PONJESLY 🎙 SPEAKS

NAAC
GRADE
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| Volume – 01 | Monthly E-NewsLetter | VIssue No-02 |

EDITORIAL

Dear Readers,

Greetings to you all!

Emerging technologies arrest the attention of the entire globe almost every day with radical novelty. They are registering fast growth and creating an impressive impact in the knowledge production processes.They include variety of Technologies such as Artificial intelligence, robotics, biotechnology and so on and so forth.These areas are springing up fast with technical innovations and build up a competitive edge.Young technocrats all over the world explore new areas of innovations adding new designs to the existing technologies. Ponjesly College of Engineering is not an exception to this trend and the young engineering students pursuing different strides of engineering and technology here are exposed to new avenues of emerging technologies.

The pages of **Ponjesly Speaks** stand testimony to the events, activities and seminars bordering on these emerging technologies.The youthful technocrats' exposure to the outside scientific centres through the industrial visits is recorded in right earnest. Browse through the pages and be motivated to have more of immersion into the new technologies.

Let more and more events emerge to adorn the future issues to keep the flag of Ponjesly high.... high.... above.

Wishing you all an experiential reading.

We remain,
Editors.

TEACHER'S DAY
Celebration

Teachers' Day was observed on September 5th in India as a way to honour the contributions that educators have made to society. The students came together to celebrate Teacher's Day with amazing enthusiasm and fervour.

There was a buzz of excitement and thankfulness in the air. Heartfelt remarks, music, and dances were all part of the programme, which was devoted to the committed teachers. Students showed their love and appreciation for their instructors by cake cutting and giving them handcrafted cards and thoughtful gifts. As a result of the gestures, the teachers were overcome with emotion and felt both humbled and pleased.

FIRST YEAR INAUGURATION
Batch 2024-28

The Inaugural Program for the I year students was conducted on 6th September 2024 in which a total strength of 512 students attended along with their parents. With the blessings of the Chairman, Principal, Dean, Vice-Principal and the First Year Coordinator addressed the gathering. Each delivered a message for both the parents and students which were motivating to them.

INDUCTION PROGRAM
For First Year Students

As per the guidance from AICTE, Delhi and Anna Univeristy, Chennai, Induction Programme was conducted for the first year students from 9th to 12th of September, 2024 which was organized by the Department of Humanities and Sciences. A total of 8 resource persons were invited. The program was divided into forenoon and afternoon sessions. A total of 512 students attended the program.

PONJESLY COLLEGE OF ENGINEERING
Nagercoil - 629003

EFFECTIVE COMMUNICATION FOR CAREER DEVELOPMENT
RESOURCE PERSON
Dr. AMAL ERONIMUS J,
Communication Expert,
Training and Placement Cell,Sxcce,
Nagercoil.
DATE: 09-09-2024
Organised By
DEPARTMENT OF HUMANITIES AND SCIENCE

PONJESLY COLLEGE OF ENGINEERING
Nagercoil - 629003

MATHEMATICAL REASONING
RESOURCE PERSON
Dr. C. SEKAR,
Retd. Professor of Mathematics,
Aditanar College of Arts and Science,
Tiruchendur.
DATE: 09-09-2024
Organised By
DEPARTMENT OF HUMANITIES AND SCIENCE

PONJESLY COLLEGE OF ENGINEERING
Nagercoil - 629003

"WINNING EDGE"
A MOTIVATIONAL SEMINAR
RESOURCE PERSON
Mr.M.R. CYRIL XAVIER,
Psychologist/ HRD Trainer,
Former Asst.General Manager-BSNL,
Nagercoil.
DATE: 09,11-09-2024
Organised By
DEPARTMENT OF HUMANITIES AND SCIENCE

PONJESLY COLLEGE OF ENGINEERING
Nagercoil - 629003

HEALTH AND WELLNESS
RESOURCE PERSON
Dr. N. BRIGHT SELVA KUMAR,
Principal,
Christian College of Physical Education,
Nagercoil-3.
DATE: 10-09-2024
Organised By
DEPARTMENT OF HUMANITIES AND SCIENCE

PONJESLY COLLEGE OF ENGINEERING
Nagercoil - 629003

INNOVATION AND THE ROLE OF ENGINEERS
RESOURCE PERSON
Dr. G. ARUL JERALD PRAKASH,
Planetarium and Science Centre Professional,
Former Director,
Kerala State Science and Technology Museum and Planetarium,
Trivandrum.
DATE: 10-09-2024
Organised By
DEPARTMENT OF HUMANITIES AND SCIENCE

PONJESLY COLLEGE OF ENGINEERING
Nagercoil - 629003

MOTIVATION FOR MATHEMATICS
RESOURCE PERSON
Dr. J. ROBERT VICTOR EDWARD,
Professor, Department of Mathematics,
Former Principal, Scott Christian College (Autonomous),
Nagercoil.
DATE: 11,12-09-2024
Organised By
DEPARTMENT OF HUMANITIES AND SCIENCE

PONJESLY COLLEGE OF ENGINEERING
Nagercoil - 629003

SEE YOU AT THE TOP (C^U)
RESOURCE PERSON
Dr. B. SAVIOUR DHAS,
Director,Malankara School of Commerce,
Maria Giri
DATE: 11-09-2024
Organised By
DEPARTMENT OF HUMANITIES AND SCIENCE

PONJESLY COLLEGE OF ENGINEERING
Nagercoil - 629003

READING, WRITING AND PUBLIC SPEAKING SKILLS
RESOURCE PERSON
Dr. R.DAVID RAJA BOSE,
Professor,Department of English,
Noorul Islam Centre for Higher Education.
DATE: 12-09-2024
Organised By
DEPARTMENT OF HUMANITIES AND SCIENCE

Prof. Shabu John, MBA addressed the students on "**The importance of being focused**"

Prominent figures from a range of organizations and interests came to speak to the students, sharing life lessons and insights on the value of education for a brighter future.

Ponjesly College of Engineering celebrated **Onam** amidst much fanfare involving students and staff in the college premises. The CSE department organized interdepartmental **Athapookalam competition** on 13.09.2024 to celebrate this traditional festival and foster a sense of community among students and faculty. Participants from different departments enthusiastically embraced the spirit of Onam, decorating the venue with colorful flowers that highlighted the rich heritage of Kerala.

In addition to fostering creativity and teamwork, the competition gave everyone a chance to understand the festival's significance. All things considered, the event was a huge success, forging happy memories and cementing ties among our students.

VIBRANT ONAM
Celebration

Kanniyakumari, Tamil Nadu, India
Ponjesly College of Engineering, Nagercoil
Lat 8.207588°
Long 77.398872°
13/09/24 01:48 PM GMT +05:30

WINNERS	MEN	WOMEN
I	ECE	IT & CSE
II	EEE & IT	CIVIL & MBA
III	CIVIL & CSE	AI&DS

FACULTY
Development Programme

The CSE Department recently conducted a **Faculty Development Program (FDP)** on **AWS Cloud Practitioner** from 09/09/24 to 13/09/24 for our college faculty members from different disciplines and educators from other colleges. The program aimed to enhance understanding of cloud computing fundamentals and provide practical skills in using AWS services.

It featured engaging sessions led by industry expert **Mr.Ashu Dev** from ICT Academy covering essential topics such as cloud architecture, security, and deployment strategies.

21 Participants took part in hands-on labs, allowing them to apply what they learned in real-world scenarios and they were issued certificates from AWS. This collaborative environment fostered discussions on integrating cloud technology into the academic programme, benefiting both faculty and students. Overall, the FDP was a great success, equipping educators with valuable insights to enhance their teaching and prepare students for future careers in technology.

WORKSHOP
By the Department of IT

The Department of Information Technology organized a one-day workshop titled "***Designing Your Future for Entrepreneurial Success: UI/UX Strategies for Launch, Growth and Scale***" conducted by **Mrs. Dhanya, Feather Softwares, Nagercoil** on 06.09.2024.

Third Year and Final Year IT Students participated in this workshop. The workshop aimed to create effective digital products and enhance entrepreneurial success. UI focuses on the look and feel of a product when interacting with it.
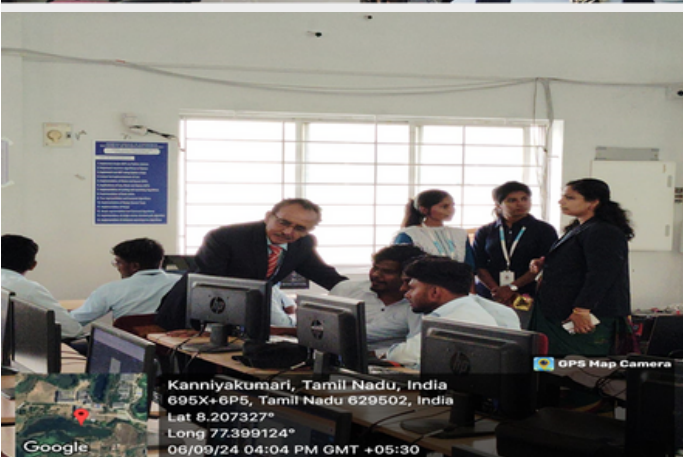
Department of ECE organized statue making competition on 06.09.2024. Students of various departments actively participated and made **Lord Vinayagar statue by carving vegetables**. **Estina Satheesh, Devika D and Benolin Jose from III CSE** won First Prize. Second Prize was shared by two batches (**Nadhana, Navitha and Pranisha Devi from II ECE**; **Ramya, Murugavalli R and Sajitha S from II ECE**). **Jenica Judith Y, Arthi C A and Manimala M** won third prize.

SEMINAR
In the dept. of ECE

Department of Electronics and Communication Engineering organized a seminar on **"IOT Mobile Device Management"** on 11.09.2024. This seminar has given an insight to students on, how to monitor and maintain the growing sprawl of connected objects. Students of second year and third year participated and benefitted. Resource person: **Mr.A.S.Abijith, Chief Security Engineer, Networkz systems, Nagercoil.**

PROJECTS USING PAPER CLIPPINGS
In the Dept. of AI&DS

Kanniyakumari, Tamil Nadu, India

The Department of Artificial Intelligence and Data Science organized an interdepartmental competition, "**Save the Sky: Ozone Preservation Project using newspaper clippings**" on September 12th as a part of observing the International Day for the **Preservation of the Ozone Layer**. Students participated with great enthusiasm. The activity aimed to raise awareness about ozone layer preservation and encourage students to use innovative approaches to highlight the importance of environmental conservation through creative presentations using newspaper clippings.

MEHANDI: ART OF ELEGANCE

The Department of Artificial Intelligence and Data Science organized an interdepartmental competition, "**Mehandi: Art of Elegance**," on September 18, 2024 in observance of **Miladi Nab**i. Students engaged themselves with great interest and creativity. The activity aimed to promote cultural awareness and artistic talent, encouraging students to honour tradition and express themselves through the intricate and beautiful art of Mehandi.

DEBATE ON DEMOCRACY
In the dept. of IT

The Department of Information Technology organized an Inter-Departmental Debate competition on account of celebrating International Day of Democracy on 19.09.2024. Students from various departments participated in this competition. This event aimed to enhance public speaking skills, critical thinking and the ability to engage in structured arguments. **Brighta A B** & **Karthika V S**, III CSE shared the first prize, **Kavish S** and **Libin Michael C** of IT won second and third prize, respectively.

SEMINAR
In the dept. of IT

The Department of Information Technology organized a seminar on "**Career Guidance on GATE**" by Dr. **A. Jegatheesh, M.E., MBA(Edu)., Ph.D Managing Director ALC Academy**, Nagercoil on 19.09.2024. Third Year and Final Year IT Students participated in this seminar. The function was presided over by the Head of the Department Mrs. M. Maria Sheeba.

This programme aimed to provide the importance of GATE exam, higher education opportunities, career prospects, national recognition, Skill Development and future prospects. The students got awareness on how to prepare for GATE.

WORKSHOP
By the Civil Department

Workshop on **"Blue Print to Virtual Building by BIM Technology – Entrepreneurship"** was organized by department of Civil engineering on 23-09-2024. Prof. Dr. Joseph Dunston - Dean presided over the function in the presence of Dr. G. Natarajan, principal.

The workshop gave an insight into BIM technologies and its influence in modern constructions.

PENCIL SKETCH
Competition

The Department of Civil Engineering conducted interdepartmental pencil sketch competition on 23.09.2024 on account of International Day of Peace, with a theme "**Actions for Global Peace**". 56 students from various departments participated enthusiastically in the competition. The first prize was shared by **Ms.Thanupriya** of ECE Third Year and **Ms.Gowthami** of AI&DS Second Year.

IDEA PRESENTATION
In the dept. of EEE

The EEE department conducted an inter departmental Idea Presentation Competition for celebration of "**International Day of Clean Air for Blue Skies**" on 24.09.2024. Thirteen teams from various departments presented their Innovative Ideas. **Ms.Brighta B & Ms.Karthika V S**, III CSE shared the first place and **Ms.Jenefer Shiny A & Ms. Sapna Julie A U** shared the second place.

WELLNESS AWARENESS PROGRAM
For the Dept of IT Students

Third-year Information Technology students had the opportunity to visit **Ponjesly Super Speciality Hospital** on September 25, 2024. The doctors at the hospital raised awareness about the pupils' general health. Students had the chance to speak with experts in cardiology, neurology, dentistry, ENT, gynecology, and urology, among other areas. The students learned about emergency care and first-aid procedures from this visit.

NON-FIRE
Cooking Competition

The **Women Empowerment Cell** organized a Non-fire cooking competition on 25.9.24 which encouraged girls from different departments to cook without fire and also with low calories.

DRAWING TO THE SHORE
In the dept. of ECE

Department of Electronics and Communication Engineering organized an interdepartmental drawing competition (Picture Name: Ship; Drawing Tool: MS Paint) on 26.09.2024 on account of **World Maritime Day**, which is being celebrated to mark the date of International Maritime Organization conventions entry into force in the year 1958. **Ms.Annie Zarah.M** from Third year ECE and **Ariya Krishna A.S** from Third year IT shared the First Prize.

RACANA 2024
National Level Management Meet

The Department of Management Studies organized the National Level Management Meet – RACANA 2024 on 27/09/2024. The event saw enthusiastic participation from 130 students representing 18 colleges.

Four major competitions were conducted as part of the event: Best Manager, Adzap, Business Plan, and Business Quiz. The meet was coordinated by Dr. R. Sam Renu, Mr. Shabu John, Mr.N. Prem Santhosh along with other faculty members, in collaboration with student organizers. Dr. G. Arumugasamy, HOD MBA presented the annual report, highlighting the achievements of the department.

The event was graced by the presence of special guests **Rtn. J.C. Stalin Rose, an audio and automation consultant, and Ms. E. Ilamathi, HR professional from Cape Start Software Ltd., Nagercoil.** Scott Christian College emerged as the overall champions of RACANA 2024, taking the championship trophy. The event concluded with a vote of thanks and the national anthem, marking the successful closure of a memorable day.

SEMINAR
By the department of MBA

A one-day seminar on **"Understanding Stakeholder Requirements Best Practices for Business Analyst"** was conducted on 29.09.2024 for MBA students with the blessings of our honorable chairman, Shri Pon Robert Singh, Dean, Dr. Joseph Dunston, Director, Prof. P. Arulson Daniel, Principal, Dr. G. Natarajan and Vice Principal, Dr. R. Isaac Sajan.

Principal, Dr. G. Natarajan, presided over the function and delivered the felicitation address. The Head of Department, Prof. Dr. G. Arumugasamy, welcomed the gathering, and the session was handled by **Mrs. Betsy, Business Analyst at Ak Infopark Pvt. Ltd.**, Parvathipuram, Nagercoil.

HEALTH AWARENESS PROGRAM
In the Dept. of AI&DS

Ponjesly Super Specialty Hospital organized a **"Healthcare Awareness Program"** for the II year AI&DS students of the Department of Artificial Intelligence and Data Science on September 30, 2024. The program aimed to educate students on vital health topics, including disease prevention, nutrition, and mental well-being. Medical professionals from the hospital shared their expertise and insights, promoting a deeper understanding of healthcare practices. This initiative emphasized the importance of maintaining good health and encouraged students to adopt healthy lifestyle choices.

ELOCUTION COMPETITION
In the dept. of Civil Engineering

Department of Civil Engineering has conducted interdepartmental elocution competitionon 30.09.2024 on account of I**nternational Day of Awareness of Food Loss and Food Waste**, with the theme **"Awareness of Food Loss and Food Waste"**. 26 students of various departments participated in an enthusiastic manner in the competition. **Ms.Karthika.V.S.** of CSE Third Year secured FIRST Prize.

INDUSTRIAL VISITS

Students from the department of CSE went for a visit to **Bosco Soft Technologies Pvt Ltd***, Yelagiri*, on September 12, 2024, provided valuable insights into the real-world applications of our coursework. The focus of the visit was on innovation and sustainability, aimed at offering a practical understanding of project management and corporate operations.

A total of 85 CSE students from both the II and III years had the opportunity to engage with industry professionals, allowing us to ask questions and discuss the challenges they face. This visit was an informative experience where the students learnt about various aspects of project management, teamwork, and company operations.

Tirunelveli, Tamil Nadu, India
7HM9+259, Tamil Nadu 627109, India
Lat 8.282269°
Long 77.567617°
18/09/24 03:37 PM GMT +05:30

Tirunelveli, Tamil Nadu, India
7HM9+259, Tamil Nadu 627109, India
Lat 8.282297°
Long 77.567612°
18/09/24 03:39 PM GMT +05:30

Forty Seven students from the III year ECE and Mechanical Engineering visited **ISRO Propulsion Complex Mahendragiri** on 18.09.2024 as a part of their Curriculum. Students have gathered information about the facilities that are used for developing propulsion systems for inter-planetary missions. Researching and developing liquid propulsion systems for satellites and satellite launch vehicles is IPRC's primary responsibility. Students were instructed to visit the scientific museum in order to impart knowledge about space rocket launches. Students learned about PSLV, GSLV, and other engine types that were demonstrated via models. They also learned about the oxidants and propellants utilized in cryogenic engines. They interacted with the guide to clarify their doubts and at last visited the propellant testing area.

Kodaikanal, Tamil Nadu, India
6FJ8+V5C, Kodaikanal, Tamil Nadu 624103, India
Lat 10.232279°
Long 77.463351°
19/09/24 10:59 AM GMT +05:30

Forty students fron the department of ECE visited **Kodikanal Solar Observatory** on 19.09.2024. Established in 1899, Kodaikanal Solar Observatory is operated by the Indian Institute of Astrophysics (IIA). Students were explained about the unique collections of a record of solar activities available in the Observatory centre. The primary focus of the Kodaikanal Solar Observatory is on solar activity, especially sunspots, solar flares, and the solar magnetic field.

Students from the Department of Artificial Intelligence and Data Science organised an Industrial visit to **Kaynes Technology India Limited, Mysore** on September 19, 2024. A total of 44 students participated in the visit, gaining first-hand exposure to advanced manufacturing processes and industry innovations. The experience provided them with valuable insights .

As a part of our Industrial Visit 2024, II & IV year students of Information Technology Department were taken to **Kaynes Technology, Mysore** on 20th September 2024.

Kanyes Technology is a leading end-to-end and IoT solutions enabled Integrated Electronics Manufacturing unit. Their main domain is the spectrum of Electronics System and Design Manufacturing (ESDM) Company.

During the visit to Kanyes Technology the students were taken to different processing units. The importance of IoT technology and the manufacturing of PCB boards were explained in utmost clarification.

On 23rd of September 2024, II year students of Information Technology visited **Twozo Technologies** in Tirunelveli.
It's a tech company focused on helping businesses manage their Customer Relationship Management (CRM) systems, productivity, and overall workflow.

During the visit, the personnel from the company explained in detail about the Twozo CRM software and its applications. The students had an interactive session followed by the presentation of the company's products and services.

Kodagu, KA, India
Kushalanagar, Kodagu, 571232, KA, India
Lat 12.497951, Long 75.904258
09/24/2024 10:30 AM GMT+05:30

On September 24, 2024, 48 students and two staff members from EEE department visited the **Coorg Government Power Plant at Harangi Dam**. The Harangi HEP was built in 1997 down stream at the toe of the Dam by EDCL and operates a run-of-the-river 9 MW (2X4.5 MW) Hydroelectric Power Project at Harangi River. The visit was useful in learning the naunces of power generation.

18 Students with 3 staff members from the department of EEE, visited **Thermal Power Plant at Tuticorin** on 25.09.2024. The plant primarily uses coal as the fuel for generating electricity. The power (1,050MW) generated from the plant is primarily used to supply electricity to the state of Tamil Nadu. Students gained the first hand knowledge of power generation using coal.

Thoothukudi, Tamil Nadu, India
Q579+RMW, Harbour Estate, Tuticorin Beach Road Salt Pans, Thoothukudi, Muttayyapuram, Tamil Nadu 628004, India
Lat 8.764712°
Long 78.169095°
25/09/24 05:08 PM GMT +05:30

Kodaikanal, Tamil Nadu, India
7G23+XWW, MM street, opp. K.C.HOMES, Kodaikanal, Tamil Nadu 624101, India
Lat 10.252578°
Long 77.504828°
25/09/24 10:58 AM GMT +05:30

On 25th September, Students from Information Technology had the opportunity to visit **ZOP Technologies**. The aim of the visit is to expose the students to the practical aspects of Web Design and Development. The employees made the students understand more about web designing. Also they presented their completed projects and their future vision. The visit was useful for the students to build a better career in IT industry especially in the field of web technology.

STAFF ACHIEVEMENTS

Our sincere gratitude is extended by Ponjesly Speaks to our distinguished **CSE faculty members** for their outstanding accomplishment in registering a patent for **Smart Inventory Retail Stores**. This achievement demonstrates your hard work, creative problem-solving, and dedication to developing technology in retail management.
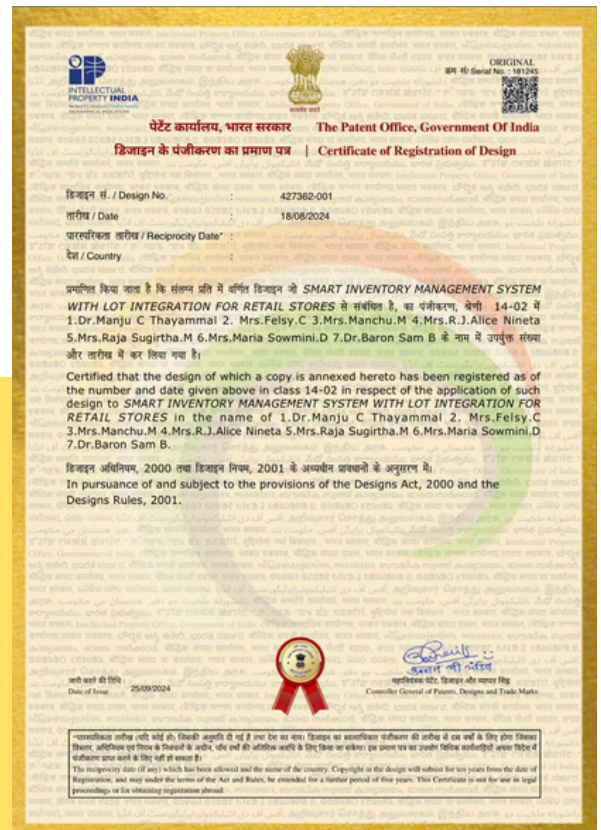
CERTIFIED REVIEWER

Congratulations

The Eudoxia Research Center's academic senate and International Research Council have designated Prof. **Dr. G.M. Joseph Dunston** as a reviewer for Eudoxia Publications.

Ponjesly Speaks wish him many more laurels!
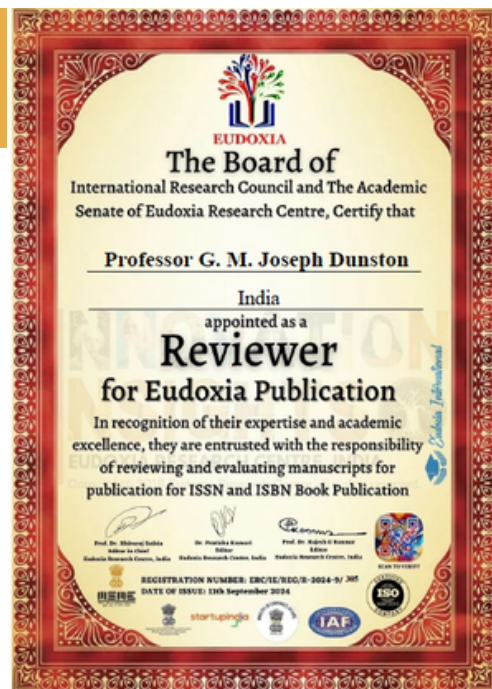
Dr.M.R.Kavitha, Professor, ECE has published a Research Paper entitled "*Mitigating the impact of Lognormal Atmospheric Turbulence Channel Estimation on FSO Communication systems using Advanced Deep Learning Modules*" in International Journal of Communication Systems.

PAPER PUBLICATION

RESEARCH ARTICLE

Microplastic predictive modelling with the integration of Artificial Neural Networks and Hidden Markov Models (ANN-HMM)

Isaac Sajan R[1] · Manchu M[3] · Felsy C[3] · Joselin Kavitha M[2]

Abstract
Microplastic pollution poses a significant threat to our environment, necessitating effective predictive modelling approaches for better management and mitigation. In this study, we introduce a pioneering methodology that fuses the power of Artificial Neural Networks (ANN) and Hidden Markov Models (HMM) for microplastic predictive modelling. Leveraging a comprehensive dataset, our integrated model exhibits exceptional performance, with an Accuracy of 0.96, Precision of 0.96, Recall of 0.97, and an F1 Score of 0.96. The achieved Accuracy underscores the model's proficiency in distinguishing microplastic and non-microplastic entities, promising robust and reliable predictions. Precision, as a measure of correct positive identifications, demonstrates our model's effectiveness in minimizing false positives, a crucial aspect for environmental monitoring. Moreover, the perfect Recall score signifies the model's ability to detect all relevant microplastic instances, addressing concerns about false negatives. The F1 Score encapsulates this dual proficiency, showcasing a harmonious trade-off between precision and recall. Our research not only advances the field of microplastic prediction but also highlights the potential of synergizing ANN and HMM methodologies for comprehensive environmental assessments. The reported performance metrics underscore the practical applicability of our approach, offering a valuable tool for tackling the pervasive issue of microplastic pollution and fostering proactive environmental stewardship.

Keywords Water pollution · Microplastic pollution · Environmental monitoring · Artificial Neural Networks (ANN) · Hidden Markov Models (HMM) · Microplastics (MP) · Recurrent Layer(ReLu)

Dr. Isaac Sajan R, Professor ECE, **Mrs.Manchu M**, Assistant Prof., CSE & **Mrs.Felsy.C**, HOD AI&DS published a paper entitled "**Microplastic predictive modelling with the integration of Artificial Neural Networks and Hidden Markov Models (ANN-HMM)**" in Journal of Environmental Health Science and Engineering, Springer, Q2 index.

PARTICIPATION IN INTERNATIONAL CONFERENCE

Prof.G.M. Joseph Dunston, Dean, Ponjesly College of Engineering participated in the **"Third International Conference on Multidisciplinary Research Trends In European, Asian and African Countries"** organised by Eudoxia Research University, USA & Eudoxia Research Centre, India on 27th and 28th September 2024.

Mrs. Anchana B.S., Assistant Professor/CSE, completed the "Introduction to Operating Systems" NPTEL course and earned her certification between July and September 2024.

The Sahara Charitable Trust honoured **Dr. N. Kanthavelkumaran**, Professor of Mechanical Engineering, with "The Proud Teacher Award 2024" in recognition of his dedication to teaching and his passion for learning and research. We wish him many more accolades and congratulate him on this outstanding accomplishment.

BOOK AUTHOR

Dr. G. Arumugasamy, MBA, Professor and Department Head, along with two other authors, wrote the book "BUSINESS LAW," which was released by Inksta Press.

Prof. Dr.G.M. Jospeh Dunston attended as an invited guest in the international conference on AI and Emerging Technologies and AV Exhibition, organised by INFOCOMM in Jio World Convention Grounds from 3rd September to 5th September 2024.

FDP
Attended

Dr. L.B.Lisha (AI&DS), Mrs. Priyanka (IT), Mrs.Alphiya.A (ECE), Mrs.S.Suganya (EEE), Mrs. J.S. Packia Santhini (Civil), Mrs. Bonisha Binu (CSE) & Mr. Ramaganesh (Mech) attended a Faculty Development Programme (FDP) on "**Microsoft Digital Skills**" from 16 to 21 September, 2024. This programme aimed to enhance knowledge of Copilot for Microsoft 365, Copilot Studio, Forms, OneNote, Planner, Power Apps, Power Automate, Generative AI & Power BI, Excel and SharePoint Online.

Dr.G.Arumugasamy, Prof. & Head, MBA attended a faculty development program on "**Cutting Edge techniques to resolve ESG in marketing sustainable goods**" from 23/9/24 to 27/9/24.

FDP
PARTICIPATION

The following members of the faculty of Ponjesly College of Engineering have attended a one-week Faculty Development Program (FDP) on AWS Cloud Practitioner from 09/09/24 to 13/09/24.

Mrs. Freeda Rose J (IT), Mrs. Priyanga P.T (IT), Mrs.Sowmiya.R (CSE), Mrs.M.Rajasugirtha (CSE), Mrs.Juliet Anesha (CSE), Dr. E.Jessy Mol (EEE), Mrs.S.Suganya (EEE), Dr. Chitra (CSE), Dr. M.R. Kavitha (ECE), Dr. L.Kebila Anns Subi (ECE), Mrs. Anuradha (CSE), Mrs. B.Sundara Priya (AI&DS) & Mr. Ramaganesh (Mech)

Prof. Dr.G.M. Jospeh Dunston, attended as an invited guest in "**The International Education and Skill Summit**" organised by Didac India in Delhi from 17th September to 20th September 2024

PAPER PUBLICATIONS

Dr. R. Sam Renu, Professor, MBA has made notable contributions to the field with the following published papers:

Dr. R Sam Renu, Ms. S. V. Athira (2024) Ensuring Employee Well-being: A Study on Health, Safety and Welfare Measures in the Automobile Service Sector., International Journal of Research in Marketing Management and Sales, Volume: 6, Issue: 2, Part A, July-2024, PP 23-28, P-ISSN: 2663-3329, E-ISSN: 2663-3337 Impact Factor: RJIF 5.51. https://doi.org/10.33545/26633329.2024.v6.i2a.173

Dr. R Sam Renu, Ms. K. Fathima Barvin (2024) Overcoming Hiring Hurdles: A Study of Recruiting Challenges in the Automobile Service Industry., Paripex - Indian Journal of Research (UGC Approved), Volume: 13, Issue: 7, July - 2024, ISSN: 2250 - 1991, Impact Factor: 6.941. https://www.doi.org/10.36106/paripex/1506159 2663-3337 Impact Factor: RJIF 5.51. https://doi.org/10.33545/26633329.2024.v6.i2a.173

Mr. N. Prem Santhosh, Assistant Professor of MBA, published a paper titled "**Employee's Emotional Intelligence In Garments Industry - A Study Report**" in Global Journal for Research Analysis (GJRA), Volume-13, Issue-07, July 2024.

STUDENTS ACHIEVEMENTS

M. R. Umaithanu from final year EEE won gold Medal in 96 + Kg Weight lifting-Chief Minister Trophy-2024 Regional Level on 13.09.2024 conducted by SDAT at Anna Stadium, Nagercoil.

J.K.Akileash Kumar, II year ECE represented Kanyakumari district, participated in State level Competition for The Chief Minister's Trophy held on 12.09.2024 and won Bronze medal in Chess event held at Scott Christian College, Nagercoil.

Ashima Fathima, from the Department of Artificial Intelligence and Data Science (III AI&DS), secured third prize in the Cyber Safety for Women Short Film and Reels Competition conducted by the Tamil Nadu Police department on September 20, 2024. She received a cash prize of **Rs. 6,600/-** for her exceptional creativity and awareness of cyber safety issues, highlighting the importance of empowering women in the digital age. Her achievement not only reflects her talent but also serves as an inspiration for her peers to engage in meaningful initiatives that promote safety and awareness in the community.

CSE students **B.Brighta, S.Apsine Shynu, A.Asrija, Estina Sathesh, Akshaya.VS, Devika.D, S.Aslin Sonia, M.Benolin Jose, B.Abisha, Ashly S Crosslin, SP.Arthi** from III CSE won 3rd prize in the Cyber Safety for Women short film competition conducted by Govt. of Tamil Nadu. They were honored by Superintendent of Police Thiru. E.Sundaravathanam, IPS on 21.09.2024.

M.Raju from IV CSE participated in the State level strength building competition held on 25 August 2024 and won II prize by lifting 135 kg. The event was organized by TNSBA at Anna Stadium, Nagercoil.

Ninny.P from IV CSE has completed a certificate of "*The Complete Python Pro Boot Camp*" from Udemy.
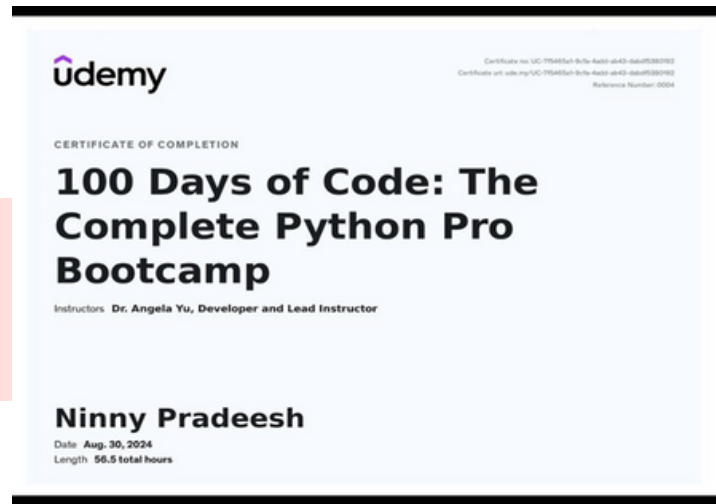
Ninny.P from IV CSE has completed a 4-week internship for "*Python-Django*" from M-Squared, Software and services, Technopark, Trivandrum

Ahilesh.C from IV CSE completed a certificate of "***Cybersecurity Awareness***" from LinkedIn Learning.

Keerthana.S.S from IV CSE completed a certificate of "***Python-Data Science***" from Nptel.

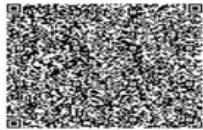**Lekshmi.G.P** from III CSE completed a certificate of "***Database Management system***" from Nptel.

Sri Abhirami J.L., student from III CSE, finished two certificate programs offered by Infosys Springboard on "**IoT Edge computing and IoT Analytics**" and "**Stock Trading with Trade Tiger**."

Three students from III year CSE, **Joshua, Tameem & Prince** participated in IDE bootcamp held at SRM University, Trichy from 23rd oct to 27th Oct 2024 and got 3.4/5⭐ on pitch day.

Dear Readers,

Good Bye Now!
We hope the reading was enjoyable. Await the upcoming edition, which will feature numerous thought-provoking activities to keep you motivated.

- Editors