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Vol.11. issue.10 15.11.2024

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IGNITE 2024
IGNITE 2024
IGNITE 2024
★ ★ ★ *November* ★ ★ ★

A DAILY NEWSLETTER
15.11.2024

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CAMPUS

PLACEMENT DRIVE

BATCH 2025 PASSOUT

COUNSELING
CODE

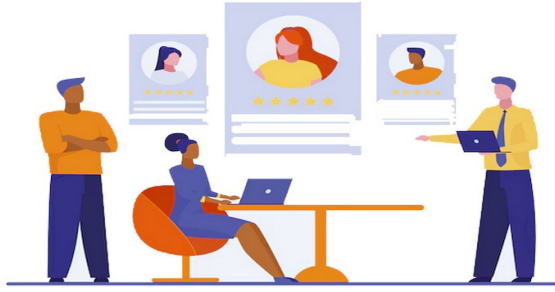
1316



everlife

CPCDiagnostics

Enabling Better Outcomes



EVERLIFE CPC DIAGNOSTICS LTD

Date: 15th Nov 2024	Eligible Department: B.E - BME	Package: 3 LPA	Drive Venue: COLLEGE PREMISES	Job Role: Trainee
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The final year students of BME attended the face-to-face interview for Everlife CPC Diagnostics Ltd at the company premises on 15th November 2024. Everlife CPC Diagnostics Pvt. Ltd. is a dedicated provider of products and services to the in-vitro diagnostics industry in India, Sri Lanka and Bangladesh.

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Ms. R B Archana, a II-year A Section in the Department of Computer Science and Engineering, won the **First Prize** in singing for the event of **“Waafe Arrow future fest innovation contest 2024-2025”** conducted at Hotel Shanthi INN Grand, Rasipuram, Namakkal on **10th November 2024**.

**NPTEL ONLINE CERTIFICATION**

(Funded by the MoE, Govt. of India)

This certificate is awarded to

RAJA PANDIYAN

for successfully completing the course

Fundamentals of Additive Manufacturing Technologieswith a consolidated score of **53** %

Online Assignments	22.72/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **470****Jul-Oct 2024****(12 week course)****Skill India**
कौशल भारत - कुशल भारत**Prof. T. V. Bharat**
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati



Roll No: NPTEL24ME138S1052505178

To verify the certificate



No. of credits recommended: 3 or 4

Raja Pandiyan, a III-year student in the Department of Mechanical Engineering, successfully completed the NPTEL course titled “Fundamentals of Additive Manufacturing Technologies” with a Consolidated Score of 53%.

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||| COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Nafil Fayaz N

for successfully completing the course

Smoke Detector [Centrado kit]

on November 7, 2024



Congratulations! You make us proud!



Issued on: Thursday, November 7, 2024
To verify, scan the QR code at <https://verify.onwingspan.com>

Thirumala Arohi
Executive Vice President and Global Head
Education, Training & Assessment (ETA)
Infosys Limited

Nafil fayaz, an IV-year student in the Mechatronics Department, has successfully completed the course in Smoke Detector(Centrado Kit) offered by Infosys springboard in the month of November 202

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Nafil fayaz, a IV-year student in the Mechatronics Department, has successfully completed the course in Smoke Detector (Centrado Kit) offered by Infosys springboard in the month of November 2024.



M. Sameeha (IT), a first-year student in the Department of Science and Humanities, has successfully completed the online Course on “**Beginners guide for Deep learning: What is Deep Learning?**” provided by Simlilearn SkillUPin the month of November 2024.



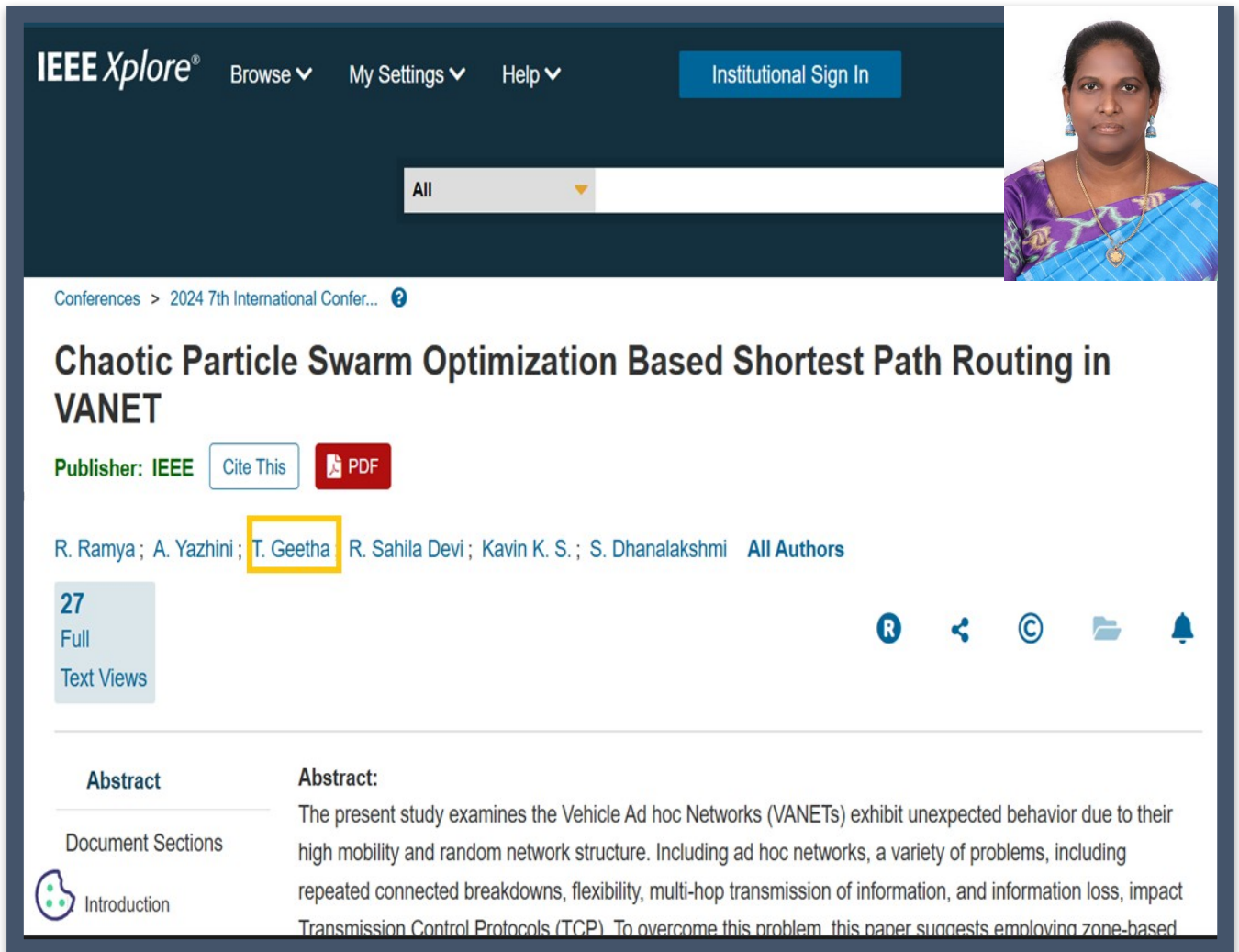
Mr. Karunakaran W, Mr. Darmick K.R and Mr. Karunamoorthy S, a IV year A Section, Department of Computer Science and Engineering participated in the event "Hackathon" conducted by One-eyes company, earned an internship offer call by presenting the project in "Kan Ezuthu" on 9th November 2024 at Dhanalakshmi College of Engineering, Chennai.



Saranya G and Sharmila P, third-year students from the department of Information Technology, attended a session on “Basics of Computer Networking” at Network Geek on 13th November 2024.



Dheenadhalayan S and Santhosh S, third-year students from the department of Information Technology attended a session on “Basics of Computer Networking” at Network Geek on 13th November 2024.



The screenshot shows the IEEE Xplore digital library interface. At the top, there's a navigation bar with 'IEEE Xplore®', 'Browse', 'My Settings', 'Help', and an 'Institutional Sign In' button. A user profile picture of a woman is visible on the right. Below the navigation bar, a search bar shows 'All' as the selected filter. The main content area displays the article title 'Chaotic Particle Swarm Optimization Based Shortest Path Routing in VANET' under the path 'Conferences > 2024 7th International Confer...'. The publisher is listed as 'IEEE'. There are buttons for 'Cite This' and a PDF icon. The authors listed are 'R. Ramya ; A. Yazhini ; T. Geetha ; R. Sahila Devi ; Kavin K. S. ; S. Dhanalakshmi', with 'T. Geetha' highlighted by a yellow box. An 'All Authors' link is also present. On the left, a sidebar shows '27 Full Text Views'. Below the article title, there's an 'Abstract' section with a sub-header 'Abstract:' and the text: 'The present study examines the Vehicle Ad hoc Networks (VANETs) exhibit unexpected behavior due to their high mobility and random network structure. Including ad hoc networks, a variety of problems, including repeated connected breakdowns, flexibility, multi-hop transmission of information, and information loss, impact Transmission Control Protocols (TCP). To overcome this problem, this paper suggests employing zone-based'. A 'Document Sections' list on the left includes 'Introduction'.

Mrs. T. Geetha, Asst.Prof, from Mechatronics Department, has successfully published a paper titled “Chaotic particle swarm optimization based on shortest path routing in VANET” in IEEE Explore.



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)


Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to
K BALAJI SUNDHARAM
for successfully completing the course
Technical English for Engineers

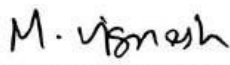
with a consolidated score of **68** %

Online Assignments	21.38/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 4282


Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Aug-Oct 2024
(8 week course)


Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

 Indian Institute of Technology Madras



Roll No: NPTEL24HS175S552513010

To verify the certificate 

No. of credits recommended: 2 or 3

K.BALAJI SUNDHARAM, Assistant Professor, Science and Humanities (English), has successfully completed the NPTEL Course on “**Teaching English for Engineers**” with an Elite Category of 68%.

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HIGHER STUDIES AND CAREER GUIDANCE (HSCG) CELL
organizes a
SEMINAR
on
**GATEWAY TO SUCCESS:
UPSC & TNPSC EXAM
AWARENESS PROGRAM**

Cheif Guests

14.11.2024
10.30am - 12.00 Noon
Seminar Hall

Mr. Sriramadesikan
UPSC Expert
Chinmaya Academy for Civil Services

Mr. J. Thiruppathi
TNPSC Expert
Chinmaya Academy for Civil Services

HSCG Co-ordinator
Mr. Prasanth S
AP- ASE

Dr. S.K. Narendranathan
COE

Dr. A. Kalaimurugan
Dean- Admin

Dr. T. Anand
Dean - Academics

Dr. Srinivasan Alavandar
Principal

The Higher Studies and Career Guidance Cell organized a seminar on “Gateway to Success: UPSC & TNPSC Exam Awareness Program” by Mr. Sriramadesikan, UPSC Expert, and Mr. J. Thiruppathi, TNPSC Expert, from Chinmaya Academy for Civil Services. A glimpse of the event is available in the gallery.



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(HSCG) CELL**
in association with

Student ID
organizes a
SEMINAR
on
**SCHOLARSHIPS FOR
OVERSEAS EDUCATION**

Chief Guests

Mr. Aravindhan Vaidyanathan
Founder and CEO,
Student ID, Chennai.

Ms. Meena
Student Success Specialist
Student ID, Chennai.

HSCG Co-ordinator
Mr. Prasanth S
AP- ASE

Dr. S.K. Narendranathan
COE

Dr. A. Kalaimurugan
Dean- Admin

Dr. T. Anand
Dean - Academics

Dr. Srinivasan Alavandar
Principal

15-11-2024
10.30am - 12.00 Noon
Seminar Hall

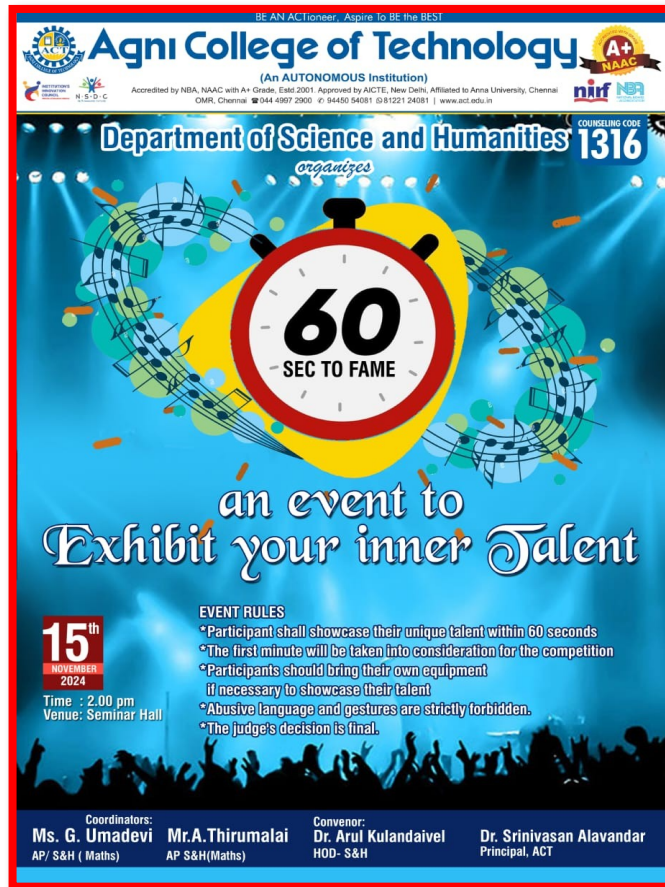
The Higher Studies and Career Guidance Cell organized a seminar on 'Scholarships for Overseas Education' by Mr. Aravindhan Vaidyanathan, Founder & CEO of Student ID, and Ms. Meena, Student Success Specialist of Student ID. A glimpse of the event is available in the gallery.



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The Department of Science and Humanities organized the event “60 Sec To Fame”- “**Exhibit your inner Talent**” for all the first year students on 15th November 2024. In this event, students actively participated. **Dr. Arul Kulandaivel, HoD, Department of S&H** presided over the event. **Ms. G. Umadevi, AP,** and **Mr. A. Thirumalai, AP, (Mathematics)** coordinated the event.

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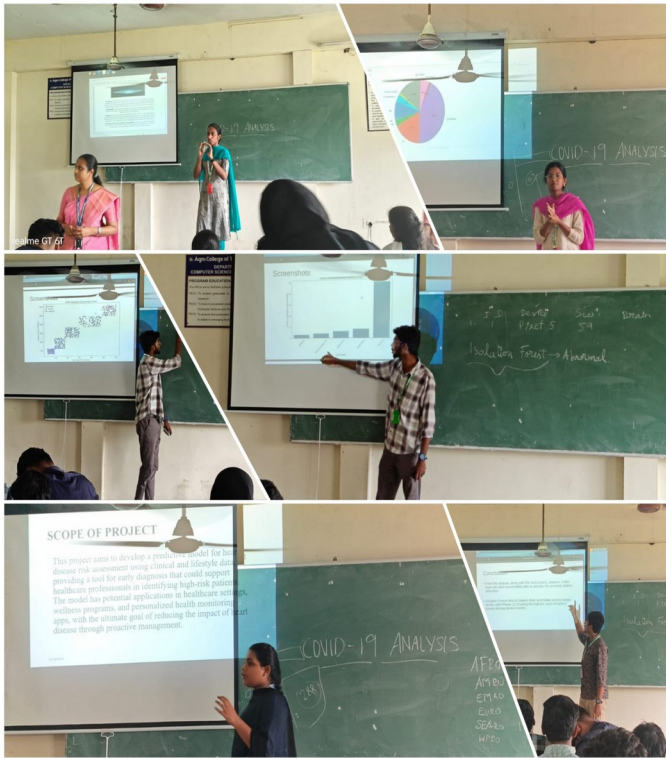
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The Department of Information Technology arranged the Industrial Visit for third-year students along with the faculty members to Network Geeks at Vadapalani on 13th November 2024. Students gain knowledge in the networking field.



The Students from the II-Year CSE B & C section gave a Seminar Presentation for the subject of Foundations of Data Science on the topic “Analysis on the real world problems implementing Python Packages and Algorithms”, organized by Mrs. Prinslin AP/CSE and students acquired knowledge of data visualization techniques and explored data in different visualizations.

Decoding k and K in Physics		
Small ' k '	Big ' K '	(K) Additional
1. Boltzmann constant: $k = 1.380659 \times 10^{-23} \text{ J K}^{-1}$	1. Kinetic energy: $K (\text{J})$	Electric conductivity: k_e
2. Spring constant: $k (\text{N/m})$	2. Kelvin: (k)	Thermal conductivity: k_t
3. Wave Number: $k (\text{m}^{-1})$	3. Bulk modulus: $K (\text{Pa})$	Vacuum permeability: k_v
4. Thermal Conductivity: $K (\text{W/m}\cdot\text{K})$	4. Torque: $K (\text{Nm})$	Vacuum permittivity: k_0
5. Curvature: $k (\text{m}^{-1})$	5. Electrical conductivity: $k (\text{S/m})$	Beta decay energy: k_β
6. Thermal expansion coefficient: $k (\text{K}^{-1})$	6. Thermal conductivity: $K (\text{W/m}\cdot\text{K})$	Beta decay constant: k_β
7. Electric conductivity: $k (\text{V/m}\cdot\text{s})$	7. Compressive strength: $K (\text{Pa})$	
8. Coulomb's Constant: $k (\text{N}\cdot\text{m}^2/\text{C}^2)$	8. Torsional constant: $K (\text{Nm})$	
9. Magnetic permeability: $k (\text{H/m})$	9. Rotational K : E $K (\text{J})$	
10. Dielectric constant:	10. Potential Energy: $K (\text{J})$	

Dr. P. Sugumar, Assistant Professor, Department of Science & Humanities (Physics), conducted an interactive session for first-year ECE students, exploring key physics terminology beginning with the letter 'K' held on 13.11.2024



Dr. Arul Kulandaivel, HoD, Department of Science & Humanities conducted the classroom activity in Engineering Graphics, Projection of solids (Cone, Pyramid, Triangular, Rectangular) held on 13.11.2024.



The third Class Committee Meeting for the Academic year 2024-2025 was held on 13th November 2024, for Second and Third year Chemical Engineering students in the presence of Dr. P. Murugan, Head of the Department, Mr. N. Arunodhaya, Second year CCM Chairman, Mrs. C.D. Karthika, Third year CCM Chairman and subject handling faculties. The feedback is also collected from students.

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The **class committee meeting-III** was conducted on **November 14th & 15th 2024**, for the second, third and final year students in the department of **Computer Science & Engineering** regarding discussion on students feedback and difficulties faced in the class. The meeting was conducted by concerned class committee chairpersons.

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Third Class Committee Meeting of Academic year 2024-2025 was held on 14th November 2024, for Final year Chemical Engineering students in the presence of Dr. P. Murugan, Head of the Department, Dr. K. Kadambanathan, CCM Chairman and subject handling faculties. The feedback is also collected from students.