Volume 13, Issue 2
July 2023 – December 2023

# PORTRAITS

THE NEWSLETTER OF ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES RAJAMPET

# Two Weeks Free Training on C-Programming

Dr. C Gangi Reddy Distrubiting Certificates to Course Completion Students

Group Photo with Students

The Annamacharya Institute of Technology and Sciences, Rajampet, is offering a two-week free training program on C Programming for intermediate-pass students, starting from 18/07/2023. This initiative aims to strengthen students' foundational programming skills, helping them prepare for more advanced studies in computer science. Dr. C. Gangi Reddy, Principal of AITS, will inaugurate the program as the chief guest, with all deans and heads of departments joining the event. Throughout the training, students will benefit from interactive sessions and expert guidance, designed to build their confidence and technical abilities. This opportunity reflects AITS's commitment to providing practical learning experiences to young aspiring programmers.

Annamacharya Institute Of Technology And Sciences Rajampet

# Cyber Hygiene Program

ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES (AUTONOMOUS)
THALLAPAKA PANCHAYAT, NEW BOYANAPALLI-516126
RAJAMPET, ANNAMAYYA DIST. ANDHRA PRADESH
(Approved by AICTE, New delhi, Affiliated to JNTUA Ananthapuramu, A.P., Accredited by NAAC with A' Grade and Accredited by NBA)

Department of CSE,AIML,AIDS

Presents

**"Cyber Hygiene Program"**

By

**Mr G.Bharath Kumar Reddy**

CEO,Lyfaux Technologies&DEF CRON Security

DATE:21-07-2023 Venue : AITS, Gallery

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Dr.M.Subba Rao,HOD CSE

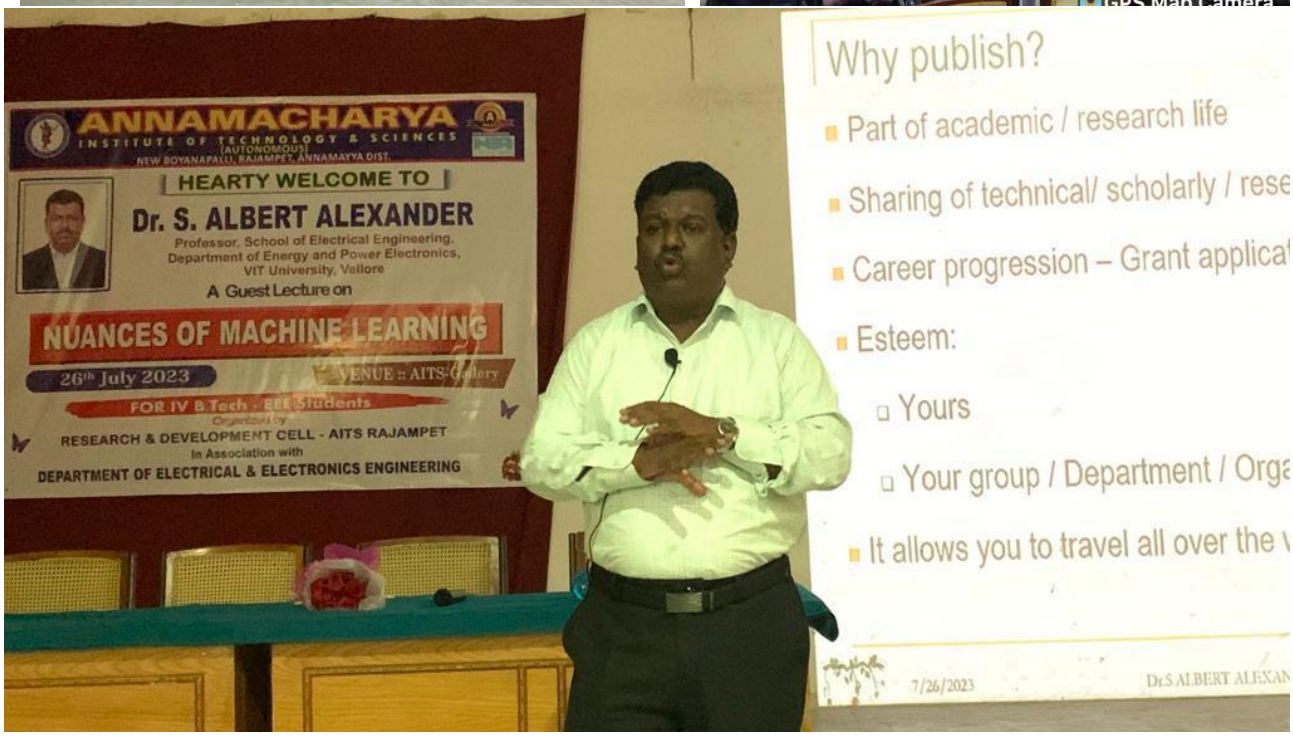
Program Co-ordinaotor
Dr.N.Merrin Prasanna,Associate Professor-ECE

Organizing Committee:All the Faculty Members of CSE,AIML,AI&,DS,AITS Rajampet

Mr G. Bharath Kumar Reddy. CEO Lyfaux Technologies and DEF CRON Security

The Annamacharya Institute of Technology & Sciences (AITS), Rajampet, organized a "Cyber Hygiene Program" on 21st July 2023. This event, presented by the Department of CSE, AIML, and AIDS, aimed to raise awareness about cybersecurity. Mr. G. Bharath Kumar Reddy, CEO of Lyfaux Technologies & DEF CRON Security, led the session, sharing insights into safe online practices. The program was held at the AITS Gallery, with support from AET officials, including Dr. C. Gangi Reddy, Hon' Secretary, and Dr. C. Ramachandra Reddy, Chairman. Dr. S.M.V. Narayana, Principal of AITS, served as the Patron, while Dr. M. Subba Rao, HOD of CSE, and Dr. N. Merrin Prasanna, Associate Professor of ECE, coordinated the event.

# Nuances of Machine Learning




Dr S Albert Alexander

Annamacharya Institute of Technology & Sciences (AITS), Rajampet, organized an insightful guest lecture titled "Nuances of Machine Learning"on 26th July 2023. The session was conducted by Dr. S. Albert Alexander, a distinguished Professor from the School of Electrical Engineering, VIT University, Vellore. Invited as a guest lecturer, Dr. Alexander shared his expertise in machine learning, targeting IV B.Tech and EEE students eager to deepen their understanding of this emerging field. The event was arranged by the Research & Development Cell at AITS in collaboration with the Department of Electrical & Electronics Engineering.

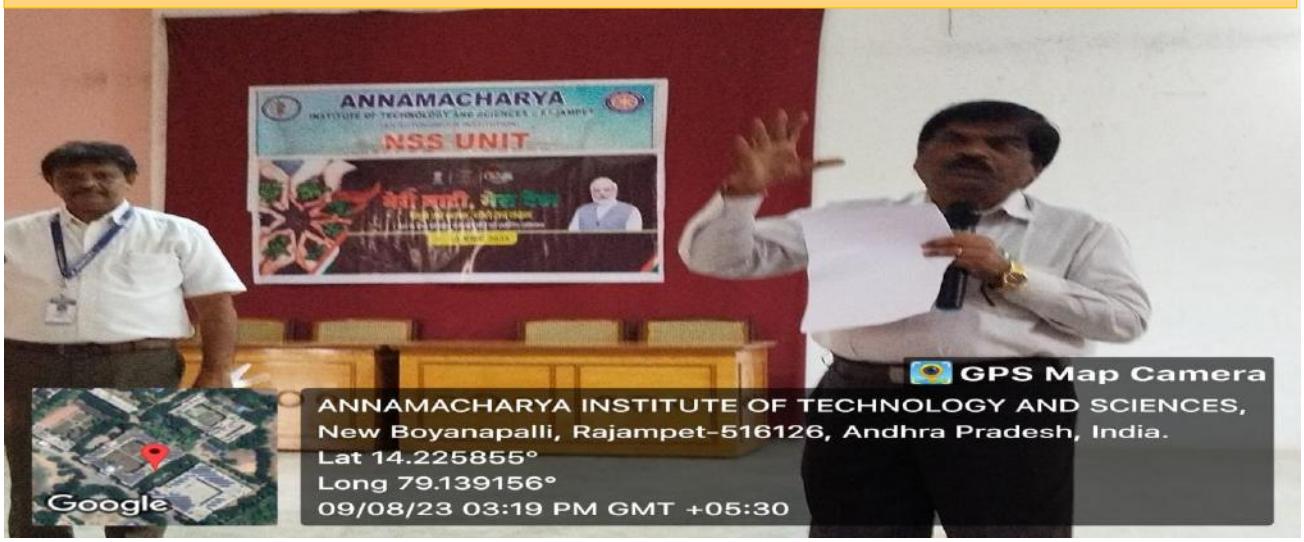
During his lecture, Dr. Alexander highlighted the significance of publishing research, viewing it as a fundamental part of academic life. He explained how publishing can contribute to career progression through grant applications and shared that it adds to the esteem of individuals and their affiliated institutions. Additionally, Dr. Alexander emphasized that publishing research opens doors to global opportunities, enabling travel and collaborations worldwide. This session served to inspire and motivate students to pursue research and explore the vast possibilities within machine learning and academia.

# A Guest Lecture on Information to Technology
# By
# CIVIL Engineering  Sri Acharyr Ajit Kumar

## Sri Acharyr Ajit Kumar

Annamacharya Institute of Technology & Sciences (AITS), Rajampet, organized a guest lecture titled "Information Technology" on 5th August 2023 at 10:30 am. The session was led by Sri Acharyr Ajit Kumar from the Civil Engineering Department. This lecture aimed to provide insights into the applications and impact of information technology, particularly relevant to students in engineering disciplines. Sri Ajit Kumar shared his knowledge on how IT integrates with various fields, including civil engineering, and highlighted the importance of IT skills in today’s technical world. The event encouraged students to explore interdisciplinary connections and embrace technology's role in engineering advancements.

# Meri Mati Mera Desh 2023 Awareness Program



NSS Coordinator: Dr. L. Obulapathi and Principal AITS: Dr S M V Narayana

Annamacharya Institute of Technology & Sciences (AITS), Rajampet, organized an awareness program titled **"Meri Mati Mera Desh 2023"** on campus to celebrate India's rich heritage and honor its soil. This initiative aimed to foster patriotism and a sense of responsibility toward the nation among students and faculty. The program included discussions on the importance of protecting natural resources, preserving cultural heritage, and contributing to the country's development. Various activities, such as patriotic speeches, poster presentations, and tree planting, were held to emphasize environmental and cultural values. Students and staff actively participated, showcasing their dedication to the country and its future. The event was a heartfelt tribute to India’s legacy, reinforcing pride in the nation's land and heritage while inspiring everyone to contribute to a sustainable and prosperous India.

# Independence Day Celebrations 2023

# Data Science Applications Using AI, ML, and DL Techniques

Speaker: Dr. Asadi Srinivasulu

A guest lecture on "Data Science Applications Using AI, ML, and DL Techniques" was held by Dr. Asadi Srinivasulu, an esteemed expert in data science and artificial intelligence. In his session, Dr. Srinivasulu provided valuable insights into how AI, Machine Learning, and Deep Learning are revolutionizing industries, from healthcare to finance. He highlighted the power of data-driven decision-making and demonstrated real-world examples where predictive analytics and AI models have significantly enhanced outcomes. The lecture covered critical algorithms and methodologies, emphasizing their applications and future potential. Students and faculty actively engaged, asking questions about practical uses and career paths in the field. Dr. Srinivasulu's expertise and interactive approach made the lecture a compelling learning experience for all attendees.

# National Sports Day celebrated

National Sports Day was celebrated with great enthusiasm at Annamacharya Institute of Technology and Sciences (AITS), Rajampet, on August 29. The event, organized to honor the legacy of hockey legend Major Dhyan Chand, witnessed active participation from the Principal, Physical Education Director (PED), all Deans, and Heads of Departments. A series of sports activities and competitions were conducted, encouraging students and staff to embrace physical fitness and teamwork. The Principal, in his address, emphasized the importance of sports in holistic development and urged students to maintain a balance between academics and physical health. The event concluded with prize distribution to the winners. More details are available on the official website of AITS Rajampet.

# Teachers Day Celebrations

# Engineers Day Celebrations

# Semiconductors: What, Why, and Their Evolution

Speaker: Dr. N. N. Murty

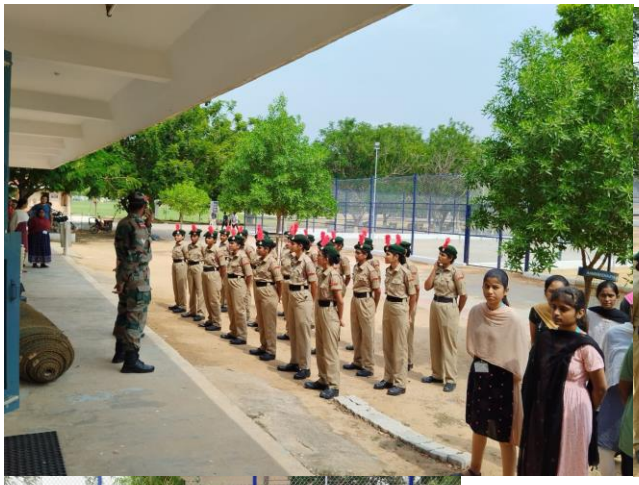
A guest lecture titled "Semiconductors: What, Why, and Their Evolution" was conducted by Dr. N. N. Murty from the Electrical Engineering Department, IIT Tirupati. Dr. Murty provided an insightful overview of semiconductors, covering their fundamental properties, significance, and applications in modern technology. He traced the historical development of semiconductor technology, explaining how advancements in materials like silicon and gallium arsenide have driven innovation in electronics, computing, and renewable energy. The lecture included discussions on the critical role of semiconductors in devices such as transistors, diodes, and integrated circuits, and their impact on the global technology landscape. Dr. Murty also highlighted recent advancements and future trends, including the emergence of quantum semiconductors. The session was highly interactive, with students and faculty gaining a deeper appreciation of this pivotal field.

# A Guest Lecture on Hydrogen Fuel

Speaker: Dr. E. Anil Kumar

On September 16, 2023, a guest lecture on "Hydrogen Fuel" was delivered by Dr. E. Anil Kumar, Professor in the Mechanical Engineering Department at IIT Tirupati, at Annamacharya Institute of Technology and Sciences (AITS). Dr. Kumar shared his extensive expertise on hydrogen fuel technology, focusing on its potential as a sustainable and clean energy source. He discussed the production, storage, and usage of hydrogen fuel, emphasizing its advantages over conventional fuels and its role in reducing carbon emissions. The lecture also covered current advancements in hydrogen fuel cell technology and applications in various industries, particularly in transportation and power generation. Mechanical engineering students engaged actively, learning about the challenges and future opportunities in hydrogen fuel development. Dr. Kumar’s lecture provided valuable insights into this promising area of renewable energy.

# NCC Selections at AITS Rajampet

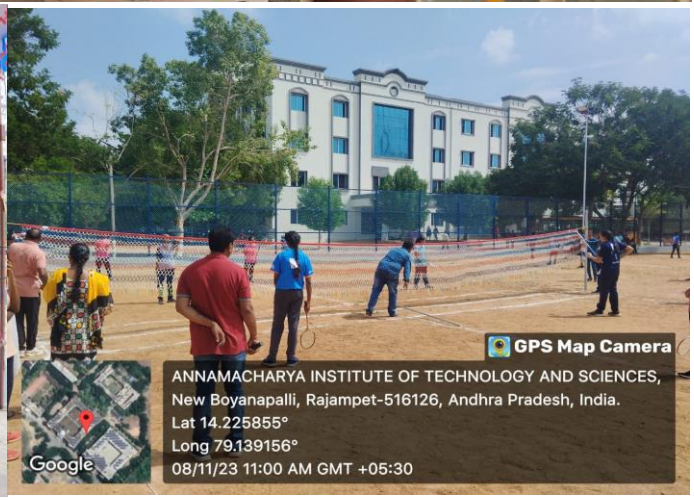


On October 4, 2023, Annamacharya Institute of Technology and Sciences (AITS) Rajampet held an NCC selection for women students, conducted by the Tirupati NCC Battalion. The event saw active participation, with rigorous assessments led by the battalion. Out of numerous candidates, 85 students were selected for their aptitude and commitment. The selected students will gain valuable skills in discipline and leadership through NCC activities.

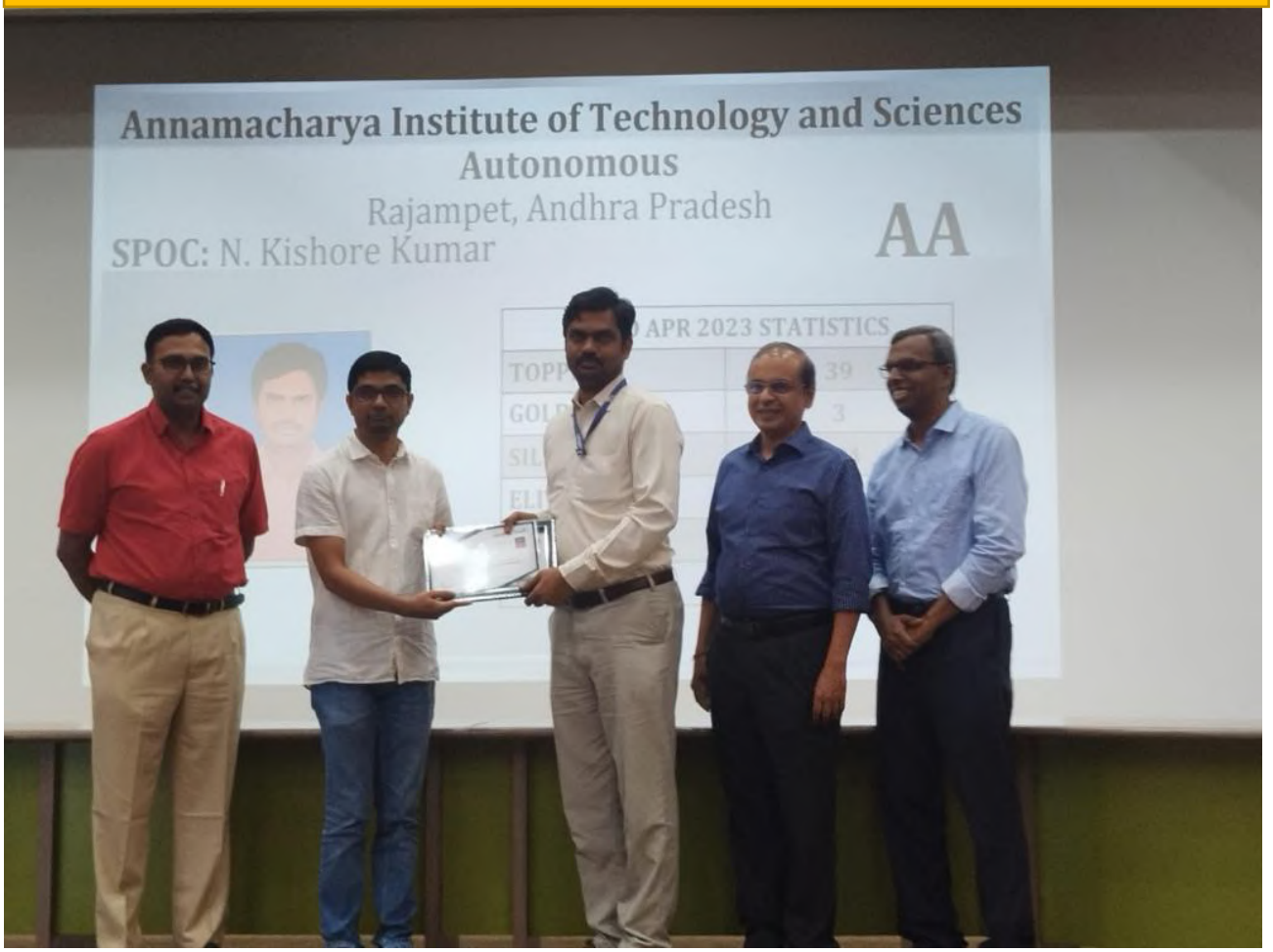
# AITS Rajampet Kabaddi Team Won First prize

The Kabaddi team from Annamacharya Institute of Technology and Sciences (AITS) Rajampet achieved a remarkable victory by securing the first prize at the Chittoor District Meet. Demonstrating excellent teamwork and skill, the team showcased outstanding performance throughout the tournament. Their dedication and strategic play were key factors in their success against tough competition. This victory has brought pride to the institution, highlighting the strength of sportsmanship at AITS. Congratulations to the team for their remarkable accomplishment.

# JNTUA Ball Badminton Selections at AITS Rajampet on 08/11/23

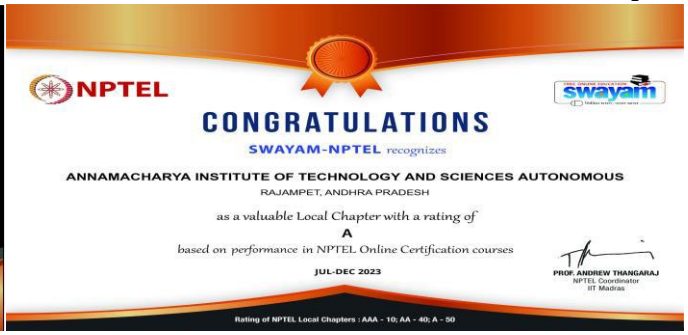


# NPTEL AWARD-2023 (July-Oct-2023)




Award Resaving by Dr. Kishorekumar N, SPOC-AITS Rajampet.

Annamacharya Institute of Technology and Sciences (AITS) Rajampet was honored with the prestigious AA Award from IIT Madras for being ranked among the top 100 institutions nationwide in the NPTEL examinations held in October 2023. This achievement reflects the outstanding academic efforts of AITS students and faculty in the July-October 2023 course duration. Dr. N. Kishore Kumar, the Single Point of Contact (SPOC) for AITS, proudly received the award from the Chairman of NPTEL on behalf of the institution. The AA ranking is a significant milestone, recognizing AITS for its dedication to promoting quality online education and skill development through NPTEL. This award reinforces AITS's commitment to providing its students with advanced learning resources and fostering academic excellence across all disciplines.



# National Voters Day Awareness

Rajampet RDO: Sri T Mohana Rao, AITS Rajampet Principal: Dr S M V Narayan

On National Voters' Day, students at Annamacharya Institute of Technology and Sciences (AITS) Rajampet engaged in an interactive session with the Revenue Divisional Officer (RDO) of Rajampet. The program, organized by the NSS unit of AITS, aimed to raise awareness about the importance of voting and the electoral process. Students had the opportunity to ask questions and discuss various aspects of voter registration, rights, and responsibilities. The RDO emphasized the significance of informed voting and encouraged students to actively participate in the democratic process. This initiative not only enhanced students' understanding of their civic duties but also inspired them to become responsible voters.

# JNTUA Wrestling Team Selections-2023 at AITS Rajampet

ISSUE #2

# Semester Newsletter

AITS-R
✦
31/12/2023

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