 |

| | | | | | |
|----|----------|--------------------------|---------------|---------------------------|----------------|
| | | | R.Navanidhan | | |
| 10 | Chemical | 01.03.2024 to 31.03.2024 | 6 | PPG Asian paints, Chennai | 1 Months |
| | | | 01 | NIT, Trichy | 1 Months |
| | | | 02 | SAIL, Salem | 14 days |
| 11 | CYS III | 06.03.24 to 22.03.24 | Sabarishan P | Ozone Cyber Security | 15 Days |
| 12 | CYS III | 06.03.24 to 22.03.24 | Sabhareesh S | Ozone Cyber Security | 15 Days |
| 13 | CYS III | 06.03.24 to 22.03.24 | Madhankumar M | Ozone Cyber Security | 15 Days |
| 14 | CYS III | 06.03.24 to 22.03.24 | Prasanth S | Ozone Cyber Security | 15 Days |
| 15 | CYS III | 06.03.24 to 22.03.24 | Kabilan K | Ozone Cyber Security | 15 Days |

Prize/awards/achievements won by students

| S.No | Dept | Date | Name of the Students or count | Title of Award | Given by |
|------|----------|---------------------|-------------------------------|---|--|
| 1 | ECE | 25.03.24 & 26.03.24 | N.Manikandan | Runner Up on Alumni Trophy(Volleyball) Tournament | SNS College of Engineering, Coimbatore |
| 2 | Chemical | 20.03.24 | Mrs.G.Swathi | Proposal approved for MSME 3.0 and funded Rs.13lakh | Government of India |

PAAVAI ENGINEERING COLLEGE
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WEEKLY NEWSLETTER: 01.04.2024 to 06.04.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 06.04.2024 regarding,
 - R&D proposals- PRISM,BIRAC, MSME,DRDO & IIC- YUKTI
 - CIIC-PIF hackathon
 - IIC events
 - NBA prequalifiers

Specific:

Webinar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|----------|----------------------------|--|--|------------------------------------|
| 1 | ECE | 30.03.24 to 05.04.24 | Mrs.R.Bhuvaneshwari | Attended One Week international Workshop on Technical Writing using LaTeX (online) | VIT-AP University, Andhra Pradesh. |
| 2 | CSE | 02.04.24 | Dr.D.Banumathy Dr.P.Thiyagarajan V.Maheshkumar Dr.A.Jeyamurugan | System and Usable Security | NPTEL |
| 3 | CSE | 04.04.24 | M.Siva Ganesh N.M.K.Ramalingam sakthivelan | Software Testing | NPTEL |
| 4 | EEE | Jan-Feb 2024 | R.Muthukumar | FDP on “Effective Engineering Teaching In Practice” | NPTEL – Swayam |
| 5 | MCT | 05.04.24 | Dr.D.R.P Rajarathnam | Theory & Practice of Non-Destructive Testing | NPTEL |
| 6 | IoT | 05.04.24 | Mrs.S.Suganya | Webinar on Robotics | Pantech Solutions, Chennai |
| | | | | Webinar on Building Brands that STICK | GIBS Business School |
| | | | | International Webinar on “How you can Stand Out: The importance Of Branding”. | SEMS Welfare |
| 7 | Chemical | 23.03.24 | Dr.P.Balaganesh Ms.G.Swathi | Waste to Energy Conversion | NPTEL-AICTE |
| 8 | Aero | 18.03.24 to | P.Prasanna | Engineering Sustainability through Renewable Energy | Swami Keshvanand Institute of |

| | | | | | |
|----|--------|----------------------|---|-------------------------------|--|
| | | 22.03.24 | | Systems | Technology, Jaipur |
| 9 | | Jan 24 – April 24 | Dr.R.Arravind | Business Law for Managers | NPTEL |
| 10 | AIML | 01.04.24 to 05.04.24 | Dr.P Srinivasan R.Gunasekaran S.Vangili A.Rathipriya | Prompt Engineering | Velammal College of Engineering and Technology |
| 11 | MBA | 06.04.24 | S.Suryakumar R.Bharath | Operation workout by students | Salem location |
| 12 | Pharma | 01.04.24 to 05.04.24 | Praveen cumar R | FDP Prompt Engineering | Velammal College of Engineering and Technology |

Webinar attended by students

| S.No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|------|------|---------------------|---|---|---|
| 1 | ECE | 05.04.24 & 06.04.24 | Paper presentation on Electric Vehicle | Bhannari Amman Institute of Technology, Sathyamangalam. | D.Monish |
| | | | Workshop on automotive cyber security & Workshop on ESP32 programming for IoT Application | | P.Nithish Kumar |
| 2 | ECE | 05.04.24 | Global Studies Awareness Programme | Office of Global Affairs Paavai Engineering College | 206 |
| 3 | ECE | 05.04.24 | Paper presentation on Bitcoin | K.Ramakrishnan College of Engineering, Trichy | S.Mathan |
| 4 | ECE | 05.04.24 | Paper presentation on Holography | Vidhyaa Vikas College of Engineering | G.Gokulakrishnan |
| 5 | ECE | 05.04.24 | TQI Celebration | Government Higher secondary school, Ayothiyapattinam. | N.Rathika S.Sivamathesh S.Srisabari P.Aushu Bose |
| 6 | ECE | 05.04.24 | Space Club Activity | Department of Aeronautical Engineering, Paavai engineering college. | T.Jayasuriya R.Magalakshmi A.Narmadhadevi |
| 7 | ECE | 03.04.24 | Workshop on Matlab and its Applications | Mahendra Engineering College, Salem | M.Jothilakshmi V.G.Moulika C.Madhuvarshini |
| 8 | ECE | 02.04.24 | NSS Awareness Programme: General Election To Lok | Paavai Engineering College | 40 |

| | | | | | |
|----|------|----------------------------|--|---|---|
| | | | Sabha 2024 -Sveep Awareness Programme | | |
| 9 | ECE | 01.04.24 | Completed online Certification course on Introduction to SQL | SAGEX | S.Mathan |
| 10 | ECE | 24.03.24 | Completed online Certification course Photoshop - Beginners | EDUCBA | S Mathan |
| 11 | ECE | 01.04.24 to 15.04.24 | Industrial Project on IoT | Ohm Technology Erode | M. Dinesh kumar M. Vikram J. Daniel S. Karthikeyan |
| 12 | CSE | 04.04.24 | Enhancing Cyber Security Through Advanced Deep Learning Models For Detecting Cyber Threats | KPR Institute of Engineering and Technology | P.Tamilan T.Senthamizh selvan R.Sriram C.Mummudiarasan |
| 13 | CSE | 06.04.24 | Handson Workshop in IOT | Hindustan College of Technology Chennai | P.Indhuja T.Ezhilvadhani P.Dhivyashree S.Dhatchinamoorthy A.Gokul |
| 14 | CSE | 05.04.24 | Block Chain Technology | Dhirajlal Gandhi College of Technology | V.M.Varshini S.K.Sonadharshini |
| 15 | CSE | 06.04.24 | A National level student conference INSPIRE' 24 | Excel Engineering College | K.Vishnu R.Sribala S.Sanjai S.Udhayakumar |
| 16 | CSE | 04.04.24 & 05.04.24 | Enhancing Cyber Security Through Advanced Deep Learning Models For Detecting Cyber Threats | KPR Institute of Engineering and Technology | S.Pavithra M.Pooja R.Poornima K.Thanujaa |
| 17 | CSE | 05.04.24 | Generative AI | Dhirajlal Gandhi College of Technology | A.Nandhakumar G.Tamizhanban V.Prasath B.Prem |
| 18 | CSE | 03.04.24 | Cyber Security Tools | Vinayaka Missions Kirupananda Variyar Engineering College | S.Malini P.Manjuladevi P.Naveetha |
| 19 | CSE | 05.04.24 | Programming For IOT Application | Bannari Amman Institute of Technology | T.Nainthiga S.Maanisha Priyadharshini |
| 20 | Mech | 04.04.24 to 05.04.24 | Workshop on EV | Adhiyamaan College of Engineering | J.Hemaharidha K.Abinayasree |

| | | | | | |
|----|-----|----------------------------|--------------------|--|--|
| 21 | S&F | 04.04.24 to 05.04.24 | Workshop on EV | Adhiyamaan College of Engineering | M.Sivamani M.Vinayak R.Rajesh M.Vimalraj R.Ashwin |
| 22 | R&A | 05.04.24 | Workshop | K.Ramakrishna College of Technology, Trichy | L.Deepa E.Samyuktha |
| 23 | S&F | 05.04.24 | Workshop | Jayalakshmi Institute of Technology | P.Ravikumar |
| 24 | EEE | 02.04.24 | Paper Presentation | Kongu Engineering College, Erode. | S.Amudhawan T.Jana V.Veeramani R.Praveenkanth |
| 25 | EEE | 02.04.24 & 03.04.24 | 24 Hours Hackathon | Sri Venkateswara College of Engineering, Chennai. | M.Bharath M.Prasanthkumar M.Akash M.Dinesh |
| 26 | EEE | 03.04.24 | Workshop | Mahendra Engineering College,Namakkal. | A.Priyadharshini R.Gayathri M.Kaliswari S.Sowmiya R.Elakya C.Kiruthika R.Nivetha S.Sivasini S.Nishanthini |
| 27 | EEE | 01.04.24 to 07.04.24 | Seminar | Aarupadai Veedu Institute of Technology,Chennai | T.Ishwariya J.Monisha |
| 28 | | 04.04.24 | Workshop | Mahendra Institute of Technology, Namakkal. | G.Emmanuel E.Arunachalam M.Rajeshkumar S.P.Nishanth aryha |
| 29 | | 05.04.24 | Workshop | Selvam College of Technology, Namakkal. | A.Dhinesh R.Vignesh K.Ragul S.Sanjay |
| 30 | EEE | 05.04.24 | Workshop | Dhirajalal Gandhi College of Technology, Salem. | S.Kalaiyarasan S.Hariharasudhan V.Deepak kumar S.Jeganathan S.Mariyappan N.Jagadheesh A.Sasiprakash K.Sudharsan T.Yuvanesh |

| | | | | | |
|----|--------------|----------------------------|--|---|--|
| | | | | | T.Sivasakthi M.Boojith kishore |
| 31 | EEE | 05.04.24 to 06.04.24 | Seminar & Workshop | Hindusthan College of Technology, Coimbatore. | E.Jayasri V.Monisha |
| 32 | EEE | 04.04.24 | Paper Presentation | Anna University Regional Campus, Trichy. | D.Jeeva G.Madhavan S.Saran D.Muralimanokaran |
| 33 | EEE | 05.04.24 | Workshop | Karpagam College of Engineering, Coimbatore. | S.Sasidhar M.S.Padmasharan |
| 34 | EEE | 05.04.24 | Paper Presentation | Arulmurugan Engineering College, Karur. | D.Nancy M.Gopika N.Kaviya |
| 35 | MCT | 01.04.24 to 05.04.24 | Digital Twin for sustainable energy management system. | Aarupadai Veedu Institute of Technology-Chennai | E.Sivabharathi |
| 36 | MCT | 02.04.24 to 04.04.24 | Emerging Advancement in smart material applications | Excel Engineering college- Komarapalayam | 5 |
| 37 | MCT | 03.04.24 | Awareness programme on Global Studies | Global Affairs | 80 |
| 38 | IoT | 05.04.24 to 06.04.24 | Workshop on Automotive Cyber Security and ESP32 Programming for IoT Application | Bannari Amman Institute of Technology, Erode Dts | Adhithya J Kabilan S K Kalyan S Mohammed Sahul Hameed Rizwan B Naveen S Srinivasan G |
| 39 | IoT | 05.04.24 to 06.04.24 | Workshop on Craftsman Conclave | Central Institue of Petrochemicals Engg & Tech, Chennai | Krithiga D Neaha Shree M J |
| 40 | Chem ical | 03.04.24 | Paper Presentation | JCT College of Engineering and Technology | 16 |
| 41 | Civil | 05.04.24 & 06.04.24 | A National level Technical Symposium, TECHNOVATION 2K24 | Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore | M.J.Logeshwaran K.Yaswanth A.Kuberan M.Raman |
| 42 | | 05.04.24 | One day workshop on “Implementing DGPS over Land Surveying” | Department of Civil Engineering, Dhirajlal Gandhi College of Technology | N.Arunachalam S.Sarankumar T.Raja P.Ranjith |

| | | | | | |
|----|------|---------------------|--|---|--|
| 43 | | 05.04.24 | One day workshop on “Building Information Modelling” | Department of Civil Engineering, PSG College of Technology, Coimbatore. | A.Dhinakaran |
| 44 | BT | 03.04.24 & 04.04.24 | National level Technical Symposium (Paper Presentation Participated and Non-technical event won I st Prize) | JCT College of Engineering and Technology, Coimbatore | Arul. S Neelavathi. R Saranya. M Astalakshmi. C Monisha. R Sethupathy. P |
| | | | National Conference on Biotechnological Advancements for Sustainable Environment 4 th and 5 th April 2024. | Vel Tech High Tech Engineering, Chennai | S.Dinesh Kumar D.Hariharan D.Kannabiran V.Ajay K.Gokulraj C.Santhosh |
| 45 | BME | 04.04.24 | SNS College of Technology | National Level Technical Symposium SCIFARI-2K24 – Paper Presentation | Kiruthik Bala M Viji P Neeraj V M Akash Krishna |
| 46 | AIML | 30.03.24 & 31.03.24 | Artificial intelligence and machine learning with deep learning | IIT Madras | Nandhini .R Sama Anjum.T Dharsan. S Mukesh. S Gugan. M Rakshana. A.K Akshitha. R Lalithambigai. S Cherri Jasnavi |
| 47 | | 05.04.24 & 06.04.24 | Technical quiz and code in python | IRTT GCE Erode | Khasif Khan. C |
| 48 | | 03.04.24 | Cyber Security Tools | Vinayaka Mission Kirupananda Variyar | Gangeri Chaitanya |
| | | 06.04.24 & 07.04.24 | Technical Offline Workshop | IIT Hyderabad | Fahad Mishal. V. A Muhammed Rinshad. K Muhammed Ansil. M.A Muhammed Midlaj. .A Muhammed Ajnas. U. K Niyan Faris |
| 49 | | 05.04.24 | Zerone 2024 | Vellalar College of Engineering | Harish. P |
| 50 | MBA | 01.04.24 & 06.04.24 | Faculty induction program | Smart hall | S.Megalatha A.Velsamy |

| | | | | | |
|----|------------|----------|-------------|---------------------------------------|----------------------------|
| 51 | Pharm a | 05.04.24 | REMERA 2K24 | Hindusthan Institute of Technology | Aswinth Ajay G Ramana M |
|----|------------|----------|-------------|---------------------------------------|----------------------------|

Project proposal submitted by faculty members & students

| S.No | Name of the Faculty with Designation | Dept | Title of the Proposal | Name of the Funding Agency | Submission Date | Status |
|------|---|------|---|--|--------------------|-------------------|
| 1 | Dr.M.Sudha | ECE | Women Safety Using Stun Gun Dress. | SR innovation Exchange(NIDHI- SSS) | 05.04.24 | Idea Submitted |
| 2 | Ms.K.Prasanna Mery | ECE | Optimum hybrid energy system using Microcontrol ler. | | | |
| 3 | S.Priyanka L.Puja Maharana | ECE | An AI integrated app for Down Syndrome individuals | | | |

Funding Proposals Details

| S.No | Date | Name of the faculty | Name of the Funding Agency |
|------|----------|----------------------|----------------------------|
| 1 | 05.04.24 | Dr.D.R.P Rajarathnam | Nidhi-SRIX |
| 2 | | Dr.R.T.Ajaykarthik | |
| 3 | | R.Arunbabu | |
| 4 | | S.Manikandan | |
| 5 | | C.Vibin Stalin | |
| 6 | | R.Karthick | |

Conference attended by faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title of Conference | Organized by |
|------|------|----------|--|--|--|
| 1 | MCT | 03.04.24 | Dr.D.R.P Rajarathnam Dr.R.T.Ajaykarthik R.Arunbabu S.Manikandan C.Vibin Stalin R.Karthick | Awareness programme on Global Studies | Global Affairs |
| 2 | EEE | - | Dr.C.Arulkumar Textural Feature based ANFIS Classifier for | Second International Conference on Advances in Smart | Electronics Programme, School of |

| | | | | | |
|--|--|--|---|---|---|
| | | | Identifying Non-Lesional Focal Cortical Dysplasia | Sensor, Signal Processing and Communication Technology (ICASSCT 2024) | Physical and Applied Sciences, Goa University, Goa, India |
|--|--|--|---|---|---|

Good things:

Internship Details

| S.No | Dept | Date | Name of the Student | Company Name | Stipend |
|------|----------|----------------------|---------------------|--|----------------------------------|
| 1 | EEE | March to June | V.Dhatchanamoorthi | Haritha Techserv Pvt Ltd, Coimbatore. | - |
| 2 | Chemical | 01.03.24 to 31.03.24 | 06 | PPG Asian paints, Chennai | 1 Months |
| 3 | Chemical | 01.03.24 to 31.03.24 | 01 | NIT, Trichy | 1 Months |
| 4 | CSE | 27.01.24 | S.Jeevankumar | Collector Babu (Internshala) | 3 Months (Stipend-10,000/ month) |
| 5 | CSE | 22.01.24 | T.Guna | Smartificia Technologies Private Limited | Doj: 22.01.24 (3 Months) |
| 6 | CSE | 22.01.24 | T.Guna | Coding Raja Technologies | 2 Months |
| 7 | CSE | 30.01.24 | K.Srikanth | Face Prep | 3 Months |
| 8 | CSE | 30.01.24 | Vishwa Teja | Face Prep | 3 Months |
| 9 | CSE | 30.01.24 | Vagrasri | Face Prep | 3 Months |

Journals published by students

| S.No | Dept | Date | Name of the Student | Title | Journal Details |
|------|------|-------|--|--|--|
| 1 | ECE | April | K.Mageshvaran N.Anbarasu B.Chandru | Smart sensor Infrastructure for Environmental air quality monitoring | International Journal of Novel Research and innovative development |

Prize/Awards/won by faculty members and students

| S.No | Dept | Date | Name of the Faculty | Title of Award | Given by |
|------|------|---------------------------------|---------------------|---|--|
| 1 | ECE | Jan to Mar 2024 (8 Week Course) | Mrs.C.Vanaja | Completed NPTEL Online Course on Fundamentals of Electronics materials and Devices. | Indian Institute of Technology Madras(NPTEL) |

| | | | | | |
|---|-----|----------|---|--|--|
| 2 | ECE | 05.04.24 | S.Mathan | Won 1 st place in the event Graphic design | K.Ramakrishnan College of Engineering, Trichy |
| 3 | EEE | 05.04.24 | A.Dhinesh R.Vignesh K.Ragul S.Sanjay | Project Presentation/ IInd Prize | Selvam College of Technology, Namakkal. |
| 4 | EEE | 05.04.24 | D.Nancy M.Gopika N.Kaviya | Paper Presentation/ Ist Prize | Arulmurugan Engineering College, Karur. |

PAAVAI ENGINEERING COLLEGE
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WEEKLY NEWSLETTER: 15.04.2024 to 18.04.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 18.04.2024 regarding,
 - C-Camp proposal
 - SIT – Agri Tech projects
 - NAAC-AQAR submission
 - NBA documentation

Specific:

Webinar Organized

| S.No | Dept | Date | Nature of the Programme (Seminar/ Workshop etc.,) | Guest Speaker Details |
|------|-------|----------|--|--|
| 1 | CSE | 16.04.24 | Project Context | Innovate X'24 |
| 2 | Civil | 16.04.24 | Alumni Guest Lecture on “Innovative Concrete Solutions – Demonstrating Excellence in Concreting and On day Workshop on “BIRLA – CONQUERETE” | Birla Shakti Cements and Department of Civil Engineering jointly with Paavai Civil Engineering Association, Paavai Engineering College, Namakkal (Dt) |
| 3 | MCA | 16.04.24 | Safeguarding Against Digital Threats And Enhancing Digital Wellbeing | Mr. M. Vairamuthu Cyber Security Mentor (Naan Mudhalvan - Tamil Nadu) Times of India Group, Chennai |

Webinar attended by faculty

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|------|----------------------------|--|---|--|
| 1 | ECE | 18.04.24 | Mss.K. Prasanna Merry | Innovation Ambassador Training foundation Level | MoE's Innovation Cell and AICTE |
| 2 | CSE | 15.04.24 to 19.04.24 | Dr.D.Banumathy N.M.K.Ramalingamsakthivelan Dr.P.Thiyagarajan V.Maheshkumar K.Santhanalakshmi | Deep Learning Techniques for Social Media Analytics | Kongu Engineering College |
| 3 | CYS | 15.04.24 to 15.04.24 | Mr.R.Loganathan | STTP on “AI Techniques in Electrical Systems” | Deot of Electrical and Electronics,Bapatla Engg College, |
| 4 | IoT | 15.04.24 to | Ms.S.Suganya | 5 Days Intensive Session on PCB | Pantech Solutions |

| | | | | | |
|---|-----|----------|---|---|----------------------|
| | | 19.04.24 | | Design. | |
| 5 | IoT | 16.04.24 | Ms.S.Suganya | Webinar on “The Art of Story Telling – Confirmation”. | GIBS Business School |
| 6 | MBA | 16.04.24 | Dr.T. Kalaiselvi Dr.K.S.Kavitha Mrs.M. Bharani Eswari | National Education Policy | MBA DEPT |

Webinar attended by students

| S.No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|------|------|----------------------------|--|--|---|
| 1 | ECE | 17.04.24 | M.Nishanth S.Ranjith Kumar L.Sabarinathan R.Sabarinath | Sri Ramakrishna Engineering College, Coimbatore. | Paper presentation |
| 2 | ECE | 15.04.24 to 20.04.24 | Padmapriya K.kaviya Sri P.Parameshwari S.Rithija | NLC India Limited, Neyveli. | Inplant training |
| 3 | ECE | 14.04.24 | S.Mathan | Kaggle | Completed online Certification Course on fundamental python |
| 4 | ECE | 02.04.24- | | Ybi Foundation | Completed online Certification Course on fundamental python programming |
| 5 | EEE | 15.04.24 | A.V.A.Kawin R.Nithish R.Kamesh kumar M.Rajesh kumar G.Harish T.Yuvanesh | State Level Project Presentation | Velammal College of Engineering and Technology, Madurai. |
| 6 | EEE | 15.04.24 & 16.04.24 | R.Sanjew S.Praveen S.Aakash R.Ponnusamy | Hands on Workshop on “Powering IoT using Raspberry Pi and Arduino” | Excel Engineering College,Komarapalayam, Namakkal. |
| 7 | EEE | 17.04.24 | C.Selvam E.Prathap K.Tamilselvan N.Jagadheesh S.Priyadharshini R.Nivetha S.Madhumitha M.Keronisha | Workshop on “Grid connected Photovoltaic Systems” | Selvam College of Technology, Namakkal. |
| 8 | EEE | 16.04.24 | S.Hariharasudhan V.Deepakkumar S.Kalaiyarasan | Paper Presentation | Adithya Institute of Technology, Coimbatore. |

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|----|------|----------------------|--|---|--|
| | | | S.Jeganathan | | |
| 9 | EEE | 17.04.24 | S.Hariharasudhan V.Deepakkumar S.Kalaiyarasan S.Jeganathan | Paper Presentation | Sri Ramakrishna Engineering College, Coimbatore. |
| 10 | R&A | 15.04.24 to 16.04.24 | V.Kanga Srithar, D.Chidambaram, J.Marshall Michael, S.M.Rohith, D.R.Benny Hospan | Symposium – Paper Presentation | Coimbatore Institute of technology, Coimbatore |
| 11 | R&A | 16.04.24 to 17.04.24 | A.Sriman Balaji, K.Salman Faris, R.Harish, P.Aithaf Hussain | Symposium – Paper Presentation | Sri Ramakrishna Engineering College, Coimbatore |
| 12 | Mech | 16.04.24 to 17.04.24 | T.Dharsan, B.manees, G.Iyappan, R.Jagathish, V.Dinesh | Workshop – 3D printing Tech | Arasu Engineering College, Kumbakonam |
| 13 | Mech | 15.04.24 to 16.04.24 | A.Pitchaimani, V.Poovarasana, N.Thirumurugan, V.Thiruselvan | Workshop – Recent trends in Mechanical Sector | Bannari Amman Institute of Technology |
| 14 | R&A | 16.04.24 | L.Deepa, E.Samyuktha | Symposium – Paper Presentation | PPG Institute of technology, Coimbatore |
| 15 | Mech | 16.04.24 to 17.04.24 | M.Hariharan, S.kaviyarasan, S.Abinesh | Workshop – 3D printing Tech | Arasu Engineering College, Kumbakonam |
| 16 | MCT | 14.04.24 | J.Thayanithi | AutoCAD | Learn DELTA |
| | | | | Introduction to Mil & Lathe Operation | Linked In Learning |
| 17 | MCT | 15.04.24-16.04.24 | 8 | Industrial 4.0 | Bannari Amman college of Institutions |
| 18 | AIML | 15.04.24 to 16.04.24 | Jeevanandhan.V Vijay.M Cherri Jasnavi Anish Klinton.P Akash Sri.A Velmurugan.S Vasikaren.V Mugeshwaran.N Santhosh.B.K Sham Sundar M.D | Intellina | Coimbatore Institute of Technology |
| | | | Sham Sundar M.D | Bio Feazt 2k24 | Arasu Engineering College |
| 19 | CYS | 14.04.24 | Kabilan K | Foundations of Cyber Security | Coursera |

| | | | | | |
|----|-----|----------|--|---|---|
| 20 | IoT | 15.04.24 | Ashir Joseph A Sabarinathan R Yuvaraja P | Technical Events & Non – Technical Events | Coimbatore Institute of Technology, Coimbatore |
| 21 | IoT | 15.04.24 | Manoj G Muruganatham B Shyam N Suriya Prakash G | Technical Events & Non – Technical Events | Coimbatore Institute of Technology, Coimbatore |
| 22 | IoT | 16.04.24 | II Yr – IoT (42 Students) | Workshop on Safeguarding against Digital Threats and Enhancing Digital Well Being | Department Of CYS, Paavai Engineering College, Namakkal |

Project proposal submitted by faculty members

| S.No | Name of the Faculty with Designation | Dept | Title of the Proposal | Name of the Funding Agency | Submissi on Date | Status |
|------|--|------|---|----------------------------------|---------------------|-------------------------------|
| 1 | Dr.M.Sudha & S.Priyanka A.Narmadhadevi S.Ranjith Kumar | ECE | Personalised AI solution for down syndrome individual | Amritha Vishwa Vidyapeetham | 15.04.24 | Startup- Idea Submitted |
| 2 | Mr.S.Vijayakumar & S.Rajgowtham C.Sathishkumar T.Jayasuriya | | Evee Makers | | | |
| 3 | Ms.K.Prasanna Mery & Natural Cosmetics and Products | | Natural Cosmetics and Products | | | |
| 4 | Mr.S.Loganathan & S.Priyanka D.Kishore Kumar N.Mathan Kumar | | Mental health care solution | | | |

Conference/workshop/seminar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title of Workshop/FDP | Organized by |
|------|------|----------|-------------------------------|--|----------------|
| 1 | MCT | 11.04.24 | Dr.D.R.P.Rajarathnam | UGC Guidelines for maintenance of standards in autonomous college | ACT Academy |
| 2 | MCT | 16.04.24 | R.Arunbabu | Efficient Project | St. Xavier |

| | | | | | |
|---|-----|----------------------------|--|---|--|
| | | | S.Manikandan S.Manikandan C.Vibin Stalin R.Karthick | Management & Documentation | College of Management & Technology |
| 3 | MCT | 15.04.24 to 19.04.24 | R.Karthick | FDP on AL & ML | Anand International College of Engineering- Jaipur |
| 4 | IoT | 16.04.24 | Ashir Joseph A Sabarinathan R Yuvaraja P M | Paper Presentation: Robotics and its Applications | Coimbatore Institute of Technology, Coimbatore |
| 5 | IoT | 16.04.24 | Manoj G Muruganatham B Shyam N Suriya Prakash G | Paper Presentation: Artificial Intelligence | Coimbatore Institute of Technology, Coimbatore |

Conference/workshop/seminar attended by students

| S.No | Dept. | Date | Title of workshop/confer ence | Organized by | Name of the student (or) count |
|------|-------|---------------------------|-------------------------------------|--|-----------------------------------|
| 1 | MCT | 15.04.24 & 16.04.24 | industrial 4.o | Bannari Amman College of Institutions | 8 |

Value added Course Completion Details

| S.No | Dept | Date | Title | Organized by | Name of the student | Year |
|------|------|----------|--------------------|-----------------------------|---------------------|------|
| 1 | AIML | 15.04.24 | Data Analytics | Jobaaj Learning Cambrige | Muhammad Ajnas | II |
| 2 | AIML | 16.04.24 | Claude AI | Skill Nation | Muhammad Ajnas | II |
| 3 | AIML | 17.04.24 | Product Management | Jobaaj Learning Cambrige | Muhammad Ajnas | II |
| 4 | AIML | 15.04.24 | Data Analytics | Skill Nation | Fahad Mishal.V A | II |
| 5 | AIML | 16.04.24 | Claude AI | Jobaaj Learning Cambrige | Fahad Mishal.V A | II |
| 6 | AIML | 17.04.24 | Product Management | Jobaaj Learning Cambrige | Fahad Mishal.V A | II |

Good things:

Internship Details

| S.No. | Dept | Date | Name of the Student | Name of the Company | Duration |
|-------|----------|---------------|---------------------------------|--|---------------------------------|
| 1 | CSE | 27.01.24 | S.Jeevankumar | Collector Babu (Internshala) | 3 Months (Stipend-10,000/month) |
| 2 | CSE | 22.01.24 | T.Guna | Smartificia Technologies Private Limited | Doj: 22.01.24 (3 Months) |
| 3 | CSE | 22.01.24 | T.Guna | Coding Raja Technologies | 2 Months |
| 4 | CSE | 30.01.24 | K.Srikanth Vishwa Teja Vagrasri | Face Prep | 3 Months |
| 7 | EEE | March to June | V.Dhatchanamoorthis | Haritha Techserv Pvt Ltd, | Coimbatore . |
| 8 | Chemical | 01.04.24 to | 06 | PPG Asian paints, Chennai | 1 Months |
| 9 | | .30.04.24 | 01 | NIT, Trichy | 1 Months |

Prize/Awards won by students

| S.No | Dept | Date | Name of the Student | Title of Award | Given by |
|------|----------|---------------------|---------------------|--|--|
| 1 | Chemical | 24.02.24 & 25.02.24 | U.Nakshatra | Best Paper Award, for the topic of “Unveiling the Efficiency of Cellulose Triacetate Membranes of the Removal of Rhodamine B Dye from wastewater by Photocatalytic Degradation” at International Conference on Sustainable Approach in Desalination, waste, Energy, Environment, and Advanced Materials for water Purification & Annual Congress of InDA | Govr.of Bihar, Department of Science, Technology and Technical Education, Muzaffarpur Institute of Technology, Muzaffarpur |

PAAVAI ENGINEERING COLLEGE
(Autonomous)
WEEKLY NEWSLETTER: 22.04.24 to 27.04.24

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 27.04.2024 regarding,
 - ICATS'24
 - C-Camp proposal
 - SIT – Agri Tech projects
 - NAAC-AQAR submission
 - NBA documentation

Specific:

- Dr.B.Venkatesan, HOD/IT as reviewed a paper in the “International Conference on Computing and Intelligent Information Systems” organized by departments of ISE, CSE, and AIML, BNM Institute of Technology, Bangalore during 19th and 20th April 2024.

Programme Organized

| S.No | Dept | Date | Title of the Programme | Guest Speaker Details |
|------|------|----------|---|--|
| 1 | All | 27.04.24 | International Conference on Adaptive Technologies for Sustainable Growth (ICATS'24) | Thiago Henrique Delima R & D Team Lead, Philips Healthcare, India and Brazil |
| 2 | EEE | 26.04.24 | Webinar on “Advanced Information on Intellectual Property Rights” | Mr.K.Senthil Kumar, Assistant Professor/IT & Training Coordinator, K.S.Rangasamy College of Technology, Namakkal |
| 3 | Mech | 24.04.24 | Safety Techniques and Measures in Production Units | Melan Maxwell, Chief Operation Officer, Euro Gulf - India |

Webinar / FDP attended by faculty members

| S.No | Dept | Date | Name of the Faculty Member / Student | Title of Webinar / FDP / Symposium / Workshop / Course | Organized by |
|------|-------|----------------------------|---|---|---|
| 1 | Civil | 26.4.24 | Mrs.S.Rajeswari | Webinar on 3D Printed Concrete: An Introduction | ICI CBEC |
| 2 | ECE | 27.04.24 | Mr.S.Sathish Mrs.R.Mohana Priya | Attended –NPTEL-Exam | Swayam - NPTEL |
| 3 | ECE | 22.04.24 to 01.05.24 | Dr.S.Vijayakumar Mrs.A.Samundeeswari | FDP on Designing chips with low power artificial intelligence | Dr.M.G.R.Educational And Research Institution |

| | | | | | |
|---|----|----------|-------------------------|--------------------|-------|
| 4 | FT | 27.04.24 | Dr.S.Kailash S.Anita | Cooling Technology | NPTEL |
|---|----|----------|-------------------------|--------------------|-------|

Patent Published by faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title | Patent Number & Details |
|------|------|----------|----------------------------|--|-------------------------|
| 1 | MCA | 12.04.24 | Dr.P.Muthusamy | Smart City Road Surface Defect Detection System using IOT Sensors and Deep Learning | 202441024987 A |
| | | | Dr.V.Annapoorani | | |
| 2 | MCA | 12.04.24 | Dr.P.Muthusamy | Smart Healthcare System for Brain Tumor Detection and Classification using IOT and Deep Learning | 202441024988 A |
| | | | Dr.V.Annapoorani | | |
| 3 | MCA | 12.04.24 | Dr.P.Muthusamy | Secure Data Sharing and Access Control System for IOT Healthcare Devices using Blockchain | 202441024989 A |
| | | | R.Deepika | | |

Event attended by students

| S.No | Dept/Year | Date | Name of the student | Activity | Organized by |
|------|-----------|----------|--|---|--|
| 1 | EEE | 22.04.24 | R.Janani A.Nisha M.Kavipriya N.Pooja S.Nathiya | Project Presentation | Erode Sengunthar Engineering College, Erode. |
| 2 | Mech | 27.04.24 | V.Hari Prasath T.Kirubakaran C.M.Rithikesavan R.Thangamanikandan | Electric Vehicle Simulation and Software Development Navigating Automotive Innovation | Coimbatore Institute of Technology |
| 03 | Pharma | 26.04.24 | Gopinath Gowtham Gugan Raj Ragul Santhosh Kumar Logeshwaran Maheshwaran Saravanakanth Naveen Kumar Gurunath | WorkshopIgnite your thoughts on AI-ML & IIOT | Paavai Engineering College |

Conference attended by faculty members

| S.No | Dept | Date | Name of the Faculty | Title of Conference | Organized By |
|------|------|----------------------------|---|---|---|
| 1 | ECE | 22.04.24 | Mrs.S.Vijaya Mss.K.Prasanna Merry | 2024 international conference on Integrated circuits and Communication Systems(ICICACS) Enhancing Hyperparameters for improved Flight Delay Prediction Using machine Learning Algorithms | Saveetha Engineering college |
| 2 | ECE | 22.04.24 | Mrs.R.Bhuvaneshwari | 2024 international conference on Integrated circuits and Communication Systems (ICICACS). Hybrid CNN-LSTM machine Learning Algorithm for Driver Distraction Detection. | Saveetha Engineering college |
| 3 | ECE | 17.04.24 to 18.04.24 | Dr.M.Sudha | 6 th international conference on Emerging trends in engineering and technology(ICETET) Smart Sanitary Dispensing system | ST.Joseph college of engineering, Chennai |
| 4 | ECE | 12.04.24 & 13.04.24 | Dr.M.Shantha Kumar | 10 th international conference on communication and signal processing-ICCSp-2024 | Adhiparasakthi Engineering college, Melmaruvathur. |

CERTIFICATION COURSES ATTENDED (January '24 to April'24)

| S.No | Name of the Faculty | Title of Course | Organized by | Duration | Online / Offline | Status |
|------|---------------------|----------------------------------|--------------|----------|------------------|-----------|
| 1 | Dr.B.Venkatesan | Introction to IoT | NPTEL | 12 Weeks | Online | Completed |
| 2 | B.Deepa | Software Testing | NPTEL | 23.03.24 | Online Exam | Completed |
| 3 | | Programming in Java | NPTEL | 12 Weeks | Online | Completed |
| 4 | K.Kanimozhi | Introduction to programming in C | NPTEL | 12 Weeks | Online | Completed |
| 5 | M.Pushpalatha | Computer Networks and Internet | NPTEL | 12 Weeks | Online | Completed |

| | | | | | | |
|---|-------------|-------------------------------|-------|----------|--------|-----------|
| | | Protocol | | | | |
| 6 | R.Sangeetha | Joy of Computing using Python | NPTEL | 12 Weeks | Online | Completed |

Training Course Attended Details – Students

| S.No | Dept | Date | Title | Organized by | Name of the students | Year |
|------|------|----------------------|----------------------------|--------------|----------------------|------|
| 1 | IT | Jan 2024 to May 2024 | Pre Security Learning Path | Try Hack Me | B.Sudhan | IV |

NPTEL Registered Details – Students

| S.No | Dept | Date of exam | Title | Organized by | Name of the students | Year | Status |
|------|------|--------------|---------------------|--------------|----------------------|------|------------------------|
| 1 | IT | 27.04.24 | Programming in Java | NPTEL | A.Naveen | IV | Registered and ongoing |
| 2 | IT | 27.04.24 | Programming in Java | NPTEL | D.Gowtham | IV | Registered and ongoing |

TQI Activities Details

| S. No. | Department | Date | Title of Programme | Venue | No of Volunteers participated | Organized by / Guest Speaker Details |
|--------|------------------------------|----------|--------------------|--|-------------------------------|--------------------------------------|
| 1 | Talent Quest for India (TQI) | 23.04.24 | Career Guidance | Bright Hall, Paavai College of Technology. | 64 | Mr.Sudharshan Ramanathan |

Good things:

Publication of Journal/Conference/Book/Patent - Faculty members & students

| S.No | Dept | Title of the Paper | Name of the author's | Name of the Journal/ Conference (Venue) etc., | ISSN/ISBN Number/ Reference No. |
|------|------|---|--|---|---------------------------------|
| 1 | CSE | Enhancing Multi-Class Text Classification in Imbalanced News Data | N.M.K.Ramalingam sakthivelan & A.Arunkumar P.Atthish A.L.Kishore Kumar | International Journal of Novel Research and Development | 2456-4184 |
| 2 | CSE | Deduplication with Double Encryption on Secure Cloud Data Sharing | Dr.A.Jeyamurugan & N.S.Aravinth Raj S.Arulselvar | International Journal of Novel Research and Development | 2456-4184 |

Internship Details

| S.No. | Dept | Date | Name of the Student | Name of the Company | Duration |
|-------|------|-----------------------|---|---|--|
| 1 | CSE | 27.01.24 | S.Jeevankumar | Collector Babu (Internshala) | 3 Months (Stipend-10,000/month) |
| 2 | CSE | 30.01.24 | K.Srikanth | Face Prep | 3 Months |
| 3 | CSE | 30.01.24 | Vishwa Teja | Face Prep | 3 Months |
| 4 | CSE | 30.01.24 | Vagrasri | Face Prep | 3 Months |
| 5 | CSE | 02.05.24 | V.Roshini | ZOHO Corporation | 2 Months |
| 6 | ECE | Jan-April 2024 | Avula Anjaneya Yedav, Mulaka Vishnu Vardhan Reddy, Patan Samdan Basha | Completed Internship on Design of Transmitter and Receiver module | LRDE-DRDO, Bangalore. |
| 7 | IT | 29.01.24 to April'24 | K.Dhivyapriya | Associate Trainer | Face Prep (Through Placement Training) |
| 8 | IT | 29.01.24 to April'24 | S.Devadharshini | Associate Trainer | Face Prep (Through Placement Training) |
| 9 | IT | Feb'24 to April'24 | C.Sneka | Associate Trainer | No Broker, Bangalore |
| 10 | IT | Jan'24 to April'24 | Chandramenan.E | Program Developer | Skill safari |
| 11 | IT | Jan'24 to April'24 | S.Harshini | Data Engineer | EvolveBP M |
| 12 | IT | Jan'24 to April'24 | M.Atchaya | Data Engineer | Eesan IT Solutions |
| 13 | IT | 07.02.24 to 07.05.024 | N.Gopinath | Search Engine Optomization | XcodeFix Technologies |

Prize/awards won by faculty members and students

| S.No | Dept | Date | Name of the students / faculty members | Activity / Prize | Organized by |
|------|------|----------|--|--|---|
| 1 | EEE | 22.04.24 | R.Janani | Project presentation 2 nd prize | Erode Sengunthar Engineering College,Erode. |

| | | | | | |
|---|-------|----------|----------------|---|--|
| 2 | Civil | 25.04.24 | Ms.S.Rajeswari | Reviewer for International Conference on Sustainable Goals in Materials, Energy and Environment | Manglam College of Engineering, Kerala |
|---|-------|----------|----------------|---|--|

PAAVAI ENGINEERING COLLEGE
(Autonomous)

WEEKLY NEWSLETTER: 29.04.2024 to 04.05.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 04.05.2024 regarding,
 - MSME projects
 - ISRO Balloon launch
 - Purdue University online meeting
 - NAAC-AQAR submission
 - NBA documentation

Specific:

Webinar attended by students

| S.No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|------|------|----------------------------|---|--|---|
| 1 | ECE | 30.04.24 | Logo contest | YUKTI and iCube | A.Manthiramoorthy S.Mohan S.Saleem Ulla Khan S.Mathan D.Monish S.Praveen Kumar |
| 2 | CSE | 03.05.24 | Entrepreneurship | Bannari Amman Institute of Technology | 05 |
| 3 | CSE | 22.04.24 to 29.04.24 | GOA T20 Cricket Championship | T20 Cricket Association of GOA | A.Manojkumar |
| 4 | IT | 26.04.24 | AI/ML & IIoT | Crescent Innovation Incubation Council | S.Eswaran |
| 5 | R&A | 04.05.24 | International workshop on Integrated and use of AI in Robotics and Automation | Vellore Institute of Technology | M.A.Artheeswaran M.Hareesh S.Boopathi |
| 6 | R&A | 04.05.24 | PPT – Industrial Robotics and Entertainment Robots | Coimbatore Institute of Technology | C.Akash A.Adhithya S.M.Rohith R.Dhurshan B.Rajkumar |
| 7 | MCT | 04.05.24 | Artificial Intelligence | VIT-Vellore | S.Prem Kumar |
| 8 | BT | 26.03.24 | National level event on BIT V-PRAYUKTI24 on | Bannari Amman Institute of | Harini. R |

| | | | | | |
|---|-----|----------|--------------------|--|--------------------------------|
| | | | Paper presentation | Technology, Erode | |
| 9 | CYS | 04.05.24 | AWS and Docker | Kongu Engineering College, perundurai. | Hariharan R.S Arokiya Raj J |

Project proposal submitted by faculty members

| S.No | Name of the Faculty with Designation | Dept | Title of the Proposal | Name of the Funding Agency | Submission Date | Status |
|------|--------------------------------------|----------|--|---|-----------------|--|
| 1 | Dr.M.Sudha K.Prasanna Mery | ECE | Intelligent Healthcare Systems | Pusa Krishi Incubation UPJA/ARISE - 2024-25 | 30.04.24 | Idea Submitted |
| 2 | Dr. P.Balaganesh Ms.G.Swathi | Chemical | “Manufacturing Bio-Composite Plastic Briquettes: A Sustainable Waste to Energy solution” | NBEC CCamp | 27.04.24 | “Manufacturing Bio-Composite Plastic Briquettes: A Sustainable Waste to Energy solution” |
| 3 | V. Sivabalan Dr.P.Balaganesh | Chemical | “Manufacturing Bio-Composite Plastic Briquettes: A Sustainable Waste to Energy solution” | Pusa Krishi | 24.04.24 | |

Workshop attended by staff

| S.NO | Department | Date | Title of Workshop | Organized by | Name of the staff |
|------|------------|----------|---|--------------|---|
| 1 | MBA | 30.04.24 | Alumni Guest Lecturer Mr. Anish K Chocko, Businessman | Velsamy A | Dr.K.S.Kavitha M. Bharani Eswari |
| 2 | CYS | 02.04.24 | AI Techniques in electrical systems | Loganathan R | Dept of EEE ,Bapatla Engineering College,AP |

Conference Attended by Students

| S.No | Dept | Date | Name of the Students | Title of Conference | Organized By |
|------|------|----------|--|--|--|
| 1 | ECE | 27.04.24 | S.Priyanka L.Puja maharana A.narmaddhadevi S.Ranjith Kumar | Personalized AI Solution for Down Syndrome Individuals | Paavai Engineering College(ICATS-2024) |
| 2 | ECE | 27.04.24 | C.Abinaya N.S.Chandalini M.Devashree | Liquid Intelligence Advancing Water level Detection Using Microcontroller | |
| 3 | ECE | 27.04.24 | S.Lokeshwari P.Priyadharshini S.Rajgowtham T.Jayasuriya | Optical Path Surrogate Modelling for Fog Density Estimation and Image Dehazing | |
| 4 | ECE | 27.04.24 | D.Kayalvarshini D.Lathika S.Saleem ulla khan | Smart Crowd Management in Metro Trains with IR Technology | |
| 5 | ECE | 27.04.24 | R.Arun Kumar V.Balakirshnan V.Jagan | Enhanced Passenger Safety and Comfort in Automated metro Train system | |
| 6 | ECE | 27.04.24 | P.Akashkirshnan R.Rohith S.Somasekara B.Vengadesh | Smart Crop Growth Monitoring on System Adaptively and Edge AI | |
| 7 | ECE | 27.04.24 | R.Anand Deva pavan sai Srinivasan J.Sathyaprakash | Smart Medicine Dispensing System with Integrated QR Code Technology | |
| 8 | Mech | 27.04.24 | Mahendran G Mohammed Nasar.R Saran Raj.T | Design and Development Of An Eco Sustainable Treadmill Bicycle | |
| 9 | Mech | 27.04.24 | Dinesh Kumar S Karthick.R Premnath.L Raguvaran.P | Surface Impact on Hardness Properties of 3D Printing Light Weight PLA | |
| 10 | Mech | 27.04.24 | Aakash S Anbarasan A Gopalakannan M | Battery Management System For Electric Vehicles | |
| 11 | Mech | 27.04.24 | Kodiyarasan.T Rajendra Prasath.V BharaniShakthi Dharan.S Siva Suriya.S | Design and Development of Hand Grain Suction Machine | |
| 12 | Mech | 27.04.24 | Gunasekaran M Karthikeyan K Karthick K Dharun M S | Study of the Mechanical Properties of Copper Graphene Composite | |
| 13 | Mech | 27.04.24 | Akash G Srinath D | Electrochemical Micromaching of Metal | |

| | | | | | |
|----|------|----------|---|--|--|
| | | | Vishu | Matrix Composite For Performance Investigation | |
| 14 | Mech | 27.04.24 | Aakesh Kumar .S Deepesh M Moorthi S Rajkumar K | Self-Electricity Produced by Water Turbine | |
| 15 | Mech | 27.04.24 | Sarathi C Sumith S Thinesh Kumar M Vengatesan R | Design and Development of an Seed Sowing Machine Using IOT | |
| 16 | Mech | 27.04.24 | Parthiban T.A Sarathi S Sivachandiran.C Vetrivel.P | Performance Study on Various Lattice Structures Printed by Fused Deposition Modeling Additive Manufacturing Method | |
| 17 | Mech | 27.04.24 | Manoj.L Santhoshkumar.M.D Dhanush.M Dhanush.S | Active Noise Cancelation in Automative Muffler | |
| 18 | Mech | 27.04.24 | Jaisri A | Study the Effects of Hydroxy (HHO) Gas Addition and Evaluate the Performance and Emissions of Diesel Engine | |
| 19 | Mech | 27.04.24 | Kirankumar M Nishanth R Praveen Kumar S | Investigation of Friction Stir Welding Performance of AISI 304 Stainless steel | |
| 20 | Mech | 27.04.24 | Leo Sonu.I Gokul.V Sundarmani.V Tamizharasu.S | CNC turning centre retrofitting and upgradation | |
| 21 | Mech | 27.04.24 | Raja Murugan.A Tamil Mani.R Yokesh.S Madhankumar.M | Design of multi-Functional Table Saw Machine | |
| 22 | Mech | 27.04.24 | Sathish.V | Unravelling the Aerodynamic Symphony: Simulating Airflow Dynamics in Convergent-Divergent Nozzles | |
| 23 | BME | 27.04.24 | K Gobidha G Abinaya A Jayasri M Sandhiya | Dental prognosis via X-ray Imagery using fuzzy computational methods | |

| | | | | | |
|----|-----|----------|---|--|--|
| | | | K Ajithkumar S Sivamani S Sudeep M Selvakumar | IRIS – Enabled Mobility Wheel Chair Navigation via intraocular lens commend | |
| | | | M Arivoli R Johnsan A Mohammed Sulthan V Rashan kumar | AI Driven Chronic Disease risk assessment and Diagnosis | |
| | | | M Bala R Harish K Jayakrishnan A Mohamed Arshath | Non-Invasive Glucose Monitoring using Acetone Gad | |
| 24 | MDE | | J Janani R Kaviya S Kiruthika V Yuvasri | Ocular Melanoma Identification using deep learning with Python Programming | |
| 25 | | 06.04.24 | V Elavarasan D Maiyalagan R Pichandi | Kongunadu College of Engineering & Technology- ETCAN'24 | |
| 26 | CYS | 29.04.24 | Hansika K Balamurugan S Guru prasath B | ICATS:Application of Cybersecurity in IOT | |
| 27 | | | Kumarjeyanth K Jeevanantham M Nithiyan M Gokul B | Privacy-preserving emergency response system:A unique identifier approach for social media platforms | |
| 28 | | | Ranjith B Madhankumar M Prasanth S Sabhareesh S | An IOT device Compatibility Testing tool | |
| 29 | | | Hariharan S Sabarishan P Salmankhan K Poobalan M | Exploring the evolution & mitigation of Top 10 web application security risks | |
| 30 | | | Samuel R Rohith P Nanthees O.R Lokesh G | An extensive exploration quantum computing | |
| 31 | | | Suryagandhan S.V Vasanthan J Tharunkumar M Nandhakumar K | AI in Cyber security | |
| 32 | | | Monishkhanna R Dharneesh L Praveen Raj E Akchaya B | Data protection using AES with quick response code | |

Good things:

Publication Details (Journal/Conference/Book/Patent) by Faculty members & students

| S.No | Dept | Date | Name of the Faculty | Title | Journal Details |
|------|------|-----------|--|---|--|
| 1 | ECE | Mar -2024 | Dr.M.Sudha | Published a Book on Fundamentals of Deep Learning AN Publications. | ISBN:978-81-970660-5-4 |
| 2 | ECE | 30.04.24 | Dr.M.Sudha & S.Pragathi Ray P.Navise Reniha V.Shanmathi | Women Protection Device using Stun Gun Dress | The International Journal of Novel Research and Development (IJNRD). ISSN NO:2456-4184 Volume 9,Issue 4. |
| 4 | CSE | - | N.M.K.Ramalinga msakthivelan & S.Santhosh V.Vetriselvan K.Vigneshwaran | International Journal of creative research thoughts Shop Locator and Pre-Order Platform Bridging Users and Retailers | 2320-2882 |
| 5 | CSE | - | Dr.P.Thiyagarajan & B.Vasanthan K.Srikanth R.Surya | International Journal of creative research thoughts Banking Chatbot Development Using AI Trained and Featured Dataset | 2320-2882 |
| 6 | IT | 01.05.24 | Dr.G.Madasamy Raja Mrs.B.Deepa | Internet of things Assisted Smart Agriculture Monitoring and Summarization System using NodeMCU and efficient sensor Unit | Scopus https://doi.org/10.1109/ICSSS58085.2023.10408069 |
| 7 | | 01.05.24 | Dr.G.Madasamy Raja & A.Nadanasivam E.Kowshika B.Tharani | Smart Locket for Blind People | IJIRCCE Vol.12 e-ISSN 2320-9801 https://www.ijircce.com/special-issues/ICRDET_2024.php |

Internship Details

| S.No. | Dept | Date | Name of the Student | Name of the Company | Duration |
|-------|------|----------|---------------------|------------------------------|---------------------------------|
| 1 | CSE | 27.01.24 | S.Jeevankumar | Collector Babu (Internshala) | 3 Months (Stipend-10,000/month) |
| 2 | CSE | 30.01.24 | K.Srikanth | Face Prep | 3 Months |

| | | | | | |
|---|-----|----------------------------|---|---------------------------------------|--|
| 3 | CSE | 30.01.24 | Vishwa Teja | Face Prep | 3 Months |
| 4 | CSE | 30.01.24 | Vagrasri | Face Prep | 3 Months |
| 5 | CSE | 02.05.24 | V.Roshini | ZOHO Corporation | 2 Months |
| 6 | MCT | 05.02.24 to 31.07.24 | S.Barath M.Adhithya G.Saran S.Parthiban K.Vijay R.Subramani B.Yogeshwaran Y.Mahi Sudharsan | Aqua Sub Engineering. Coimbatore | 15000-16000 |
| 7 | MCT | 05.07.24 to 31.07.24 | V.Naveen S.Ramachandran R.Navanidhan | Face Prep-Coimbatore | 30000 |
| 8 | ECE | - | S.Madhan | Dev SkillHub Training and consultancy | Completed Internship on Python Programming |

Prize/Awards won by Faculty / Students

| S.No | Dept | Date | Name of the Faculty / Student | Title of Award | Given by |
|------|-------|----------|-------------------------------|---------------------------|--|
| 1 | IT | 03.05.24 | S.Vikram Raja | Best Student Award | ISTE TN |
| 2 | Civil | 03.05.24 | R.Sharumathi | ISTE – Best Student Award | Indian Society for Technical Education – Tamilnadu section |
| 3 | Aero | 28.04.24 | Dr.R.Arravind | Best Faculty Award | Knowledge Research Academy, Coimbatore, Tamilnadu |

PAAVAI ENGINEERING COLLEGE
(Autonomous)

WEEKLY NEWSLETTER: 06.05.2024 to 11.05.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 11.05.2024 regarding,
 - DST NSTMIS PPT
 - CIIC proposals
 - Purdue University online meeting
 - Panther 3D & Juniper networks MoU
 - NBA documentation
 - Internshala co-ordinations meeting.

Specific:

Webinar Organized

| S.No | Dept | Date | Title of Program/Webinar | Organized by / Guest Speaker Details |
|------|------|----------------------------|---|---|
| 1 | ECE | 11.05.24 | National Technology Day- Technological Innovations in Generative AI | Mr.Satheeshkumar Parmasivam Founder & CEO I18n Solutions, Google developer groups, Tensroflow user Group,Salem. |
| 2 | EEE | 10.05.24 | Online Guest Lecture on "Principal global system architect, PV" | Er. Suresh Thangavel Global Application Manager Infineon Technologies AG Warstein, Germany. |
| 3 | MBA | 06.05.24 to 10.05.24 | One Week Online FDP on "Innovative Entrepreneurship and Start-up" | Dr. V. Subburam, Professor, MECH,PEC. Dr.A.G.V. Narayanan Director, Janson's school of Business, Coimbatore Dr.S.C.Vetrivel, Professor, Management Studies, Kongu Engineering College Dr.G.Balamurugan, Professor, Management Studies, Anna University,Trichy Dr.R. Mohanapriya, ASP/ECE, PEC |
| 4 | MBA | 10.05.24 | Workshop on Simulation Games in Business Decisions | Mr.Balamurugan, Regional Sales Head, Cesim Simulation |
| 5 | CYS | 11.05.24 | Recent Trends On Cyber Security Best Practices In AI | Dr.T.Manikandan, Dept Of CSE, Saveetha University, Chennai. |

Webinar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|------|----------------------------|--|--|--|
| 1 | ECE | 06.05.24 to 10.05.24 | Mrs.C.Vanaja Mrs.S.Vijaya Miss.K.Prasanna Mery Mr.S.Vijaymurugan Mrs.R.Bhuvaneshwari | One week FDP on Innovative Entrepreneurship and Startup Ecosystem. | Department of Management Studies, Paavai Engineering College. |
| 2 | ECE | Jan-Apr- | Mrs.C.Vanaja | Completed 12 | NPTEL, |

| | | | | | |
|----|----------|----------------------------|--|---|---|
| | | 2024 | | week NPTEL online Certification Course on Microprocessors and Interfacing. | IIT Guwahati. |
| 3 | ECE | Jan-April-2024 | Dr.R.Mohana Priya Mr.S.Sathish | Completed 12 week NPTEL online Certification Course on Leadership and team Effectiveness. | NPTEL, IIT Roorkee. |
| 4 | ECE | Jan-April-2024 | Dr.R.Mohana Priya Mr.S.Sathish | FDP on Leadership and team Effectiveness (12 week course). | NPTEL, IIT Roorkee. |
| 5 | CSE | 06.05.24 to 10.05.24 | N.M.K.Ramalingamsakthivelan K.Ramanan E.Elanchezhian | Unlocking Potential-Emerging Technologies in Computing Techniques | Dr.M.G.R Educational And Research Institute |
| 6 | IT | 08.05.224 | Dr G.Madasamy Raja | International Conference on Computing and Data Science (ICCDS-2024) | Rajalakshmi Engineering College, Chennai |
| 7 | IT | 8 Weeks | G.Vanmathi | Foundation of Cloud IoT Edge ML | NPTEL |
| 8 | Civil | 30.04.24 to 04.05.24 | Prof.K.Sharmiladevi | Advances in Geotechnical Engineering | Department of Civil Engineering, JUIT, Solan, H.P., India & Indian Geotechnical Society (IGS), Shimla Chapter |
| 9 | | 10.05.24 | Mrs.S.Rajeswari Mrs.B.Karthiga | Scientific Reasons Behind Vasthu in Planning | Department of Civil Engineering, S.A. Engineering College |
| 10 | AERO | Jan-April 24 | Dr.R.Arravind | Product Design and Manufacturing | NPTEL |
| 11 | Chemical | 06.05.24 to 10.05.24 | R.Balasubramani | Innovation Entrepreneurship and Startup Ecosystem | Department of Management Studies, Paavai Engineering College |
| 12 | IoT | 06.05.24 to 10.05.24 | Suganya.S | FDP on “Innovative Entrepreneurship and Start-up”. | Paavai Engineering College, Namakkal |
| 13 | BME | Jan – Apr 2024 | Dr.N.Jayanthi | Control Engineering | NPTEL – AICTE |
| 14 | | 12 week course (Jan – Apr) | D.Murugesan Dr.N.Jayanthi | NPTEL – Elite +Silver NPTEL | NPTEL |
| 15 | CYS | 3 Month | Dr.Loganayagi | FDP On | NPTEL-AICTE |

| | | | | | |
|----|-----|----------------------|---------------|--|---------------------------------|
| | | Course | | Sensors & Actuators | |
| 16 | CYS | 3 Month Course | Dr.Loganayagi | Sensors And Actuators Elite Certificate | NPTEL-AICTE |
| 17 | CYS | 06.05.24 to 10.05.24 | R.Loganathan | FDP On Innovative Entrepreneurship And Startup | PEC, Dept of Management Studies |

Workshop attended by students

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|-------|----------------------|--|--|---|
| 1 | IT | 05.05.24 | G.Muthugowtham | AI | Variablz Academy |
| 2 | Civil | 07.05.24 | S.Vijay S.Harish P.Balaji | Events: Shark Tank and Elevated Viaduct | CIVILISATION'24 by Society of Civil Engineers, Department of Civil Engineering, College of Engineering , Guindy |
| 3 | IoT | 10.05.24 to 11.05.24 | Bharathi Raja K Boopathi G Gokul Krishnan M Harivasan S Muruganantham S Tamilarasam V | Workshop on AI-ML & IIOT | Crescent Innovation and Incubation Council, Chennai |

Project proposal submitted by faculty members

| S.No | Name of the Faculty with Designation | Dept | Title of the Proposal | Name of the Funding Agency | Submission Date | Status |
|------|--------------------------------------|------|--|---|-----------------|--------------------------------------|
| 1 | Dr.R.Mohana Priya (Co-PI) | ECE | Dynamic Topographic through aerial cartography with UAV-LIDAR Advancements | IIT Tirupati Navavishkar I-Hub Foundation (IITTNIIF). | 06.05.24 | Idea Submitted Worth of Rs.23,74,750 |

Conference attended by faculty members

| S.No | Dept | Date | Name of the Faculty | Title of Conference | Organized By |
|------|------|---------------------|---------------------|---|---|
| 1 | ECE | 26.04.24 & 27.04.24 | Dr.M.Sudha | Computing And Data Science(ICCDS-2024) Participated as Reviewer | Rajalakshmi Engineering College, Chennai. |

Internship Details

| S.No | Dept | Date | Title | Organized by | Name of the students | Year |
|------|------|----------------------------|--------------------|--------------|----------------------|------|
| 1 | IT | 10.05.24 to 10.08.24 | Web Development | CodeAlpha | C.Logapriyan | III |

Online course attended by students

| S.No | Dept | Date | Title | Organized by | Name of the students | Year |
|------|------|----------|--|--------------|----------------------|------|
| 1 | IT | 08.05.24 | Data Analytics and Visualization Job Simulation | Forage | G.Udhayamoorthy | III |
| 2 | IT | 09.05.24 | ChatGPT and Generative AI in Business, Management, marketing | Udemy | C.Logapriyan | III |
| 3 | IT | 08.05.24 | UI/UX Design with Figma: 5+ Real world Projects | Udemy | M.Srikanth | III |
| 4 | IT | 07.05.24 | Foundations of User Experience (UX) Design | Google | K.Rajesh | II-B |

YOUTH RED CROSS

| S.no | Depart ment | Date | Title of programme | Venue | No of students participated | Organized by guest speaker details |
|------|-----------------|----------|--|---------------------------------------|-----------------------------|---|
| 1. | Youth Red Cross | 06.05.24 | Epitome Of Science – Srimad Bhagavatam | Pragathi Hall | 900 | Dr.S.Sarath Chandra Kandekar,HOD , Dept of Microbiology, KSRInstitute, Tiruchengodu |
| 2. | Youth Red Cross | 07.05.24 | Anti-Ragging Pledge | Respective Classes of all Departments | 4200 | YRC Volunteers |
| 3. | | 08.05.24 | YRC Orientation Programme | Visvesvaraya Hall | 204 | |
| 4. | | 10.05.24 | Anti-Drug Awarness | Prestige Hall | 295 | Dr.Uvais, MBBS, MD Karur Mind Clinic, Karur |

Good things:

Journal/Conference/Book/Patent Publication by faculty members and students

| S.No | Title of the Paper | Name of the author's | Name of the Journal/Conference (Venue) etc., | International/National | ISSN/ISBN Number/Reference No. |
|------|--|---|---|------------------------|--------------------------------|
| 1 | Parameter Optimized BI-Directional Long Short Term Memory(POBI-LSTM)For ICH Storke Detection and Classification on CT Images | Dr.P.Thiyagarajan | Neural Computing and Applications | International | Submitted |
| 2 | Parameter Optimized BI-Directional Long Short Term Memory(POBI-LSTM)For ICH Storke Detection and Classification on CT Images | M.Sathyasundram | Neural Computing and Applications | International | Submitted |
| 3 | Secure and Preserve Privacy for Consumer and Consumption Data in Advanced Metering Infrastructure | K.Sudha Devi N.Dharani Dharan M.Jagadeesh M.Jeyapandi K.Maiblan | International Journal of Novel Research and Development | International | 2456-4184 |

Patent published by faculty members and students

| S.No | Dept | Date | Name of the Faculty Member | Title | Patent Number &Details |
|------|-------|----------|---|--|---|
| 1 | EEE | 03.05.24 | Dr.A.Rathinam R.Satheeshkumar & V.Dhatchanamoorthis C.Kaviyarasu A.Surendiran | Smart Photovoltaic Driven Purified Water Vending Machine | 202441034087 A |
| 2 | Civil | 10.05.24 | Mrs.S.Rajeswari | Influence of Covid-19 on the Indian Education system | Recent Trends in Arts Science and Humanities – 2024 (RTASH – 2024) – Book Chapter Published by: Association of Global Academician and Researches Publications, Tamilnadu |

PAAVAI ENGINEERING COLLEGE
(Autonomous)

WEEKLY NEWSLETTER: 13.05.2024 to 18.05.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 18.05.2024 regarding,
 - DST NSTMIS PPT
 - CIIC proposals
 - MSME 2.0 project
 - Agri Tech-Hackathon
 - NBA documentation
 - Internshala co-ordinations meeting.

Specific:

Webinar Organized

| S.No | Dept | Date | Title of Program/Webinar | Organized by / Guest Speaker Details |
|------|-------|----------|---|--|
| 1 | ECE | 14.05.24 | One-Day Seminar on Advancement in Semiconductor Fabrication Process | Er.P.R.Sudhakar Associate Director-test Engineering Tessolve Services,Bangalore. Er.V.Sasikumar Managing Director, Mikrosun Technology, Salem. |
| 2 | ECE | 13.05.24 | Alumni Guest Lecture on The surprising truth about you. | Ms.Umameswari Kuppuraju Tech Lead Bosch Global Software Technologies |
| 3 | CSE | 13.05.24 | Technology that Powers ChatGPT (Introduction to LLMs) | Mr.K.R.Srikanth Doss Senior Applied Scientist, Seattle, Washington's |
| 4 | CSE | 14.05.24 | Business Model Canvas (BMC) | Mr.R.Kathirvel Murugan Ai Consultant & Senior Innovation Manager, SALEM CCTV Dot Com |
| 5 | EEE | 18.05.24 | Webinar titled "Navigating the Effectiveness of Outcome-Based Education" | Dr.N.Rajasingam, Associate Professor KPR institute of Engineering and Technology, Coimbatore |
| 6 | Civil | 13.05.24 | Prize Awarding ceremony for the One Day Workshop titled "BIRLA – ConQUerete" Cube Contest | Department of Civil Engineering, Paavai Engineering College (Autonomous) and Paavai Civil Engineering Association, Birla Shakti cements jointly organized |

Webinar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|-------|-------------------------|--|--|--|
| 1 | ECE | Jan-April-2024 | Mrs.S.Vijaya Mrs.N.Gangarani Mrs.R.Bhuvaneshwari Mr.A.Saravanan Dr.M.Santhakumar | 12 week NPTEL online Certification Course on Introduction to Internet of Things. | NPTEL, IIT Kharagpur. |
| 2 | ECE | Jan-April-2024 | Mrs.S.Vijaya Mrs.N.Gangarani Mrs.R.Bhuvaneshwari Mr.A.Saravanan Dr.M.Santhakumar | FDP on Introduction to Internet of Things (12 week course). | NPTEL, IIT Madras. |
| 3 | CSE | 14.05.24 to 18.05.24 | N.M.K.Ramalingamsakthivelan K.Ramanan V.Anitha D.V.Rajkumar K.Santhanalakshmi | AI Insights Predictive power of ML,DL and NLP | Sphoorthy Engineering college |
| 4 | IT | 14.05.2024 to 18.05.024 | Dr.G.Madasamy Raja M.Pushpalatha M.Saranya P.Anitha | AI Insights: Predictive power of ML,DL & NLP | Sphoorthy Engineering College |
| 5 | Mech | 15.05.24 | R.Mohanraj | Lean Start-up and Minimum Viable Product/Business | Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai |
| 6 | EEE | 09.05.24 to 15.05.24 | Mrs.G.Uma maheswari | FIVE DAYS ONLINE MODE STTP “Emerging Trends on Control and Automation at Present Scenario” | Department of Electrical Engineering, Dream Institute of Technology, Kolkatta. |
| 7 | Civil | 13.05.24 & 17.05.24 | Mrs.B.Karthiga | One Week Faculty Development Program on “Environment Impact and its Protection” | Department of Civil Engineering, Haldia Institute of Technology, Haldia |
| 8 | AERO | Jan-April 24 | Dr.R.Arravind | Advanced Robotics | NPTEL |
| 9 | | | Dr.D.Deepak | Heat Transfer | |
| 10 | | | Mr.S.Suthagar | Introduction to Mechanical Micro Machining | |
| 11 | BME | 13.04.24 | Mr.D.Murugesan | Workshop on “Embedded C” | Symsbiosis Institute of Technology |
| 12 | AIML | 16.05.24 | Dr.P.Srinivasan A.Rathipriya R.Gunasekaran S.Vangili | Empower your career journey through the lens of AI/ML with CSC Council | Bitly |

Webinar attended by students

| S.No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|------|------|--------------------------|---|---|--------------------------------|
| 1 | ECE | 16.05.24 | Empower your career Journey Through the Lens of AI/ML with CSC Council. | Paavai Engineering College | 60 |
| 2 | ECE | 14.05.24 | One-Day Seminar on Advancement in Semiconductor Fabrication Process | Department of ECE, Paavai Engineering College. | 200 |
| 3 | ECE | 13.05.24 | Alumni Guest Lecture on The surprising truth about you. | Department of ECE, Paavai Engineering College. | 200 |
| 4 | ECE | Jan-April-2024 | Completed 12 week NPTEL Online Certification Course on Introduction to Internet of Things. | NPTEL, IIT Kharagpur. | 32 |
| 5 | ECE | Jan-April-2024 | Completed 12 week NPTEL Online Certification Course on Introduction to Industry 4.O and Industrial IOT. | NPTEL, IIT Kharagpur. | 32 |
| 6 | ECE | Feb-April-2024 | Completed 8 week NPTEL Online Certification Course on Python for Data Science | NPTEL, IIT Madras | 1 |
| 7 | IT | 16.05.2024 | Empower your career Journey through the lens of AIML | CSC Council elearning | 1 |
| 8 | IT | January' 24 to April '24 | Cloud Computing | Completed with Elite Badge(61 marks) | 1 |
| 9 | Agri | 16.05.24 | " Prototype/Process Design and Development" Dr.K.Karthik Selvakumar* Assistant Professor Department of Green Energy Technology, Pondicherry University, (A Central University Under Ministry of Education) | Department of Mechanical Engineering in association with Institution's Innovation Council (IIC-PEC) | 39 |
| 10 | BT | 10.05.24 to 11.05.24 | Worshop on Biotechnological approaches in Improvisation of value added Products from organic Farming – Clean &Green india mission | Karpaga Vinayaga college of Engineering and Technology, Cheenai. | 6 |
| | | | Workshop on thoughts on AIML and IOT | B.S Cresent Institute of Technology, Chennai | 4 |

Conference attended by faculty members & students

| S.No | Dept | Date | Name of the Students | Title of Conference | Organized By |
|------|------|----------|---|---|--|
| 1 | ECE | 11.05.24 | Mr.S.Satheshkumar & M.Vikram M.Dineshkumar R.Janathiv | AIOT Enabled Floatable Boat for Trash Collecting. | Knowledge Institute of Technology, Salem. |

Good things:

Journals published by faculty members

| S.No | Dept | Date | Name of the Faculty | Title | Journal Details |
|------|------|----------|---------------------|---|--|
| 1 | ECE | 27.02.24 | Dr.S.Vijayakumar | Published a Book Chapter : Book Name: Advanced Technologies for Smart Agriculture. Chapter No: 10 Chapter Name: Decision Making Support in smart farming. | ISBN No: 9781032628745 Imprint: River publishers. |

Internship Details

| S.No. | Dept | Date | Name of the Student | Name of the Company | Duration |
|-------|------|----------|---------------------|---------------------|----------|
| 1 | CSE | 02.05.24 | V.Roshini | ZOHO Corporation | 2 Months |

NPTEL Course Completed by faculty members & students

| S.No | Dept | Name of the Faculty | Course Name | Duration | Status |
|------|------|---------------------|---|-------------------------------|---|
| 1 | IT | Dr.B.Venkatesan | Introduction to IoT | January'24 to April '24 | Completed with Elite+Silver Badge(82 marks) |
| 2 | IT | M.Pushpalatha | Computer Networks and Internet Protocol | January'24 to April '24 | Completed with Elite+Silver Badge(75 marks) |
| 3 | ECE | Jan-Apr-2024 | Mrs.S.Vijaya | Elite with silver -82% | NPTEL, IIT Kharagpur. |
| 4 | ECE | Jan-April-2024 | Mrs.N.Gangarani | Elite with | NPTEL, |

| | | | | | |
|----|-----|----------------|---|------------------------|-----------------------|
| | | | | silver -81% | IIT Kharagpur. |
| 5 | ECE | Jan-April-2024 | Dr.M.Santhakumar | Elite with Silver- 80% | NPTEL, IIT Kharagpur. |
| 6 | ECE | Jan-April-2024 | Mr.A.Saravanan | Elite with Silver- 75% | NPTEL, IIT Kharagpur. |
| 7 | ECE | Jan-April-2024 | Mrs.R.Bhuvaneshwari | Elite with 65% | NPTEL, IIT Kharagpur |
| 8 | ECE | Jan-April-2024 | S.Abishek | Elite with Silver- 82% | NPTEL, IIT Kharagpur |
| 9 | ECE | Jan-April-2024 | H.R.Hari Prakash T.Tamilmani | Elite with Silver-80% | NPTEL, IIT Kharagpur |
| 10 | ECE | Jan-April-2024 | A.K.Saavishva | Elite with Silver-79% | NPTEL, IIT Kharagpur |
| 11 | ECE | Jan-April-2024 | L.Poojamaharani | Elite with Silver-78% | NPTEL, IIT Kharagpur |
| 12 | ECE | Jan-April-2024 | A.I.Mouneeswaran | Elite with Silver- 76% | NPTEL, IIT Kharagpur |
| 13 | ECE | Jan-April-2024 | S.Srinath S.Nithishkumar L.Sabarinathan | Elite with 73% | NPTEL, IIT Kharagpur |
| 14 | ECE | Jan-April-2024 | R.Lalithkumar S.Palanibharathi | Elite with 71% | NPTEL, IIT Kharagpur |
| 15 | ECE | Jan-April-2024 | K.Kathirvel P.Mukesh | Elite with 70% | NPTEL, IIT Kharagpur |
| 16 | ECE | Jan-April-2024 | K.Kalaiyarsan R.kishankumar | Elite with 69% | NPTEL, IIT Kharagpur |
| 17 | ECE | Jan-April-2024 | S.Vasanth S.Ranjithkumar R.Tamilarasan R.Dhinesh | Elite with 68% | NPTEL, IIT Kharagpur |
| 18 | ECE | Jan-April-2024 | V.Narendran D.Jagan K.Sakthi M.Santhoshkumar G.Sanjay | Elite with 67% | NPTEL, IIT Kharagpur |
| 19 | ECE | Jan-April-2024 | P.Yogashree | Elite with 66% | NPTEL, IIT Kharagpur |
| 20 | ECE | Jan-April-2024 | G.Dinesh S.Selvarasu M.Nishanth R.Mahalakshmi R.Sabarinath M.Devashree | Elite with 65% | NPTEL, IIT Kharagpur |
| 21 | ECE | Jan-April-2024 | T.Jayasuriya S.Abdul Munap M.Mahalakshmi | Elite with 64% | NPTEL, IIT Kharagpur |
| 22 | ECE | Jan-April-2024 | K.Mohana D.Kishore kumar | Elite with 63% | NPTEL, IIT Kharagpur |
| 23 | ECE | Jan-April-2024 | N.Mathankumar K.Aakash N.Rathika | Elite with 62% | NPTEL, IIT Kharagpur |

| | | | | | |
|----|-----|----------------|--|-------------------|-------------------------|
| | | | R.Logul | | |
| 24 | ECE | Jan-April-2024 | N.S.Chandalinei P.Varshini | Elite with 61% | NPTEL, IIT Kharagpur |
| 25 | ECE | Jan-April-2024 | K.S.Loshika V.Bhalakirshnan S.Kishore P.Aasha | Elite with 60% | NPTEL, IIT Kharagpur |
| 26 | ECE | Jan-April-2024 | R.Naveena | Elite with 72% | NPTEL, IIT Kharagpur |

PAAVAI ENGINEERING COLLEGE
(Autonomous)

WEEKLY NEWSLETTER: 20.05.2024 to 25.05.2024

Submitted to the Chairman Sir:

General:

- The Principal conducted a meeting with all the HoDs on 25.05.2024 regarding,
 - Aboard studies meeting.
 - MSME 2.0 project
 - Agri Tech-Hackathon
 - NBA documentation
 - Internshala co-ordinations meeting.

Specific:

Webinar Organized

| S.No | Dept | Date | Title of Program/Webinar | Organized by / Guest Speaker Details |
|------|------|----------|--|---|
| 1 | ECE | 24.05.24 | Online Guest Lecture on Front End Fundamentals: Designing Interactive Web Experiences. | Ms.M.Yuvashri M.E., Intern in Yarnscom India Pvt Ltd, Coimbatore. |
| 2 | AERO | 18.05.24 | Online Guest Lecture on “Resurgence of Aircraft Design, Manufacturing and Applications | Mr.S.Gopinathan, Founder and Director, Dileka Aerospace Pvt Ltd and Dileka Innovations, Kamaraj Square, Kotagiri, Nilgris-643217. |
| 3 | AIML | 22.05.24 | Full Stack Engineering and Ways to Grow | Mr.Himanshu Jain Meta,USA |

Webinar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|-------|----------------------|---|---|--|
| 1 | ECE | 24.05.24 | All the faculty members of ECE | Online Guest Lecture on Front End Fundamentals: Designing Interactive Web Experiences | Department of ECE, Paavai Engineering College. |
| 2 | ECE | 20.05.24 to 24.05.24 | Mr.S.Sathish | FDP on Wireless Networking Tools(SEASON-2024) | Kongu Engineering College,Perundurai. |
| 3 | ECE | 19.05.24 | Mr.D.Satheesh Kumar | IoT Web Interface Development | NoviTech R&D Private Limited |
| 4 | Civil | 23.05.24 & 28.05.24 | Mrs.K.Sharmiladevi Mrs.S.Rajeswari Mrs.B.Karthiga | One Week Faculty Development Program on “Geospatial Technology | Department of Civil Engineering, Shri Vishnu Engineering |

| | | | | | |
|---|----------|----------|---------------------------------|--|--|
| | | | | “Empowering Educators: To promote Innovation and Skillset” | College for Women (Autonomous), Andhra Pradesh |
| 5 | AERO | 23.05.24 | D.Rajkumar | Assets, Threats and Vulnerabilities | Coursera |
| 6 | | 24.05.24 | | Tools of the Trade: Linux and SQL | |
| 7 | Chemical | 21.05.24 | Dr.P.Balaganesh | Digital innovation for sustainable development | The Institution of Engineers (India) |
| 8 | FT | 10.05.24 | Mr.Rajaruban.M.D.S Sivasakthi.S | Attended Business Incubation | Periyar University |

Webinar attended by students

| S. No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|-------|------|----------------------|---|--|--------------------------------|
| 1 | ECE | 24.05.24 | Online Guest Lecture on Front End Fundamentals: Designing Interactive Web Experiences | Department of ECE, Paavai Engineering College. | 150 |
| 2 | ECE | 19.05.24 to 21.05.24 | Workshop on Blockchain & Cloud Computing | Way2me | 1 |
| 3 | ECE | Jan-April-2024 | Completed 12 week NPTEL Online Certification Course on Introduction to Internet of Things. | SWAYAM NPTEL (IIT Kharagpur) | 5 |
| 4 | ECE | Jan-April-2024 | Completed 12 week NPTEL Online Certification Course on Introduction to Industrial 4.0 & Internet of Things. | SWAYAM NPTEL (IIT Kharagpur) | 2 |
| 5 | ECE | Feb-April-2024 | Completed 8 week NPTEL Online Certification Course on Foundation of Cloud IoT Edge ML | SWAYAM NPTEL (IIT Kanpur) | 1 |
| 6 | ECE | Jan-April-2024 | Completed 12 week NPTEL Online Certification Course on Psychology of Emotion: Theory and Applications | SWAYAM NPTEL (IIT Guwahati) | 1 |
| 7 | ECE | May-2024 | Awareness workshop on PepSheCo Sales Star Program | PepSheCo | 1 |
| 8 | IT | 23.05.24 | Website Basics: code with HTML, CSS, and Javascript | Coursera | 1 |
| 9 | IT | 19.05.24 to 21.05.24 | Blockchain and cloud computing | Way to me | 3 |

| | | | | | |
|----|-----|----------|------------------------------|----------------------------|----|
| 10 | FT | 10.05.24 | Attended business incubation | Periyar University | 50 |
| 11 | FT | 20.05.24 | Attended a Tamil Patimantram | Paavai Engineering College | 49 |
| 12 | CYS | 20.05.24 | Network Fundamentals-EFHM | Nativeva Learning | 2 |
| 13 | | 24.05.24 | Linux Fundamentals-EFHM | Nativeva Learning | 2 |

NPTEL Course Completed by students

| S.No | Dept | Name of the Student | Course Name | Duration | Status |
|------|------|---------------------|---------------------|-------------------------|--------------------------|
| 1 | IT | Saravanan.S | Programming in Java | January'24 to April '24 | Completed with 58% |
| 2 | IT | Parmugilan.S | Programming in Java | January'24 to April '24 | Completed with 56% |
| 3 | IT | Roshan Zameer.M | Programming in Java | January'24 to April '24 | Completed with 41% |
| | | | | | |
| 4. | IT | Samraj.S | Cloud computing | January'24 to April '24 | Completed with Elite 61% |

Good things:

Prize/Awards/won by faculty members and students

| S.No | Dept | Date | Name of the Students or count | Title of Award | Given by |
|------|------|----------------|-------------------------------|-----------------------|-----------------------------|
| 1 | ECE | Jan-April-2024 | Priyanka S | Elite with Silver-81% | SWAYAM NPTEL (IIT Guwahati) |
| 2 | ECE | Jan-April-2024 | Sneha R | Elite with 70% | NPTEL, IIT Kharagpur |
| 3 | ECE | Jan-April-2024 | Padmapriya B | Elite with 67% | NPTEL, IIT Kharagpur |
| 4 | ECE | Jan-April-2024 | Subashree G | Elite with 66% | NPTEL, IIT Kharagpur |
| 5 | ECE | Jan-April-2024 | Sivasurya L | Elite with 65% | NPTEL, IIT Kharagpur |
| 6 | ECE | Jan-April-2024 | Thamaraiselvi M | Elite with 64% | NPTEL, IIT Kharagpur |
| 7 | FT | 10.05.24 | Dr.Kailesh.S | Cooling Technology | NPTEL |
| 8 | FT | 10.05.24 | Anita.S | Cooling Technology | NPTEL |

Journals published by faculty members and students

| S.No | Dept | Date | Name of the Faculty | Title | Journal Details |
|------|------|----------|--|---|---|
| 1 | ECE | 05.05.24 | Dr.R.Pushpavalli & S.Balaji | Malicious Node Detection | International Journal of Creative Research Thoughts (IJCRT) ISSN NO:2320-2882 Volume 12, Issue 5 |
| 2 | IT | 20.05.24 | Dr.B.Venkatesan Dr.G.Madasamy Raja M.Saranya M.Pushpalatha P.Anitha R.Sangeetha | Eeg-Based Schizophrenia Detection Using Adeep Learning with Cnn-Tcn Model AF JBS (African Journal of Biological Sciences) | https://www.afjbs.com/issue-content/eeg-based-schizophrenia-detection-using-adeep-learning-with-cnn-tcn-model-724 |

PAAVAI ENGINEERING COLLEGE
(Autonomous)

WEEKLY NEWSLETTER: 03.06.2024 to 08.06.2024

General:

- The Principal conducted a meeting with all the HoDs on 08.06.2024 regarding,
 - Internshala
 - IQAC Coordinators responsibility
 - TBI visits
 - NBA documentation
 - IIC - Mentor-Mentee events

Specific:

Webinar / Events Organized

| S.No | Dept | Date | Title of Webinar / Events | Organized by |
|------|--------------|----------|------------------------------------|--|
| 1 | Civil & Agri | 05.06.24 | Recyclables Art & Logo Competition | Department of Civil Engineering & Department of Agricultural Engineering in connection with World Environmental Day, Paavai Engineering College. |

Webinar attended by students

| Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count | Year |
|------|----------|--------------------------------------|-----------------------------|--------------------------------|------|
| ECE | 31.05.24 | Completed one credit course on QGIS. | IIT-Bombay spoken tutorial. | 35 | III |

Webinar / Seminar and FDP attended by faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title of Seminar & FDP | Organized by |
|------|------|----------|----------------------------|--|--------------|
| 1 | AERO | 05.06.24 | Mr.D.Rajkumar | Put zit to Work: Prepare for Cyber security Jobs | Coursera |
| 2 | AERO | 05.06.24 | Mr.D.Rajkumar | Google Cyber security | Coursera |

| | | | | | |
|---|-------|----------------------------|---|---|--|
| 3 | AERO | 27.05.24 to 01.06.24 | Dr.R.Arravind Dr.D.Deepak S.Suthagar K.Gokulnath | FDP-“Industry 5.0 and Smart Manufacturing” | Easwari Engineering College,Chennai-89 |
| 4 | Civil | 08.06.24 | Mrs.K.Sharmiladevi | Funding Opportunities for Academic Institutions for Research and Development | Entrepreneurship Development Cell, Institution’s Innovation Council, Paavai Engineering College |
| 5 | MBA | 04.06.24 & 07.06.24 | Mr.S.Suryakumar | K-CARDS JAM | Class Room |
| 6 | MBA | 05.06.24 | Ms.M.Bharani Eswari | Intellectual Properties Rights And Branding | IWN salem by B.Venkatesan on 11.00 am- 12.30pm |

PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)

WEEKLY NEWSLETTER: 09.06.2024 to 15.06.2024

Placement details

(Attended the drive)

| S. No | Dept (Final Year) | Name of the student (Selected list) | Company name | Salary details | Date (Drive Date) |
|-------|-------------------|--|--------------|----------------|----------------------|
| | | Nil | | | |

Conference attended by faculties details

| S. No | Name | Dept | Title of Conference / Presented Paper Title | Date | Organized by |
|-------|------|------|---|------|--------------|
| | Nil | | | | |

Publication by faculties details

| S.No | Name | Dept | Title of Conference / Presented Paper Title | Date | Organized by |
|------|------------------|------|---|------|--------------|
| 1 | B Niranjana Devi | BME | A Review of Artificial Emotional Intelligence for Human – Computer and Challenges – Book(Chapter 3) | | IGI - Global |

FDP attended by faculties' details

| S.No | Dept | Name of the Faculty | Name of the Organization | Name of the FDP | Date |
|------|------|---------------------|---|--|-------------------------------|
| 1 | BME | R Suganya | SMILE Lab, THRIVE Lab- IIITDM Kancheepuram | Discover the latest Developments and Practices in Wearable Medical Device-Workshop | 03.06.2024 - 05.06.2024 |

| | | | | | |
|---|-----|------------------|-----------------------------------|---|-------------------------------|
| 2 | BME | B Niranjana Devi | Knowledge Institute of Technology | Next-Gen SoC Architectures: Pioneering AI Integration in Signal Processing - National Seminar | 13.06.2024 – 14.06.2024 |
|---|-----|------------------|-----------------------------------|---|-------------------------------|

Guest Lecture organized by Department

| S.No | Department | Title of Guest Lecture (Program) | Date | Organized by |
|------|------------|----------------------------------|------|--------------|
| | | Nil | | |

Achievement by faculties

| S.No | Name | Department | Name of the Achievement | Date | Organized by |
|------|------|------------|-------------------------|------|--------------|
| | Nil | | | | |

Achievement by student details

| S.No | Dept | Name of the Student | Name of the Achievement | Organized by | Date |
|------|------|---------------------|-------------------------|--------------|------|
| | | NIL | | | |

Internship & Workshop attended by students

| S.No | Dept | Name of the students | Name of the Company / Hospital/ College | Name of the Workshop | Date |
|------|------|----------------------|---|----------------------|------|
| | | NIL | | | |

PAAVAI ENGINEERING COLLEGE
(Autonomous)

WEEKLY NEWSLETTER: 18.06.2024 to 22.06.2024

General:

- The Principal conducted a meeting with all the HoDs on 22.06.2024 regarding,
 - Internshala Registration
 - Abroad studies
 - NBA –Pre-Qualifier submission
 - MSME 3.0 submission
 - AICTE –YUKTHI project.

Specific:

Webinar / Events Organized

| S.No | Dept | Date | Title of Program/Webinar | Organized by / Guest Speaker Details |
|------|------|----------|--|--|
| 1 | ECE | 22.06.24 | Online Guest Lecture on “Innovations and advancements in Microprocessors and Microcontrollers” | Dr.M.Pakiasudha Assistant professor, EEE Coimbatore Institute of Technology. |
| 2 | BT | 13.06.24 | Biotech breakthrough : the power of Biosensor | Mr.S.Samraj (Ph.D., IIT- Delhi) Assistant Professor, JCT College of engineering and Technology, Coimbatore. |

Webinar attended by faculty

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|-------|----------|--------------------------------------|---|--|
| 1 | ECE | 21.06.24 | Mrs.R.Bhuvaneshwari | Participated in International Yoga Day | World Record Union, Salem. |
| 2 | ECE | 21.06.24 | Dr.S.Vijayakumar Mrs.S.Vijaya | Registered NPTEL Course Course Name: Introduction to Industry 4.0 and Industrial Internet of Things. | NPTEL SWAYAM |
| 3 | ECE | 21.06.24 | Mr.S.Sathish | Registered NPTEL Course Course Name: Introduction to Internet of Things. | NPTEL SWAYAM |
| 4 | ECE | 17.06.24 | Dr.S.Vijayakumar | Webinar on Guidance for Drafting and Filling Patent | Global Institute of Engineering and Technology, Bangalore. |
| 5 | CSE | 22.06.24 | Dr.D.Banumathy | NPTEL SPOC Workshop | IIT Madras |
| 6 | Civil | 18.06.24 | Mrs.B.Karthiga | Five-Day online Faculty | Department of Civil |

| | | | | | |
|----|--------|----------------|--------------------|--|---|
| | | to 22.06.24 | Mrs.S.Rajeswari | Development Program (FDP) on 2nd series of “Geotechnical Engineering Practices and its Sustainable Development | Engineering, in association with IQAC Cell, Ballari Institute of Technology and Management (An Autonomous Institute Affiliated to VTU), Ballari |
| 7 | Aero | 18.06.24 | Dr.D.Deepak | Mentor Certificate | NPTEL |
| 8 | Pharma | 06.06.24 | Dr.R Praveen Cumar | Documentation control in Pharma Industry | IQVIA |
| 9 | BT | 21.06.24 | Ms.M.Muthu mani | Online Webinar on : Gene Expression analysis using Microarray | Learn to upgrade recognized by DBT India &NSDC |
| 10 | BT | 10.06.24 | Dr.C.Nirmala | Conference on Environmental Pollution and Land restoration | Council for Science and Development and BPT Publications, Dharmapuri |
| 11 | AIML | 19.06.24 | Ms.A.Rathipriya | Guidence for Drafting and Filling patent | Kings Cornerstone international College |

Seminar/webinar and workshop attended by students

| S.No | Dept | Date | Title of Seminar/Webinar/Workshop/Course | Organized by | Name of the student (or) count |
|------|------|----------------------|---|---|---|
| 1 | CSE | 15.06.24 to 17.06.24 | Workshop on Data Science and Data Analytics | Way2me | B.Sabarishbala S.S. Vishnuchandran B.H.Samuel Stephen Raj M.Shajith G.Sujitha G.Sri Harini S.Sakthi Maheswari |
| 2 | CSE | 17.06.24 | Webinar on Unraveling Cyberattacks and Pursuing a Career in Cybersecurity | CSC Council | T.Senthamizh Selvan |
| 3 | BT | 28.05.24 to 30.05.24 | 3 Days Symposium on How to Cell Work as “Simple Chemical Engines” | Amrita Vishwa Vidyapeetham, Coimbatore. | S.Jayasudha S.Swetha G.Boobalan T.Hariharasudhan V.Naveen Raj |

Internship Details

| S.No. | Dept | Date | Name of the Student | Name of the Company | Duration |
|-------|------|----------|---------------------|---------------------|----------|
| 1 | CSE | 02.05.24 | V.Roshini | ZOHO Corporation | 2 Months |

Conference/workshop/seminar attended faculty members and students

| S.No | Dept | Date | Name of the Faculty Member | Title of Workshop/FDP/Webinar | Organized by |
|------|------|---------------------------|----------------------------|---|--|
| 1 | MCT | 17.06.24 | R.Karthick | Guidance for Drafting & Filling Patent | Global Institute of Engineering & Technology-Chennai |
| 2 | MCT | 04.06.24 & 05.06.24 | 5 | Block Chain Based Cyber Security in Defense | Kongu Engineering College-Perundurai |

Good things

Journals published by faculty members

| S.No | Dept | Date | Name of the Faculty | Title | Journal Details |
|------|------|------|---|---|---|
| 1 | ECE | June | Mr.S.Vijay Murugan | Applied a Paper on Bit-Swapping LFSR for SRM Based on Double Deep Q-Learning (DDQN). | 1. International Journal of Electronics. 2. Iranian Journal of Science and Technology, Transactions of Electrical Engineering. |
| 2 | CSE | - | Dr.D.Banumathy V.Maheskumar Dr.P.Thiyagarajan | Rest Rec: Restaurant Recommender System based on Model based collaborative Filtering Approach | International Journal of Intelligent Systems and Applications in Engineering 2147-6799 |

PAAVAI ENGINEERING COLLEGE
(Autonomous)

WEEKLY NEWSLETTER: 24.06.2024 to 29.06.2024

General:

- The Principal conducted a meeting with all the HoDs on 29.06.2024 regarding,
 - Internshala Registration
 - Malaysia Internship
 - NBA –Pre-Qualifier submission
 - DST- Birac presentation
 - IIT- Tirupathi proposal.

Specific:

Webinar Organized

| S.No | Dept | Date | Title of the Event | Guest Speaker Details |
|------|------|----------|---|---|
| 1 | EEE | 26.06.24 | Online Lecture on “An Integrated Approach for EV Traction Motor Design” | Dr.M.Ramkumar Senior specialist, Aetos Design Pvt.Ltd, Bengaluru |
| 2 | MCA | 29.06.24 | Mastering Data Management : A Deep Drive into MySQL and MongoDB | Ms.S.Chitra, Associate Director, Odugaa Tech, Coimbatore |

Webinar attended by students

| S.No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|------|------|----------------------------|---|-----------------------------|--|
| 1 | ECE | 27.06.24 to 12.07.24 | In-plant Training | BSNL | Ishwa.C.M Balasubramaniam.S Abinesh.S |
| 2 | ECE | 28.06.24 | Innovation Project / Project Contest. | Amirta Vishwa Vidhyapeetham | Priyanka.S and team. |
| 3 | ECE | 28.06.24 | Startup (EVEE MAKERS) / Project Contest. | Amirta Vishwa Vidhyapeetham | Rajgowtham.S Sathishkumar Jayasuriya |
| 4 | ECE | 28.06.24 | Innovation Project (Natural Cosmetic Products) / Project Contest. | Amirta Vishwa Vidhyapeetham | Jayasuriya Priyadharshini Rajgowtham.S |

| | | | | | |
|--|-----|----------|------------------------------|--|----|
| | MBA | 27.06.24 | Celebration of MSME Day 2024 | Knowledge Institute of Technology, Salem | 25 |
|--|-----|----------|------------------------------|--|----|

Project proposal submitted by faculty members

| S.No | Name of the Faculty with Designation | Dept | Title of the Proposal | Name of the Funding Agency | Submission Date | Status |
|------|--|------|---|--|-----------------|--|
| 1 | Dr.M.Premkumar (Principal) (PI) Dr.R.Mohana Priya (Co-PI) | ECE | Proposal Dynamic Topographic through aerial cartography with UAV-LIDAR Advancements | IIT Tirupati Navavishkar I-Hub Foundation (IITTNIF). | 06.05.2024 | Selected for phase I Evaluation (27.06.24) |

FDP attended by faculty members

| S.No | Dept | Date | Title | Organized by | Name of the Faculty |
|------|--------|----------------------|--|---|-----------------------------------|
| 1 | IT | 24.06.24 to 29.06.24 | Deep Learning and IOT Driven Smart Applications | MLR Institute of Technology, Hyderabad | Dr.G.Madasamy Raja |
| 2 | IT | 24.06.24 to 28.06.24 | Machine Learning & NLP using Python | Infosys spring Board | B.Deepa |
| 3 | IT | 25.06.24 | Guest Lecture On Titled "Data Structure and Design" | Tagore Institute of Engineering and Technology | Mrs.M.Saranya |
| 4 | Civil | 24.06.24 to 28.06.24 | Vasireddy Venkatadri Institute of Technology, Andhra Pradesh | Five-Day online Faculty Development Program (FDP) on Building Resilient Infrastructures | Mrs.B.Karthiga Mrs.S.Rajeswari |
| 5 | AERO | 24.06.24 | How to Visualize your Data Using Microsoft Powerpoint | Coursera | D.Rajkumar |
| 6 | Pharma | 22.06.24 | One day online faculty | Star International Foundation | Dr.B.Dhevahi |

| | | | | | |
|---|-----|----------|--|----------------------------|----------------|
| | | | development program on AI tools for teaching | for Research and Education | |
| 7 | CSE | 22.06.24 | NPTEL SPOC Workshop | IIT Madras | Dr.D.Banumathy |

Good things:

Internship registered by students

| S.No | Dept | Date | Title of Internship/Name of the company | Organized by | Name of the student (or) count |
|------|------|-----------------------|---|----------------------------------|---|
| 1 | IT | 01.06.24 to 30.06.24 | Campus Ambassador | Skill Intern | Preethi.P |
| 2 | IT | April to June 2024 | AIML Virtual Internship | Eduskills | Preethi.P |
| 3 | IT | 15.05.24 to 31.06.24 | Machine learning | Indian Server | Udhayamoorthy G Dhanush U Dhanush Raj L Sujith E Dharshan Eswaran |
| 4 | IT | 27..06.24 to 12.07.24 | Web development | AastraZen Technologies PvtLtds | Karthika.J |
| 5 | IT | 28.06.24 to 20.07.24 | Fullstack java | Gateway solutions | Poovarasana Ahmed al ameen Gobi Bharath Ganesha Shyamsundar Udhayaganesh |
| 6 | MCT | 05.02.24 to 31.07.24 | Internship | Aqua Sub Engineering. Coimbatore | S.Barath M.Adhithya G.Saran S.Parthiban K.Vijay R.Subramani B.Yogeshwaran Y.Mahi Sudharsan |
| 7 | MCT | 05.07.24 to 31.07.24 | | Face Prep- Coimbatore | V.Naveen S.Ramachandran R.Navanidhan |

Prize/Awards won by faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title of Award | Given by |
|------|------|----------|----------------------------|-----------------------------------|----------|
| 1 | Aero | 24.06.24 | D.Rajkumar | Google Cyber Security Certificate | Google |

Journals published by faculty members

| S.No | Dept | Date | Name of the Faculty Member | Title | Journal Details |
|------|------|----------|---|--|---|
| 1 | MBA | 20.06.24 | Dr.K.S.Kavitha | A Study on Strategies for improving credit health and enhancing awareness of CIBIL scores among bank customers | African Journal of Biological Sciences ISSN: 2663-2187 Volume 6 Issue si2 2024 |
| 2 | CSE | - | Dr.D.Banumathy V.Maheskumar Dr.P.Thiyagarajan | Rest Rec: Restaurant Recommender System based on Model based collaborative Filtering Approach | International Journal of Intelligent Systems and Applications in Engineering 2147-6799 |

PAAVAI ENGINEERING COLLEGE

(Autonomous)

WEEKLY NEWSLETTER: 22.07.2024 to 27.07.2024

General:

- The Principal conducted a meeting with all the HoDs on 27.07.2024 regarding,
 - NAAC AQAR
 - Internship in AIMST, Malaysia
 - NBA documentation
 - Food & Med Tech hackathon
 - IIT- Tirupathi presentation.

Specific:

Webinar Organized

| S.No | Dept | Date | Title of the Event | Guest Speaker Details |
|------|------|----------------------------|--|--|
| 1 | EEE | 22.07.24 to 26.07.24 | Five Days Virtual FDP on “Emerging trends in Advance Power Engineering Applications” | Dr.S.Uma, Anna University, CEG, Chennai. Dr.R.Krishnamoorthy TNEB, Mount Road, Chennai. Mrs.A.M.Chitralegha Engineering Manager (MEP) L & T Ltd, Chennai. Mr.S.Selvakumar M.E Power Projects Chennai. Dr.V.Royana Daisy Assistant Engineer, TNEB, lines, Mettur |

Webinar attended by faculty members

| S.No | Dept | Date | Name of the Faculty Members or count | Title of Webinar | Organized by |
|------|-------|----------|--------------------------------------|---|---|
| 1 | ECE | 23.07.24 | Mr.D.Satheesh Kumar | Online Master Class on Microsoft Copilot | Skill Nation |
| 2 | CSE | 22.07.24 | Dr.D.Banumathy | Academic Leaders Connect-Mongo DB | ICT ACADEMY |
| 3 | Cyber | 24.7.24 | Velumani Jayaraman | “Empowering Embedded systems: Harnessing the power of FreeRTOS for Seamless Real-Time Operating System Integration” | SRM Madurai College For Engineering and Technology. |
| 4 | | 24.7.24 | S.Ramya | NoSQL and MongoDB | Infosys Springboard |
| 5 | | 25.7.24 | Loganadhan.R Poongodi R.K. | Introduction to Mobile Communication and | Alison |

| | | | | | |
|---|--------|----------------------|--------------------|--|------------------------------|
| | | | | Cloud Computing. | |
| 6 | | 25.7.24 | Velumani Jayaraman | Scrum and Agile Framework (FDP) | EC-Council |
| 7 | Pharma | 23.07.24 to 27.07.24 | Ilakya S | Innovative teaching and learning Pedagogy (Workshop) | Research Foundation of India |
| 8 | | 25.07.24 | R Praveen Cumar | Exploring the role of Clinical Pharmacists in the Era of Modern Medicine | Erode College of Pharmacy |

Webinar attended by students

| S.No | Dept | Date | Title of Webinar/Event | Organized by | Name of the student (or) count |
|------|-------|----------|--|--------------|--------------------------------|
| 1 | ECE | 27.07.24 | Registered NPTEL Course on Introduction to Internet of Things -12 Weeks | NPTEL Swayam | 95 |
| 2 | ECE | 26.07.24 | Registered NPTEL Course on Introduction to Industry 4.0 and Industrial Internet of Things - 12 Weeks | | 16 |
| 3 | ECE | | Programming in Java - 12 Weeks | | 1 |
| 4 | ECE | 25.07.24 | Programming, Data Structures and Algorithms using Python - 8 Weeks | | 1 |
| 5 | ECE | | C Programming and Assembly Language-8 Weeks | | 1 |
| 6 | ECE | | Analog Electronics Circuits - 12 Weeks | | 1 |
| 7 | ECE | | 5G Wireless Standards design - 12 Weeks | | 1 |
| 8 | ECE | | Demystifying Networking - 4 Weeks | | 1 |
| 9 | Cyber | 23.07.24 | Marketing | Coincent.ai | 1 |

Project proposal Submitted by faculty members

| S.No | Name of the Faculty with Designation | Dept | Title of the Proposal | Name of the Funding Agency | Submission Date | Status |
|------|---|------|---|--|-----------------|--|
| 1 | Dr.M.Premkumar Dr.R.Mohana Priya Mr.S.Gowtham Kumar | ECE | Proposal Dynamic Topographic through aerial cartography with UAV-LIDAR Advancements | IIT Tirupati Navavishkar I-Hub Foundation (IITTNIF). | 22.07.24 | Completed phase I Evaluation(Su bmitted worth of Rs.23,74,750) |

Good things:

Internship Registered Details

| S.No | Dept | Date | Title of Internship/Name of the company | Organized by | Name of the student (or) count |
|------|-------|----------------------|---|------------------------|---|
| 1 | ECE | July | Registered for Internshala Internship | Internshala | 250 |
| 2 | ECE | July | Selected for Campus Ambassador Internship Program | IITB- E-Cell | E.Vindhiya S.Rajgowtham N.S.Chandhalini |
| 3 | Cyber | 27.06.24 to 26.07.24 | Internship | RedTeam Hacker Academy | Pavinath.E |
| | | | | Ether InfoTech | Dhanush. M, Arun. R, Tharneesh S.R |

Conference attended by faculty members

| S.No | Dept | Date | Name of the Faculty | Title of Conference | Organized By |
|------|------|------|---------------------|---|--|
| 1 | ECE | July | Mrs.N.Gangarani | Integrating Machine Learning for Early Diagnosis and Prognostic Assessment of Retinopathy of Premature Babies | 2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Saveetha Engineering College Electronic ISBN:979-8-3503-8944-9, Print ISBN:979-8-3503-8943-2. |

Journals published by faculty members

| S. No | Dept | Date | Name of the Faculty | Title | Journal Details |
|-------|------|------|--|---|---|
| 1 | ECE | July | Dr.R.Mohana Priya & Dr.M.Shantha Kumar | Internet of Medical Things Leveraging Machine Learning for Remote Health Monitoring | African journal of Biological Sciences. Volume 6, Issue S8, 2024, ISSN: 2663-2187 |