



### A DAILY NEWSLETTER

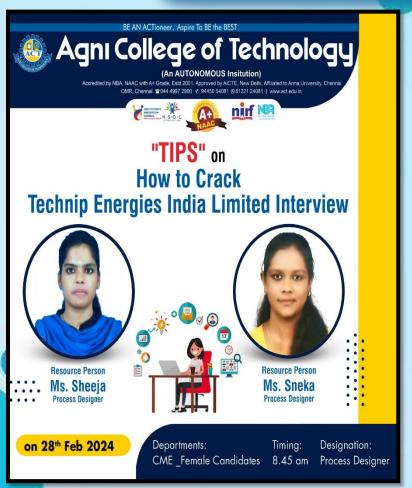
**Editor in Chief** 

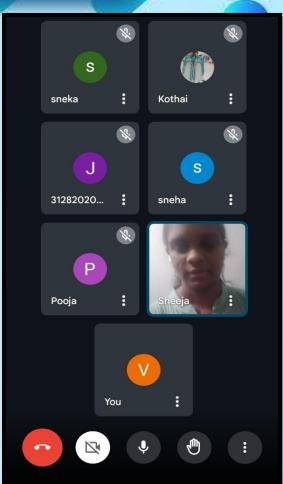
**Editors** 

Dr. Srinivasan Alavandar Principal, ACT Ms N Dhivya, AP - S&H Ms S Archana AP - EEE Mr V Kothantapani - EEE II Year



### PLACEMENT NEWS





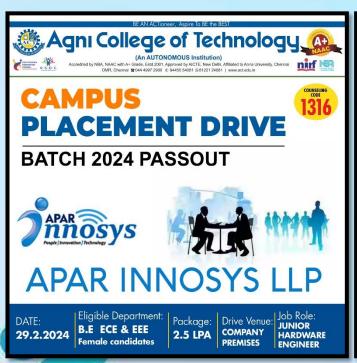
Four female students, Final Year, Department of Chemical Engineering, attended a session virtually on the topic "**Tips on How to Crack Technip Energies India Ltd Interview**" by **Ms.Sneka & Ms.Sheeja , Process Designer**, Technip Energies India Ltd, on 28th February, 2024.







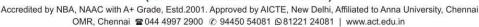
### **PLACEMENT NEWS**





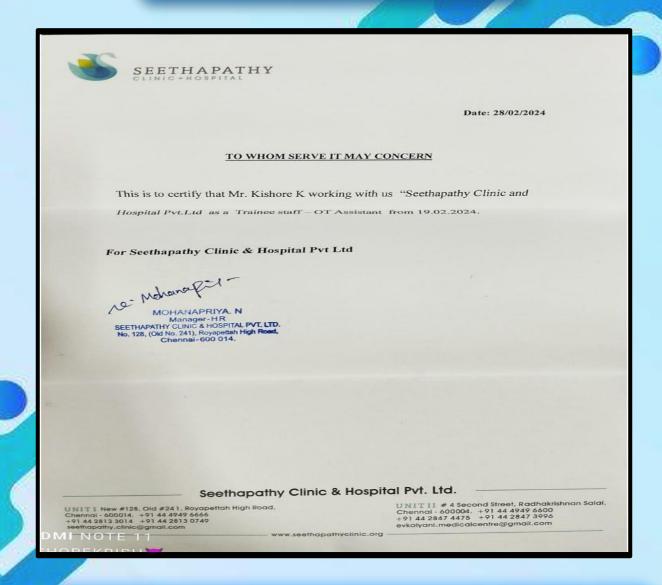
Final Year, Electrical and Electronics Engineering female candidates attended the face to face interview conducted by **APAR Innosys LLP** at their company premises on 29th February, 2024. Apar Innosys is a leading provider of information technology and consulting services and dedicated to helping the world's leading companies build stronger, new-age digital businesses.







### STUDENT PLACEMENT



Mr. Kishore K,IV year student, Department of Biomedical Engineering, has successfully gotten placement at "Seethapathy Clinic & Hospital Pvt.Ltd" as "Trainee Staff-OT Assistant" from 19th February, 2024.





### STUDENT PLACEMENT



The Department of Computer Science and Engineering has organized an interview for IV CSE students at **Mentor Infocomm India Pvt. Ltd.** on February 28, 2024. 7 students attended the interview, and 3 students got selected as **"Trainee Network Engineer"** under the guidance of **Dr. L. Sharmila,** HoD/CSE, and **Mr.Saravanan**, AP/CSE.







### TRAINING AND SKILL DEVELOPMENT

- Quantitative Aptitude Percentage, Boats and Streams Ms. Archana, AP/EEE
- 2. Soft Skill Group Discussion Ms. Radhika, AP/EEE
- Soft Skill Grooming and Etiquette Dr. Ratheesh Ramachandran, AP/ECE
- 4. Soft Skill Resume Building Dr. Balaij Madhayan, Head / Training
- Soft Skill Communication Tell about yourself Dr. Sureka, HoD / BME

BATCH / DEPT	VENUE	DATE	TIME	MODULE	TOPIC	HOURS
<b>B-I</b> / CME, CVL, MECH (52)	LHS 205		8:15 – 9:55 AM	Quantitative Aptitude	Speed, Time and Distance – formulas, example problems	3.5
		27 <sup>th</sup> FEB 2024	10:05 – 11:45 AM	Quantitative Aptitude	Ages – formulas, example problems	
		(Tuesday)	12:25 – 1:25 PM	Resume Writing	Fresher resume, formats, Do's and Don'ts	2
			1:25 – 2:25 PM	Resume Writing	Resume Building – Workshop	
			2:30 – 3:45 PM	Soft Skill	Grooming and Etiquette	1.25
<b>B-II</b> / ASE, MAE, MHT (54)	LHS 206		8:15 – 9:55 AM	Quantitative Aptitude	Boats and Streams – formulas, example problems	3.5
		27 <sup>th</sup> FEB 2024	10:05 – 11:45 AM	Quantitative Aptitude	Percentage – formulas, example problems	
		(Tuesday)	12:25 – 1:25 PM	Soft Skill	Group Discussion – Topic 1	2
			1:25 – 2:25 PM	Soft Skill	Group Discussion – Topic 2	
			2:30 – 3:45 PM	Soft Skill	Communication – Tell about yourself	ACTIV

Internal **Pre-placement training for III-year** VI semester students of **AERO/CVL/CME/MECH, MAE, and MHT** was conducted on February 27 **and 28,** 2024. About 100 students were trained on quantitative aptitude, resume writing, group discussion, telling about yourself in an interview, grooming, and etiquette. The training division sincerely appreciates the dedication and commitment of all the internal resource persons for this training. Thanks to all concerned HoDs and DPCs for their support and coordination.

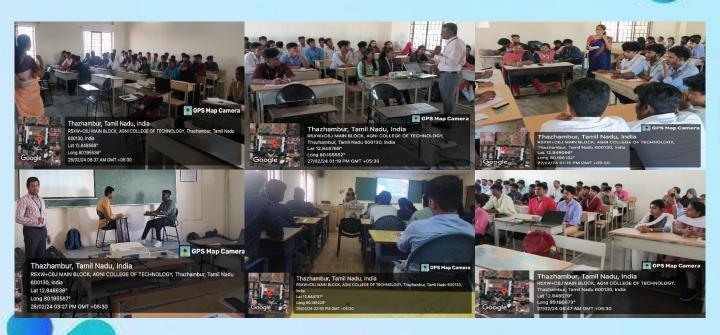








### **GALLERY**



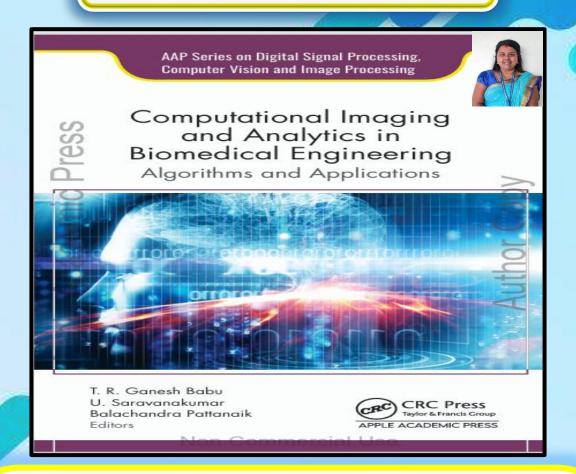
### **Students Feedback - Pre-placement Training**







### **FACULTY ACHIEVEMENT**



**Dr. Ishwarya M.V.**, Associate Professor and Head of the Department of Artificial Intelligence and Data Science, published 2 book chapters titled "MACHINE LEARNING **MEDICAL IMAGE**" and "INNOVATIONS FOR ARTIFICIAL INTELLIGENCE AND HUMAN COMPUTER INTERACTION IN THE DIGITAL ERA" in the book titled "COMPUTATIONAL IMAGING AND ANALYTICS IN BIOMEDICAL ENGINEERING **ALGORITHMS AND** APPLICATIONS" in CRC Press, indexed by TAYLOR AND FRANCIS on 28th February, 2024.



### **GALLERY**

#### **CHAPTER 7**

## MACHINE LEARNING FOR MEDICAL IMAGES

N. GOPINATH, M. SURESH ANAND, and M.V. ISHWARYA2

<sup>1</sup>Department of Computer Science and Engineering, Sri Sairam Engineering College, Chennai, India

<sup>2</sup>Department of Computer Science and Engineering, Agni College of Technology, Chennai, India

#### ABSTRACT

Research in medical imaging is increasingly turning to machine learning approaches. To recognize patterns in medical images, this method relies on pattern recognition. To enhance medical imaging applications, these algorithms are now being used to detect faults in the sickness diagnosing system, which may lead to significantly ambiguous medical therapy. Medical imaging relies heavily on these algorithms to detect early indications of sickness. To make predictions, it employs either supervised or unsupervised algorithms based on a predetermined dataset. Image categorization, object identification, pattern recognition, and reasoning are just a few of the principles that are examined in medical imaging. By extracting meaningful patterns for a specific condition, they are employed in medical imaging to improve accuracy. They also aid in the process of deciding on a course of action. Using Machine Learning to improve medical imaging is a trend that will continue in the future. Machine Learning approaches in medical imaging are the focus of this chapter's discussion. Machine Learning is a must-know for medical imaging professionals. We intended to give researchers a framework for

Computational Imaging and Analytics in Biomedical Engineering Algorithms and Applications T. R. Ganesh Babu, PhD, U. Saravanakumar, PhD & Balachandra Pattanaik, PhD (Eds.) © 2024 Apple Academic Press, Inc. Co-published with CRC Press (Taylor & Francis)

#### **CHAPTER 8**

# INNOVATIONS IN ARTIFICIAL INTELLIGENCE AND HUMAN COMPUTER INTERACTION IN THE DIGITAL ERA

M. V. ISHWARYA,<sup>1</sup> M. SURESH ANAND,<sup>2</sup> A. KUMARESAN,<sup>3</sup> and N. GOPINATH<sup>4</sup>

<sup>1</sup>Department of Artificial Intelligence and Data Science, Agni College of Technology, Chennai, India

<sup>2</sup>Department of Computing Technologies, School of Computing, SRM Institute of Science & Technology, Kattankulathur, India

<sup>3</sup>School of Computer Science and Engineering, Vellore Institute of Technology, Vellore, India

<sup>4</sup>Department of Computer Science and Engineering, Sri Sairam Engineering College, Chennai, India

#### ABSTRACT

The artificial intelligence (AI) and human—computer interaction (HCI) people group have frequently been described as having contradicting perspectives on how people and PCs ought to interface. As the two of them advance, there is a more profound differentiation that cuts across these networks, in how scientists imagine the connection among information and plan. By inspecting the rationalistic and plan directions fundamental groups of work in the two disciplines, we feature applicable contrasts and opportunities for

Computational Imaging and Analytics in Biomedical Engineering Algorithms and Applications.

T. R. Gunesh Babu, PhD, U. Saravanakumar, PhD & Balachandra Pattanaik, PhD (Eds.)

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A+ NAAC





### **FACULTY ACHIEVEMENT**



Dr. N.V.S. Sree Rathna Lakshmi, Professor/Head, Department of Electronics and Communication Engineering, has published a manuscript titled "Simulink and Real-time Implementation of the E-cycle for Measuring the Reliability of the Model Using Sensors" in the journal of Measurement: Sensors (Scopus Indexed).







### **FACULTY ACHIEVEMENT**



#### SRI KRISHNA COLLEGE OF TECHNOLOGY

Autonomous Institution, Accredidated by NAAC with 'A' Grade



# OF APPRECIATION

This Certificate is awarded to



### Mr. Sam Daniel Fenny A

of Agni College of Technology, Chennai for actively participating in the SERB sponsored five Days Seminar on "RECENT TRENDS IN SMART AGRICULTURE USING MACHINE LEARNING TECHNIQUES" held at Sri Krishna College of Technology, Coimbatore, Tamilnadu during 19.02.2024 to 23.02.2024.



Dr.K.Shanthi Co-Ordinator





Mr. A. SAM DANIEL FENNY, Assistant Professor, Department of Mechanical and Automation Engineering, has participated in the SERB-sponsored five days seminar on "Recent Trends in Smart Agriculture using Machine Learning Techniques", held at Sri Krishna College of Technology, Coimbatore, Tamil Nadu, from 19th to 23rd February 2024.

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Agnı College of Technology



### **FACULTY ACHIEVEMENT**





This is to certify that

#### RAHUL JAISHANKARJ

successfully completed and received a passing grade in

Mentoring in Professional Readiness for Innovation, Employability and Entrepreneurship program on Emerging technology (Artificial Intelligence, Applied Data Science, Data Analytics, Internet of Things, Cloud App development)

(MTPR3, provided by IBMCE)

A course on ibmcep.cognitiveclass.ai Powered by IBM Developer Skills Network



J., Assistant Professor, AIDS, received Mr.Rahul mentoring certificate for successfully completed and received a passing grade in the **Professional Readiness for Innovation**, **Employability and Entrepreneurship program on Emerging** Technology (Artificial Intelligence, Applied Data Science, **Internet** of Analytics, Things, Cloud Data Development) from the IBM DEVELOPER SKILLS NETWORK on 28th February, 2024.







### **FACULTY ACHEIVEMENT**



Mrs. R. Beaula Jasmine, Head, Department of Civil entitled Engineering, has presented paper a **Experimental Study on Self-Healing Concrete Using Eco-Friendly Bacteria** for a fifth international conference **Sustainable Practices** Trends Recent in on Innovation in Civil Engineering conducted by SSN College of Engineering, Chennai, on 15th February 2024.







### **FACULTY ACHEIVEMENT**



Mrs.K. Shalini, Assistant Professor, Department of Civil Engineering, has presented a paper entitled **Utilization of Natural Fibre as Composite in RC Beam-A Review** for a fifth international conference on Recent Trends in **Sustainable practices and innovation in Civil Engineering** conducted by SSN College of Engineering, Chennai, on 15th February, 2024.





### FACULTY PARTICIPATION



Mrs.L.Prinslin, Assistant Professor, Department of Computer Science and Engineering, has successfully completed and received a passing grade in the faculty development Program on "Data Science FDP Training" a course in ibmcep.cognitiveclass.ai powered by IBM Developer Skills Network issues, by the IBM career education program on 27th February 2024.



### **FACULTY PARTICIPATION**







### CERTIFICATE

OF PARTICIPATION

This is to certify that

Gowthaman

has successfully participated in the

### 'QUIZ ON QUALITY AND STANDARDS 2.0'.

We appreciate your enthusiasm and commendable efforts to participate.



Bureau of Indian Standards

**Mr. Gowthaman P.**, Assistant Professor, Department of Mechanical Engineering, has successfully participated in the Quiz on "QUALITY AND STANDARDS 2.0" conducted by the **Bureau of Indian Standards** on 27th February .2024.









### **FACULTY PARTICIPATION**







### CERTIFICATE

OF PARTICIPATION

This is to certify that

Dhanasakkaravarthib

has successfully participated in the

### 'QUIZ ON QUALITY AND STANDARDS 2.0'.

We appreciate your enthusiasm and commendable efforts to participate.



Bureau of Indian Standards

Dr. Dhanasakkaravarthi B., Assistant Professor ,
Department of Mechanical Engineering , has successfully participated in the Quiz on "QUALITY AND STANDARDS
2.0 " conducted by the Bureau of Indian Standards on 28th February ,2024.









### STUDENT ACHIEVEMENT

#### SPARK INVENTIVE Letter of Offer

[Loganathan.R]

[SparkInventive]

[Internship Coordinator]

[sparkinventive@gmail.com/7904786367]



#### Dear [Samundi] ,

Warmest congratulations on securing the Game Development intern position at Spark Inventive! Among the numerous applications we received, yours truly stood out, showcasing exceptional skills and a genuine passion for the field. Your journey with us begins with a 2-month immersive internship experience, and based on your outstanding performance, there is potential for the internship opportunity to extend, providing further opportunities for growth and contribution

Brace yourself for a series of exciting projects that will challenge and enhance your skills in game development. Additionally, there may be captivating assignments beyond your primary projects, aligning with the diverse needs of our organization.

As you embark on this thrilling journey, I extend my heartfelt best wishes for your remarkable performance and growth in this role. We can't wait to welcome you, ready to make a real impact

#### Responsibilities:

As a Team Lead Game Development Intern at Spark Inventive, your role is pivotal in leading and guiding team members while concurrently delivering hands-on training to computer science students. Your responsibilities encompass a dual approach, with a focus on both online and offline classes to craft an engaging and immersive learning experience for your peers.

#### Key Responsibilities:

- Leadership in Game Development Projects:
- Assume a leadership role in coordinating and overseeing game development projects within the team.
- Provide mentorship to team members, fostering collaboration and skill development.

**Samundi S**, III year student in the Department of Computer Science and Engineering, has been selected for "Spark Inventive" as a "Game Development Intern/Team Lead" on 27th February, 2024.











### STUDENT ACHIEVEMENT



Kirthika K., IV year, Department of Information Technology, was honored at the Annual District Rotaract Council 23-24 - Changing Gears happened on February 25ta







### STUDENT ACHIEVEMENT



R. J. Keerthana, III year student in the Department of Mechanical and Automation Engineering, has completed the "SQL Certification Course" organized by Launchpad on 28th February 2024.







### STUDENT ACHIEVEMENT



Halima Yashika, II year student in the Department of Computer Science and Engineering, has completed an online course on "Marketing and Retail Analytics - Advanced" organized by Great Learning on 28th February 2024.









### STUDENT PARTICIPATION







### CERTIFICATE

— OF PARTICIPATION

This is to certify that

Gokul

has successfully participated in the

### 'QUIZ ON QUALITY AND STANDARDS 2.0'.

We appreciate your enthusiasm and commendable efforts to participate.

Bureau of Indian Standards



**Mr. Gokul S.**, III Year, Department of Mechanical Engineering, has successfully participated in the Quiz on "QUALITY AND STANDARDS 2.0," conducted by the **Bureau of Indian Standards** on 25th February ,2024.









### STUDENT PARTICIPATION







### CERTIFICATE

OF PARTICIPATION

This is to certify that

Meeratm

has successfully participated in the

### 'QUIZ ON QUALITY AND STANDARDS 2.0'.

We appreciate your enthusiasm and commendable efforts to participate.

Bureau of Indian Standards

**Ms. Meera T. M.**, III Year, Department of Mechanical Engineering, has successfully participated in the Quiz on "QUALITY AND STANDARDS 2.0," conducted by the **Bureau of Indian Standards** on 25th February ,2024.









### STUDENT PARTICIPATION







### CERTIFICATE

OF PARTICIPATION

This is to certify that

Divya

has successfully participated in the

### 'QUIZ ON QUALITY AND STANDARDS 2.0'.

We appreciate your enthusiasm and commendable efforts to participate.



Bureau of Indian Standards

**Ms. Divya N**, III Year, Department of Mechanical Engineering, has successfully participated in the Quiz on "QUALITY AND STANDARDS 2.0" conducted by the **Bureau of Indian Standards** on 25th February ,2024.







### WORKSHOP







The Department of Information Technology organized one day workshop on "Build DApps on Blockchain." .The resource person for the workshop was Mr.Chaal Pritam (Founder W3 Chennai). The students gained knowledge about cryptocurrency and also worked with DApps in blockchain.







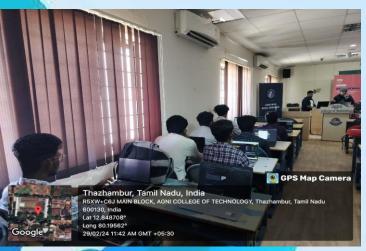
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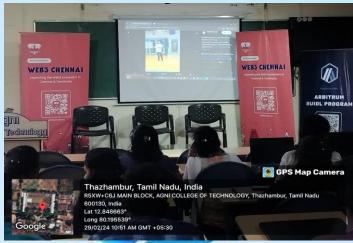










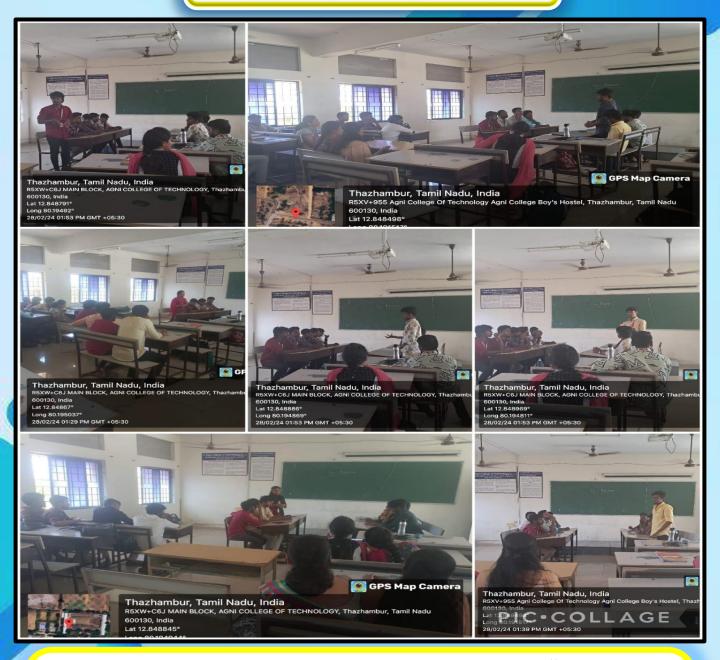






#### A DAILY NEWSLETTER

### **SOFTSKILL TRAINING**



The third-year students of AIDS performed "GD-GROUP DISCUSSION" during the SOFTSKILL TRAINING hour on 28th February 2024. Mentored by Dhanabhavithra.K., Assistant Professor, AIDS.







