SAKSHIN

MONTHLY NEWSLETTER OF SCHOOL OF COMPUTING
CSE | CSE(AI) | CSE(DS) | M.TECH | MCA | PH.D

ABOUT ASIET

Adi Shankara Institute of Engineering & Technology (ASIET) was established in Kalady with the goal of providing technical education that instills in students both professional excellence and strong ethical values. The institute is run by the Adi Shankara Trust, a well-respected educational organization that has been active for over 50 years.

Founded in 2001 and maintained by the Sringeri Mutt with the benign blessings of His Holiness Sri Sri Bharathi Tirtha Mahaswamiji, the college is dedicated to promoting the overall growth and development of its students.

ASIET is situated in a beautiful and inspiring location, reminiscent of the peaceful presence of Jagadguru Adi Shankaracharya. The college is affiliated with the A P J Abdul Kalam Technological University in Kerala, and is approved by the AICTE. It offers undergraduate, graduate, and PhD level courses, with four of its programs being NBA accredited (CSE, ECE, EEE & MECH) demonstrating its commitment to high-quality education.

ABOUT SOC

The School of Computing at the ASIET Campus delivers a broad spectrum of academic programs designed to cater to the diverse interests of over 1000 students in computer science and related areas. The curriculum spans undergraduate, graduate, and doctoral studies, featuring degrees such as B.Tech in Computer Science and Engineering with specializations in Artificial Intelligence and Data Science, M.Tech in CSE, Master of Computer Applications (MCA), and Ph.D. programs.

JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

15th Jan 2024: The ATAL Training and Learning (ATAL) Academy Faculty Development Program in Adi Shankara Institute of Engineering and Technology, Kalady, organised by the Departments of Computer Science & Engineering and Computer Science & Engineering (Artificial Intelligence), has commenced a six-day program from 15th Jan 2024 to 20th Jan 2024. Prof. B. Ravi, Director of NIT Karnataka, Surathkal, inaugurated the program, and the ATAL actively supports its implementation. Dr. S. Sreepriya, Principal of Adi Shankara Institute of Engineering and Technology, chaired the function. The Coordinator, Dr. S. Srikrishnan, Prof. R. Rajaram (Dean Projects), Prof. Sreedevi R. Krishnan (FDP Co-coordinator), and other dignitaries addressed the gathering.

JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

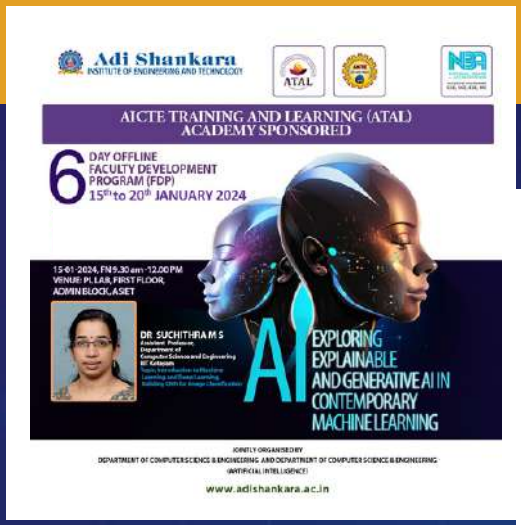
Day 1 (15 Jan 2024, Monday):

Session 1: Introduction to Machine Learning and Deep Learning, Building CNN for Image Classification

Presented by Dr. Suchitra M.S., Assistant Professor of Computer Science, IIIT Kottayam.

- Dr. Suchitra M.S. commenced the session by introducing the fundamental concepts of machine learning and deep learning.

- She highlighted the significance of understanding these concepts in the context of building convolutional neural networks (CNNs) for image classification.



JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

Key Points Covered in session 1:

1. Machine Learning Fundamentals:

- Defined machine learning as the study of algorithms that enable computers to learn from and make predictions based on data.
- Discussed supervised, unsupervised, and reinforcement learning paradigms.

2. Deep Learning Basics:

- Provided an overview of deep learning, emphasizing its utilization of neural networks with multiple layers to learn representations of data.
- Highlighted the role of deep learning in various applications, such as image recognition, natural language processing, and autonomous vehicles.

3. Convolutional Neural Networks (CNNs):

- Explained the architecture of CNNs, comprising convolutional layers, pooling layers, and fully connected layers.
- Emphasized the importance of convolutional layers in capturing spatial hierarchies of features in images.
- Discussed common CNN architectures like LeNet, AlexNet, and VGGNet.

4. Image Classification with CNNs:

- Demonstrated the process of building a CNN for image classification, including data preprocessing, model architecture design, training, and evaluation.
- Showcased the use of popular deep learning frameworks such as TensorFlow or PyTorch for implementing CNNs.
- Dr. Suchitra M.S. conducted a practical demonstration of building a CNN for image classification using a sample dataset.
- Covered steps including data loading, preprocessing, model definition, training, and evaluation.
- Provided insights into hyperparameter tuning and model optimization techniques.

5.Q&A Session:

- Engaged participants in a lively Q&A session, addressing queries related to CNN architecture, training strategies, and practical challenges in image classification tasks.
- Dr. Suchitra M.S. concluded the session by summarizing the key concepts covered and encouraging participants to explore further resources and practical applications of CNNs in image classification tasks.

JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

Session 2: Explainable AI

Presented by Dr. Vallabha Deevi, principal Data Scientist, Tiger Analytics, Chennai.

Dr. Vallabha Deevi led the session focusing on the concept of Explainable AI (XAI) and its significance in ensuring transparency and trust in artificial intelligence systems.

Points covered:

1.Understanding Explainable AI (XAI):

Defined XAI as the ability of AI systems to explain their decision-making processes in a human-understandable manner.

2.Challenges in AI Transparency:

Highlighted challenges associated with the black-box nature of many AI models, which hinder understanding and interpretation of their decisions.

3.Techniques for Explainability:

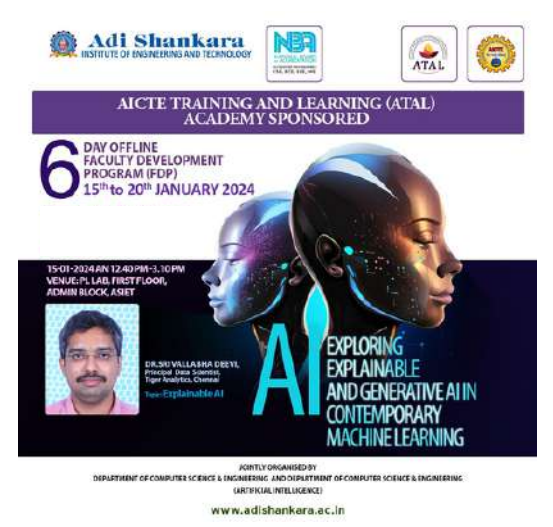
Presented various techniques and approaches for achieving explainability in AI

4.Applications and Implications:

Explored real-world applications of XAI across different sectors

Article Discussion:

Dr. Elbin John facilitated a discussion on recent articles and research papers related to XAI, encouraging participants to analyze and critique the approaches and findings presented.



ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

JAN 24

Day 2 (16 Jan 2024, Tuesday):

Session 3 & 4: Sentiment Analysis using Natural Language Processing (NLP) & Long Range Neural Networks Presented by Dr. Vallabha Deevi, principal Data Scientist, Tiger Analytics, Chennai. He commenced the session by introducing the concept of sentiment analysis and its application in understanding and analyzing human emotions expressed in text data. Emphasized the role of natural language processing (NLP) techniques and long-range neural networks in sentiment analysis tasks.

Key Points Covered:

1.Sentiment Analysis Fundamentals:

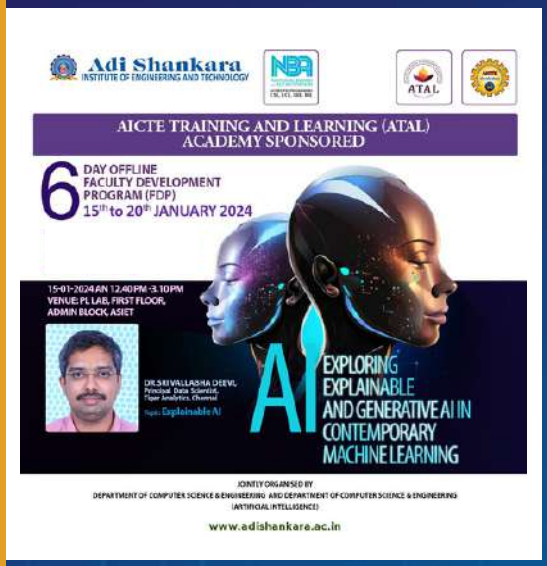
Defined sentiment analysis as the process of identifying, extracting, and categorizing subjective information from text data.

2.Natural Language Processing (NLP) Techniques:

Provided an overview of NLP techniques such as tokenization, stemming, lemmatization, and part-of-speech tagging, essential for preprocessing text data before sentiment analysis.

3.Long Range Neural Networks for Sentiment Analysis:

Introduced long-range neural network architectures, such as Transformers, designed to handle sequential data with long-range dependencies effectively.



ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

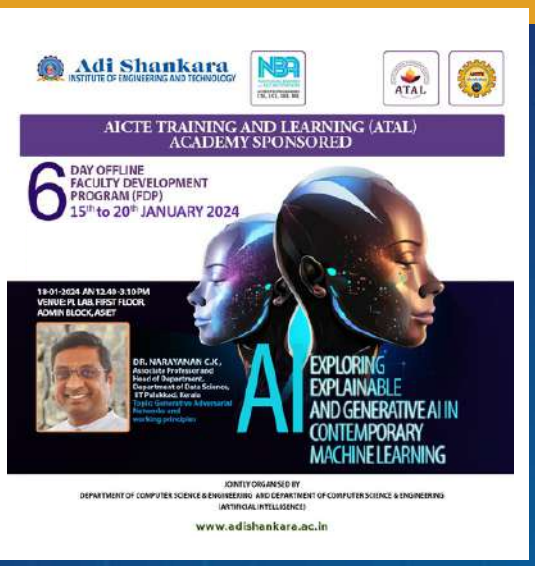
JAN 24

Day 3 (17 Jan 2024, Wednesday):

Session 5: Generative Adversarial Networks and Working Principles,
Presented by D. Narayanam CK Associate Professor & HOD, Department of Data Science, IIT Palakkad, Kerala

Key Points Covered:

-Introduction to Adversarial Networks
-Working Principles of GANs
-Applications of Adversarial Networks

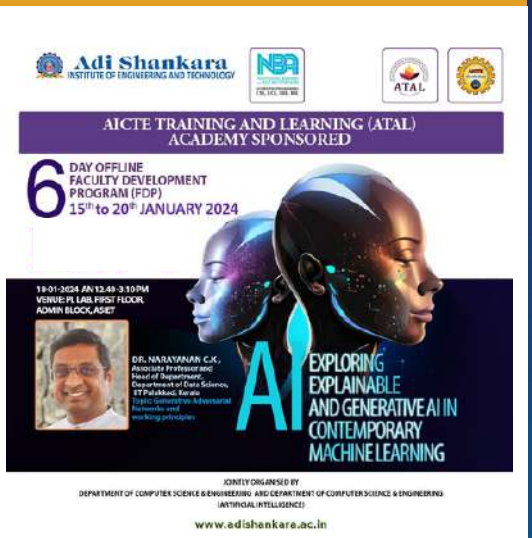


JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

Day 3 (17 Jan 2024, Wednesday):

Session 6: "Advanced Deep Learning Techniques: Transfer Learning and Autoencoders" were showcased by D. Manjula Devanand, Senior Manager and AI Research Scientist at Fusemachines, USA. She conducted practical workshops covering the basics of Adversarial Networks, the operational fundamentals of GANs (Generative Adversarial Networks), and the various applications of Adversarial Networks



Dr. TRG Nair, Advisory Board member of ASIET, engaged with participants of the FDP and extended his congratulations for their enthusiastic involvement. He emphasized the significance of gaining ample knowledge in the AI field.

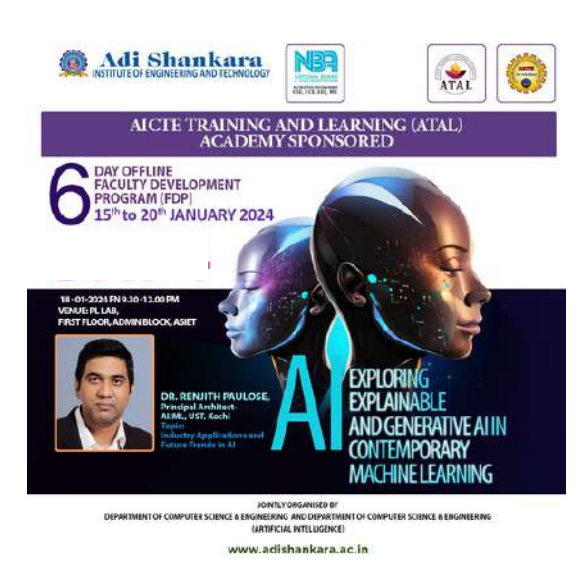
JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

Day 4 (18 Jan 2024, Thursday):

Session 7: Industry applications and future trends in AI by Dr. Renjith Paulose, Principal Architect AL/ML UST Global, Kochi. He led various sessions on

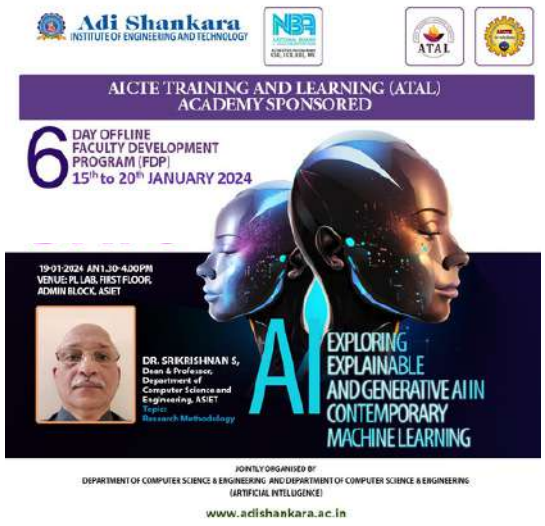
- **Introduction to AI in Cyber Security**
- **Current Challenges**
- **Case Studies**
- **Ethical Considerations**
- **Future Outlook**

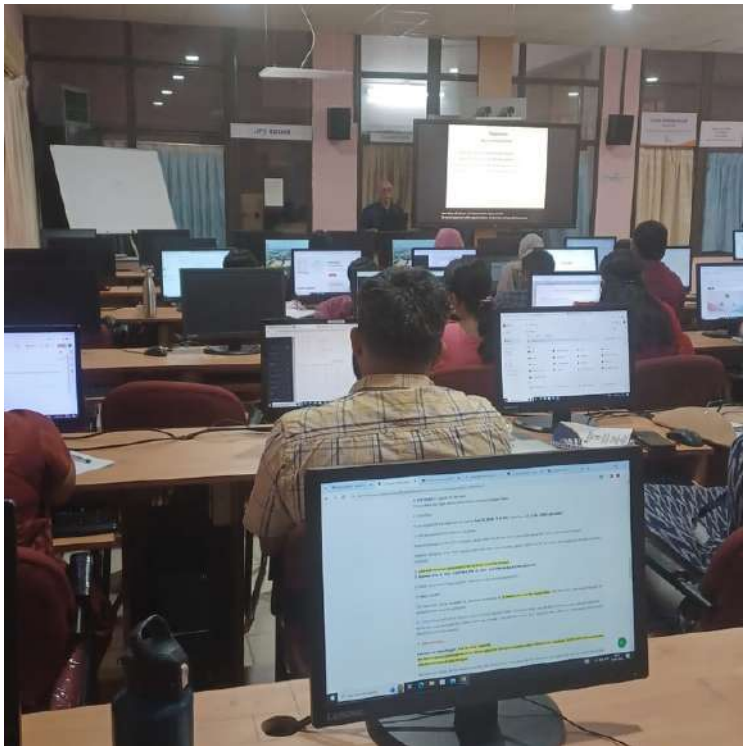


JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

Day 4 (18 Jan 2024, Thursday):
Session 8: Research Methodology by Dr. Srikrishnan Sundararajan HOD-MCA, ASIET. He covered hands-on sessions on statistical inference, hypothesis testing, various business problems, and analytical solutions.





JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

Day 5 (19 Jan 2024, Friday):

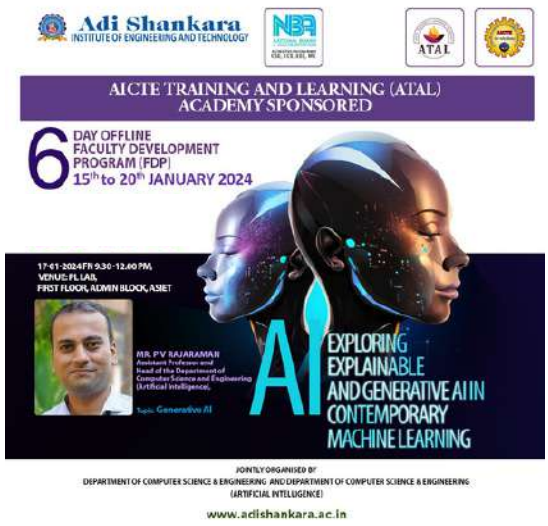
Session 9 : As part of FDP, participants had an opportunity to visit Inker Robotics in Thrissur. During the visit, they gained valuable insights into the latest advancements in robotics technology and its application in education. They also learned about the importance of robotics in fostering innovation and creativity among students. Additionally, the visit provided a platform for discussing potential collaborations between academia and the industry to enhance research and development in robotics.

JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

Day 6 (19 Jan 2024, Friday):

Session 10 : "Generative AI" was presented by Prof. P V Rajaraman, Head of the AI Department at ASIET, who delved into the topic by providing an in-depth exploration of Generative AI and its foundational theories. He extensively covered the theoretical underpinnings of Autoencoders and GANs, emphasizing its principles and conceptual frameworks..



Day 6 (19 Jan 2024, Friday):

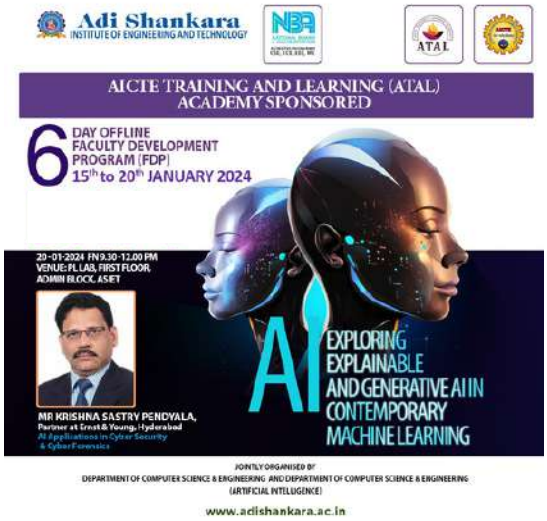
Session 10 : Prof. Manesh T, HOD-CSE at ASIET, conducted a session on Modern Generative Tools for educators and researchers. He showcased the practical applications of tools such as Chat GPT, Microsoft Copilot, and GitHub Copilot, demonstrating their effective use.

JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING

Day 6 (19 Jan 2024, Friday):

Session 10 : "Generative AI" was presented by Mr. P V Rajaraman, Head of the AI Department at ASIET, who delved into the topic by providing an in-depth exploration of Generative AI and its foundational theories. He extensively covered the theoretical underpinnings of Autoencoders and GANs, emphasizing its principles and conceptual frameworks.



Day 6 (20 Jan 2024, Saturday):

Feedback Sessions, Valedictory Function

This is the six-day training program. Each day has specific sessions outlined with topics covering various aspects of AI and machine learning. There are also practical sessions and article discussions included in the schedule. The resource persons for each session are listed at the bottom of the flier including their names and affiliations. Please note that the details for Day 4, Day 5, and Day 6 are not available in the image provided.

This FDP hosted 60 participants from 30 colleges across Kerala. The valedictory function was inaugurated by Dr. Ramesh Unnikrishnan (Advisor, ATAL Academy, AICTE) Managing Trustee Sri. K Anand delivered the Presidential Address. Dr. T. R. G. Nair, Principal in charge Dr. S. Sreepriya, Dr. S. Sreekrishnan, Prof. R. Rajaram, Prof. P. V. Rajaraman, Prof. T. Manesh, and other dignitaries addressed the gathering.

JAN
24

ATAL FDP ON EXPLORING, EXPLAINABLE AND GENERATIVE AI IN CONTEMPORARY MACHINE LEARNING PHOTO SESSION

We extend our heartfelt gratitude to the college management, office administration, heads of departments/deans, and the staff and students of ASIET for their support, making this Faculty Development Program a tremendous success.

CLICK HERE TO WATCH VIDEO

SCAN TO SEE THE
FDP WALKTHROUGH VIDEO

JAN
24

BRAHMA
LOGO LAUNCH

January 31, 2024

Venue : Main Auditorium, ASIET

The much-anticipated Brahma Logo launch event took place on January 31, 2024, at the Main Auditorium of ASIET. Organized by the students of ASIET, the event marked a significant milestone in the institution's journey.

The event commenced with the unveiling of the Brahma Logo by the enthusiastic students of ASIET. The logo, representing strength, wisdom, and creativity, captured the essence of the institution's values and aspirations.

Following the logo launch, the atmosphere was electrified with a captivating flashmob performance. Students showcased their talent and choreography skills, mesmerizing the audience with their synchronized moves and vibrant energy.

The excitement continued as the college band took the stage, delivering a stellar performance that amplified the celebratory spirit of the event. Their melodious tunes and energetic beats resonated throughout the auditorium, engaging the audience and adding to the festive ambiance.

Overall, the Brahma Logo launch event was a resounding success, bringing together students, faculty, and staff in a spirit of unity and pride. It not only showcased the creativity and talent of ASIET students but also symbolized the institution's commitment to excellence and innovation.

The event concluded with applause and cheers, leaving everyone inspired and looking forward to the promising future ahead under the emblem of the Brahma Logo.

JAN
24

REPUBLIC DAY CELEBRATION

The 75th Republic Day Celebration at ASIET was a momentous occasion marked by patriotism and pride. The ceremony commenced with the hoisting of the National Flag by Principal Sreepriya, symbolizing the unity and integrity of the nation. Students, faculty, staff and NSS volunteers gathered in enthusiasm to commemorate this significant day in the history of our nation. Principal Sreepriya delivered an inspiring address, emphasizing the importance of upholding the values enshrined in the Constitution and contributing towards the progress of the nation. Following the flag hoisting ceremony, a spirited rally was organized by the NSS (National Service Scheme) students. The rally traversed spreading the message of patriotism and the importance of upholding the ideals enshrined in the Indian Constitution. Students enthusiastically chanted slogans echoing the spirit of freedom and democracy, evoking a sense of pride and belonging among the spectators.

NEWS CORNER

EUROPEAN UNION LIFELONG LEARNING PROGRAMME

On December 28, 2023 : Adi Shankara Institute of Engineering and Technology (ASIET) coordinated the European Union Lifelong Learning Programme. Prof. (Dr) Séamus O' Tuama, Chairman of the European Union Education and Research Hub for Lifelong Learning, conducted an exploratory visit to Kerala to study the state's models of lifelong learning.

Dr. Seamus' visit was efficiently coordinated on behalf of ASIET by Senior Associate Director Dr.Jacob George. During the visit, Dr. Bindu, Minister of Higher Education, Government of Kerala, Dr. Usha Titus, Managing Director of ASAP, and Mrs. Ishita Roy, Principal Secretary, Higher Education, engaged in discussions with the visitor. Additionally, in a parallel meeting, Prof. (Dr) Séamus also held a discussion with the Heads of IBM Skill Education, Mr. Vitthal Mathyalkar, and Mrs. Rajani.

On 3 January 2024, Dr. Jacab George, Associate Director of ASIET, convened a meeting with IBM Country Manager Vithal Madyalkar, Ms. Rajani Radhakrishnan, Manager of IBM Programmes, and Dr. Séamus O'Tuama, Chairman of ASEM, LLL, Europe. The meeting focused on discussing IBM skill training programs for ASIET students.

NEWS CORNER

AFT TRIUMPHS AT CARNIVAL 2024:
FIRST PRIZE IN YELDO MAR BASELIOS COLLEGE FASHION SHOW

Adi Shankara's fashion team, AFT, emerged victorious at the Carnival 2024 fashion show hosted by Yeldo Mar Baselios College, Puthupady. The event showcased a blend of creativity, style, and innovation, where AFT secured the coveted first prize.

The Carnival 2024 fashion show brought together talent from various colleges, highlighting the vibrant and diverse fashion landscape among students. AFT, representing Adi Shankara, stood out with their unique and captivating presentation.

AFT's fashion show presentation captivated the audience and judges alike. The team demonstrated a perfect fusion of contemporary trends and traditional elements, showcasing not only fashion sense but also a keen understanding of cultural aesthetics.

AFT's creative excellence was evident in their choice of themes, attention to detail in garment design, and choreography. Their performance reflected a meticulous blend of innovation and cultural relevance, setting them apart from the competition.

NEWS CORNER

January 25, 2024: Magnus IT Fest

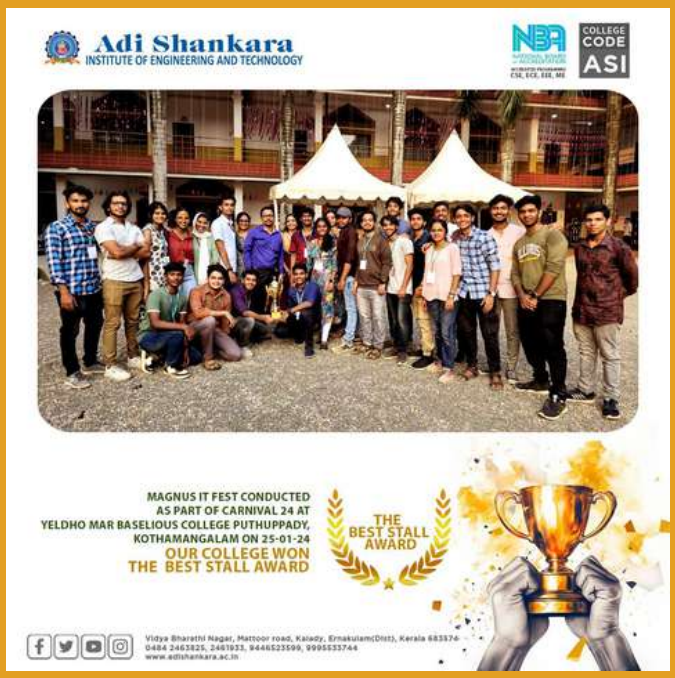
The Magnus IT Fest, a prominent event within Carnival 24, took place at Yeldho Mar Baselious College, Puthuppady, Kothamangalam on January 25, 2024. It is with great pride that I report our college's outstanding success in clinching the Best Stall Award.

The event showcased a vibrant display of technological innovation, creativity, and engagement. Our college's stall stood out for its excellence, attracting attention and admiration. The detailed and captivating presentation, coupled with interactive elements, contributed to the positive reception from both participants and visitors.

This recognition not only reflects our commitment to excellence but also highlights the dedication and hard work of the team behind our stall. It's a testament to the innovative spirit and skill within our institution.

The award not only brings honor to our college but also establishes our presence in the broader technological community. This accomplishment encourages and motivates us to continue striving for excellence in future events.

We extend our gratitude to the organizers, participants, and visitors for making Magnus IT Fest a memorable and successful event. This achievement reinforces our commitment to fostering innovation and technological prowess within our college community.



STUDENTS CORNER

Jinsha KS published a paper titled

"Review on Detection and Rectification of Distorted Fingerprint"

We are proud to announce that our M.Tech student, Jinsha KS, from the Computer Science Department, has published a paper in the esteemed Indian Journal of Computer Science and Technology (Volume 3, Issue 1, January-April 2024). The paper, titled "Review on Detection and Rectification of Distorted Fingerprint", is a significant contribution to the field of fingerprint recognition technology.

The paper addresses the issue of elastic distortion in fingerprints, which often leads to false non-matches. This problem is particularly prevalent in watch list and duplicate applications, where malicious users might intentionally alter their fingerprints to avoid detection. Jinsha presents new algorithms that can identify and correct skin deformation using just one fingerprint image. The paper also discusses the use of a Support Vector Machine (SVM) classifier for the task of distortion detection, treating it as a two-class classification problem. The registered ridge orientation map and period map of a fingerprint are used as a feature vector.

The process involves building a database of various distorted reference fingerprints and corresponding distortion fields. This research is a significant step towards improving the accuracy and reliability of fingerprint recognition systems, particularly in scenarios where the quality of fingerprints is intentionally compromised. We congratulate Jinsha KS and her guide, Professor Jeno Paul P, for this remarkable achievement. We look forward to more such contributions from our students and faculty. Keep up the good work!

STUDENTS CORNER

OUTSTANDING ACHIEVEMENT OF STUDENTS IN THE INTERNATIONAL AI, CODING & ROBOTICS PROJECT COMPETITION

January 21, 2024: Adi Shankara Institute of Engineering and Technology (ASIET) takes immense pride in announcing the outstanding achievement of its students in the International AI, Coding & Robotics project competition held at Vellore Mar Baselios College, Puthuppadi, Kothamangalam on January 21, 2024.

The winning team, consisting of Amal Mathew from 5th semester CSE, Dhikra Nazar, and Joan Teresa Jose from 5th semester CS(AI), has secured a prestigious prize money of Rs. 50,000 for their exceptional project titled "Handwriting Plotter." The competition, which attracted entries from various institutions, recognized the uniqueness and innovation demonstrated by the ASIET team.

The "Handwriting Plotter" project evidently stood out for its technical excellence, creative thinking, and innovative approach. The recognition and prize money are a testament to the hard work and dedication put forth by Amal, Dhikra, and Joan.

ASIET extends heartfelt congratulations to the winning team and expresses pride in their accomplishment. This success not only reflects the technical prowess nurtured at ASIET but also serves as inspiration for all students to strive for excellence in their academic and innovative pursuits.

The institution wishes Amal, Dhikra, and Joan continued success in their future endeavors, confident that their achievements will motivate and inspire the entire student community. Well done, team!

STUDENTS CORNER

Final year B.Tech CSE Students who successfully finished NPTEL courses between June 2023 and December 2023 have been awarded cash prizes from the Student Welfare Fund. Prof. Dr. Sojan Lal, the Dean of SOC, facilitated the distribution of these cash rewards to the students. The purpose of this initiative is to acknowledge and encourage academic achievement and the dedication to lifelong learning among the student body.

STUDENTS CORNER

PLACEMENT TRAINING

31- January 2024: ASIET has implemented continuous placement training throughout all four years for students, in partnership with industrial trainers. This program is designed to prepare students for the upcoming placement season, ensuring they are industry-ready.

PLACEMENT TRAINING-INITIATIVE BY DEPT OF CSE, CSE-AI, MCA

ASIET is also spearheading a transformative initiative, which is regular hands-on training on a course titled "Data Science using Python," revolutionizing the education system by integrating cutting-edge technologies such as Artificial Intelligence, Data Science, Machine Learning, and Deep Learning into the engineering curriculum across all streams. This comprehensive training program is designed to enhance students' analytical and problem-solving skills, while also keeping them abreast of the latest industry trends. Leveraging the expertise of our faculty, particularly from the Departments of Computer Science and Engineering and Computer Science and Engineering Artificial Intelligence, ASIET is actively bridging the gap between academia and industry, providing students with a dynamic and industry-relevant learning experience.

STUDENTS CORNER

SKILL BASED PLACEMENT TRAINING ON CYBER SECURITY AND FORENSICS

The Department of Computer Applications, in collaboration with FaceIN Technology, has launched an ongoing certification course in cybersecurity and cyberforensics. This certification is intended to secure assured placements for MCA and B.Tech students.

STUDENTS CORNER

CONGRATULATIONS

FACULTY CORNER

Advanced MS Excel Training for MBA Students

Reshma M R, Sharika T R and Wilson Joseph from the CSE department and Ann Rija Paul of CSE-AI conducted an Advanced Excel training for MBA students in the third week of January. The training covered a comprehensive range of Excel concepts, with a focus on financial functions. Participants gained proficiency from basic to advanced skills during the informative sessions.

Prof Sharika T R, attended IEEE Kerala chapter AGM

Adi Shankara Institute of Engineering and Technology (ASIET) was represented by Prof. Sharika T R, IEEE Computer Society Chapter Advisor, and Mrs. Remya KP, Branch Counsellor IEEE SB ASIET, at the IEEE Kerala Chapter Annual General Meeting (AGM) held at Hotel Abad Plaza, Kochi on 13th January 2024.

The AGM provided a platform for IEEE members to come together, share insights, and discuss the latest developments in the field of technology. Prof. Sharika T R, in her role as IEEE CS Chapter Advisor, and Mrs. Remya KP, as the Branch Counsellor IEEE SB ASIET, actively participated in discussions, contributing to the exchange of knowledge and fostering collaboration among IEEE members.

This event not only strengthened the ties between ASIET and IEEE but also highlighted the commitment of the institution in staying abreast of advancements in the technological landscape. The presence of ASIET representatives at the IEEE Kerala Chapter AGM underscores the institute's dedication to promoting excellence and staying actively engaged in the professional community.

The detailed insights and collaborative efforts shared during the AGM contribute to thecontinued growth and success of IEEE members within the ASIET community.

FACULTY CORNER

INTER-DISCIPLINARY FACULTY INTERACTIVE SESSION

DATE : 15-JAN-2024
TIME: 9.30 AM- 11-30AM
VENUE: SEMINAR HALL

IN CONNECTION WITH 6- DAY ATAL FDP @ ASIET
ORGANIZED BY DEPT. OF CSE & DEPT OF CSE-AI

SESSION ABSTRACT: Higher education institutes are expected to engage in knowledge creation (research) and transmission (teaching) as well as its application (innovation & entrepreneurship). The intersections of core disciplines provide many new avenues for this purpose. This interactive session is for interdisciplinary faculty who would like to collaboratively solve local problems by combining theory with practice. This discussion will enable how to connect research, education, innovation, and entrepreneurship ('R.E.INV.ENT'), thereby creating a 'golden spiral' of benefits. These include high-value projects (funding & publications), inspired graduates (employable & entrepreneurial), licensable patents ('know-how' & 'show-how'), and successful startups (incubation & expansion). The 'valleys of death' between idea, invention, innovation, and impact can be navigated using relevant frameworks and best practices, which will be illustrated by success stories of research translation. We will also discuss how to create the ecosystem for a world-class institute with global excellence and local relevance, contributing to nation-building.

RESOURCE PERSON

PROF. B. RAVI

PROFILE: Prof. B. Ravi is the Director of the National Institute of Technology Karnataka at Surathkal, Mangalore, since June 2023. He is a distinguished alumnus of NIT Rourkela, where he completed his B.Tech in Mechanical Engineering, followed by Masters and a Ph.D. at IISc Bangalore. He then joined IIT Bombay as a faculty member, where he made significant contributions in multiple fields, including metal casting, 3D printing, and medical devices, over the last three decades. Ravi is well-known as the founder of E-Foundry and BETIC – Biomedical Engineering & Technology Innovation Centre, both of which have inspired similar cells in other institutes. He also served as the first head of the Desai Sethi School of Entrepreneurship. His team members have filed 60 patents and 10 copyrights, most of which have been licensed to startups or industry. He has shared his knowledge through 250 technical papers, 300 invited talks, and 75 training programs. As a member of governing councils of institutes and expert committees of government agencies, he actively contributes to relevant project reviews and policy recommendations. Ravi is a Fellow of the Indian National Academy of Engineering and holds the prestigious Abdul Kalam Technology Innovation National Fellow title.

FACULTY CORNER

JAN
24

On 15th Jan 2024, Prof. B Ravi, the esteemed Director of NIT Surathkal, engaged in an interactive session with faculty members. The purpose of the session was to discuss research opportunities within the institute and address the challenge of balancing research commitments alongside academic responsibilities.The interaction session with Prof. B Ravi, Director of NIT Surathkal, served as a catalyst for fostering a culture of research excellence within the institution. Faculty members departed the session with renewed enthusiasm and a deeper understanding of the research opportunities available to them. Prof. B Ravi's guidance and insights will undoubtedly propel NIT Surathkal towards greater heights of academic and research excellence.

FACULTY CORNER

RESEARCH NETWORKING SEMINAR

The Research Networking Seminar, featuring Dr. Sanjay Madria, was held on 12th January 2024 at ECE Seminar Hall. The event aimed to provide valuable insights into various fields of information security, a critical aspect of the academic and scientific community. Dr. Sanjay Madria is a renowned scholar and researcher, recognized for his significant contributions to the field of computer science and information security. Dr. Madria emphasized the importance of interdisciplinary collaboration in fostering innovation. He shared case studies and success stories that illustrated the positive outcomes of diverse collaborations in research with other universities abroad.

FACULTY CORNER

JAN
24

On January 17, 2024: Dr. Narayanan (CK) C Krishnan, Head of Department (HOD) of Data Science at IIIT Palakkad, conducted an interactive session with the School of Computing faculty members. The purpose of the session was to discuss trends and the scope of data science in contemporary contexts. Dr. Narayanan initiated the discussion by elaborating on emerging trends in data science, including Artificial Intelligence, Machine Learning, Big Data Analytics, Natural Language Processing, and Predictive Modeling. He emphasized the transformative potential of these technologies in various sectors.The scope of data science was explored in depth, covering areas such as business intelligence, healthcare analytics, financial forecasting, and social media analysis. Dr. Narayanan elucidated the myriad applications of data science across domains, underscoring its interdisciplinary nature.The session delved into the challenges and opportunities inherent in the field of data science. Faculty members engaged in discussions about data privacy concerns, algorithm bias, skill shortages, and the need for continuous upskilling to stay abreast of evolving technologies.

FACULTY CORNER

JAN
24

Prof Eldhose P Sim and Dr. Shyni attended 6 days ATAL FDP On Optimisation Techniques for ML/AI at Rajagiri school of Engineering on 8th Jan -13th Jan 2024

We are delighted to announce that Binju Saju, a member of our Department of Computer Science and Engineering (Artificial Intelligence), has successfully completed her public defense of her PhD thesis. The thesis, entitled "Risk Factor Based Stage Advancement Prediction of Cataract Using Deep Learning Techniques", was presented at CHRIST (Deemed to be University), Bangalore Central Campus.

Binju's research is a significant contribution to the field of artificial intelligence and healthcare. Her work focuses on predicting the progression of cataract stages based on risk factors using advanced deep learning techniques. This could potentially revolutionize the way we understand and treat this common eye condition

FACULTY CORNER

Seminar on ETLAB

Prof. Teena George, Assistant Professor of Computer Science and Engineering, conducted an orientation seminar on the effective utilization of Etlab, the newly implemented ERP system at ASIET.

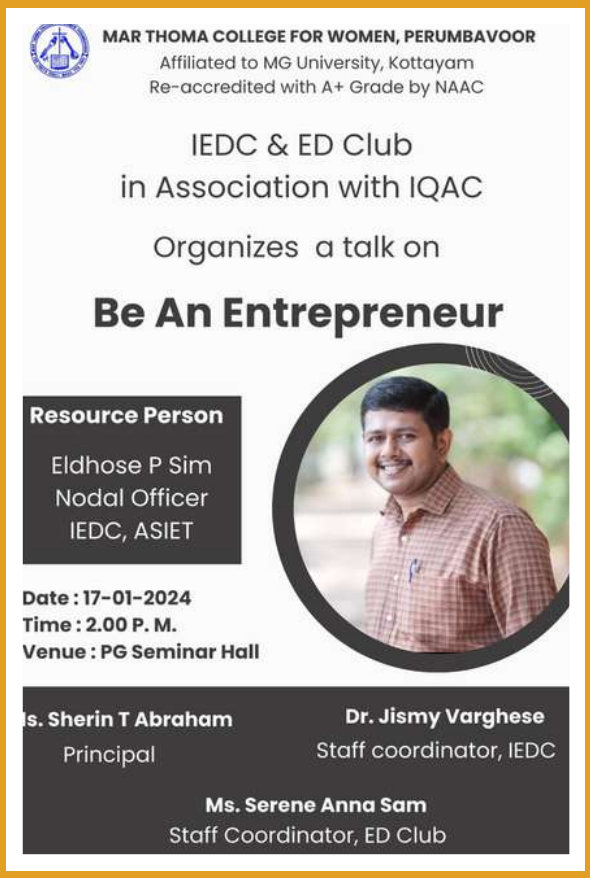
IEDC CORNER

Be An Entrepreneur

Adi Shankara Institute of Engineering and Technology (ASIET) recently had the honor of participating in an event titled "Be An Entrepreneur". The event was organized by Mar Thoma College for Women, Perumbavoor, and was affiliated with MG University, Kottayam. It was conducted by the IEDC & ED Club in association with IQAC.

The resource person for the talk was our very own Professor Eldhose P Sim, who is the Nodal Officer of IEDC at ASIET. The event took place on 17th January 2024 at 2:00 PM in the PG Seminar Hall.

The talk focused on entrepreneurship, aiming to inspire and guide the attendees on their journey to becoming entrepreneurs. Professor Sim shared his insights and experiences, providing valuable advice to the aspiring entrepreneurs.



IEDC CORNER

IIC 15th Regional Meet

16th January 2024 :Prof.Eldhose P Sim participated in the IIC 15th Regional Meet held on 16th January 2024 at CUSAT, Kochi.

Prof. Eldhose P Sim, the Nodal Officer of IEDC at Adi Shankara Institute of Engineering and Technology (ASIET), actively engaged in the IIC 15th Regional Meet hosted on 16th January 2024 at Cochin University of Science and Technology (CUSAT), Kochi.

The event, organized by the Institution's Innovation Council (IIC), brought together academic professionals, researchers, and experts from various institutions to discuss and exchange ideas on innovation and entrepreneurship. The focus was on promoting a collaborative environment that encourages creativity and problem-solving within the academic community.

Prof. Eldhose P Sim actively participated in panel discussions, workshops, and networking sessions during the regional meet. His contributions were centered around fostering an entrepreneurial mindset and promoting innovation among students. With his extensive experience as the Nodal Officer of IEDC at ASIET, Professor Sim shared valuable insights, best practices, and success stories related to innovation and entrepreneurship.

The event served as a valuable platform for knowledge sharing, enabling participants to explore new trends, technologies, and strategies in the field of innovation. Professor Eldhose P Sim's active involvement underscored ASIET's commitment to staying at the forefront of fostering innovation and nurturing an entrepreneurial spirit within its academic community

TBI CORNER

Industrial Visit to Adi Shankara Technology Business Incubator (TBI)

Adi Shankara Technology Business Incubator (TBI) recently hosted an Industrial Visit (IV) for Cochin University of Science and Technology (CUSAT) as part of the AICTE Sponsored Six-Day ATAL Faculty Development Program (FDP) on IoT Essentials for Industry 4.0. The visit aimed to enhance participants' understanding of IoT applications and their relevance in Industry 4.0. The program, organized by CUSAT's Department of Computer Applications, provided valuable insights into the rapidly evolving field of Internet of Things (IoT) and its impact on industry practices.

The visit saw participation from forty faculty members from various parts of the country. The attendees had the opportunity to explore the Research & Development (R&D) and production facilities of the startups at Adi Shankara TBI.

The visit underscored the role of Adi Shankara TBI as a Technology Business Incubator, contributing to the growth and development of startups. It also emphasized the importance of such industrial visits in providing exposure to faculty members about the latest trends in Industry 4.0 and IoT.

The event was a significant step towards fostering an industry-academia collaboration, providing an insight into the practical aspects of the startup ecosystem to the faculty members. It also highlighted the concept of 'Industry Within An Institution', showcasing how academic institutions can incubate and nurture technology startups.

TBI CORNER

Prof.Gayathri Dili of CSE-AI Dept. was a resource person for Gifted Children Program 2023-2024 by Govt. of Kerala for promotion of excellence among gifted students from classes VIII, IX,X, on 20 January 2024 at Adi Shankara Institute of Engineering and Technology, Kalady.

The session was totally interactive with very enthusiastic minds from various schools in kerala.

Around 65 students from various schools attended this session on INTRODUCTION TO ARTIFICIAL INTELLIGENCE

JAN
24

TBI CORNER

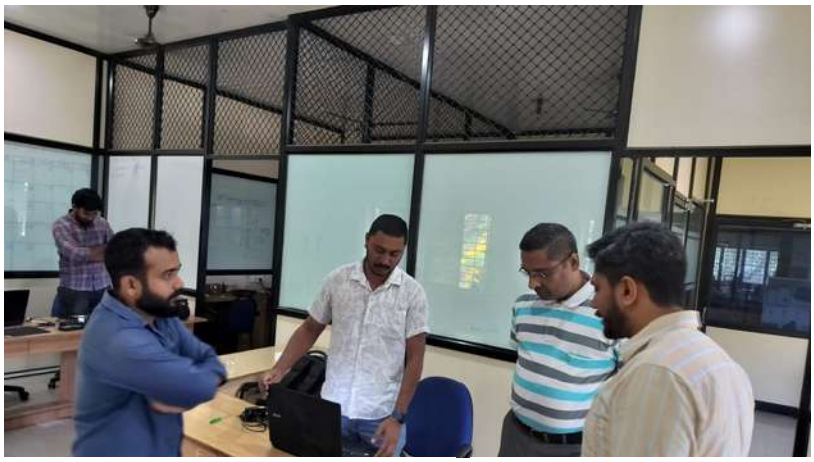
Interactive Session" Future Scope of Computer Engineering and Entrepreneurship- Govt Polytechnic College Perumbavoor

8th Jan 2024: The Dept.CSE organized an interactive session on the future scope of computer engineering and entrepreneurship possibilities was conducted with Government Polytechnic students perumbavoor on 18th Jan 2024 to explore the evolving landscape of technology and the entrepreneurial opportunities within it.Prof Manesh, HOD CSE introduced students to various emerging technologies such as Artificial Intelligence, Internet of Things, Blockchain, Virtual and Augmented Reality, and Quantum Computing. Students discussed the potential applications of these technologies in different sectors. Dr. Sanaj MS Discussed the current and future industry trends including Cloud Computing, Cybersecurity, Data Science, Autonomous Systems, and Green Computing. Students explored the implications of the trends on the future of computer engineering and entrepreneurship. Prof Eldhose P Sim ,IEDC Nodal Officer highlighted entrepreneurship opportunities within the tech industry. Students learned about startup ecosystems, innovation hubs, and funding opportunities available for aspiring entrepreneurs. The session summarized key insights and takeaways from the session, highlighting the vast opportunities available in computer engineering and entrepreneurship. Students were encouraged to pursue their passions, leverage emerging technologies, and explore entrepreneurial endeavors in the tech industry.

TBI CORNER

Dr. Narayanan (CK) C Krishnan, HOD Data Science, IIT Palakkad visited our TBI on 17th Jan 2024

Dr. Narayanan (CK) C Krishnan, Head of Department (HOD) of Data Science, visited Adishankara TBI on January 17, 2024. The purpose of the visit was to explore collaboration opportunities, discuss potential initiatives, and assess the innovation ecosystem at the incubator.Dr. Narayanan explored research opportunities in emerging fields such as Artificial Intelligence, Machine Learning, Big Data Analytics, and Predictive Modeling. He expressed interest in leveraging the expertise and resources available at Adishankara TBI to address real-world challenges and contribute to scientific advancements.The discussions and interactions during the visit laid the foundation for future collaboration and partnership between the Data Science Department and Adishankara TBI. Both parties expressed enthusiasm and commitment to fostering innovation, entrepreneurship, and knowledge creation in the field of data science and technology.



NSS CORNER

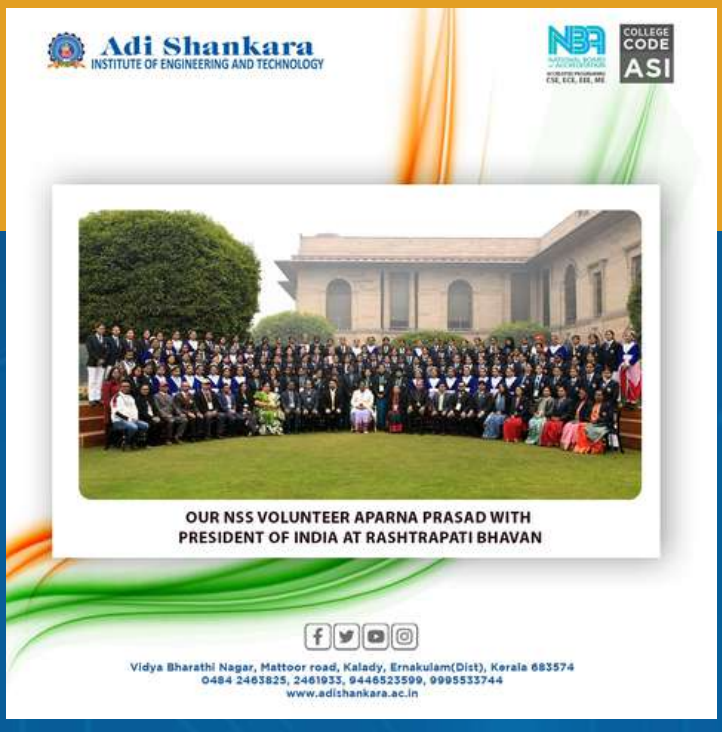
Ms. Aparna Prasad (S6 ECE) demonstrated exceptional dedication and patriotism by participating in the NSS contingent

Aparna Prasad, serving as the Assistant Finance Lead of IEDC ASIET, demonstrated exceptional dedication and patriotism by participating in the NSS contingent during the Republic Day Parade at Karthavya Path, New Delhi, on 26th January 2024.

Aparna's active involvement in such a prestigious national event reflects her commitment to service and national spirit. IEDC takes immense pride in congratulating Aparna Prasad on this remarkable accomplishment. This achievement not only highlights her individual excellence but also brings honor to the IEDC ASIET community.

The Republic Day Parade is a platform that showcases the diverse talents and capabilities of individuals, and Aparna's participation adds to the pride and prestige of the institution. This accomplishment serves as an inspiration to others within the IEDC ASIET community, emphasizing the importance of contributing to national events and embodying the spirit of service and leadership.

In extending sincere congratulations to Aparna Prasad, IEDC acknowledges her dedication, skill, and the positive representation she has brought to both the institution and the NSS contingent. This outstanding achievement exemplifies the values of IEDC ASIET and the commitment of its members to excellence and national pride.



WELCOME ABOARD

We are delighted to welcome Prof. Dr. M.S. Murali as the new Principal of ASIET.

Dr. Murali brings over 30+ years of experience in academia and industry. He has served as Principal at ACS College of Engineering, Alpha College of Engineering, and Director at Dronacharya Group of Institutions. He was also a Professor at R.V. College of Engineering for over 23 years. His illustrious career includes being a production engineer at an industrial fasteners company. He has successfully navigated through several NBA as well as NAAC accreditation processes for various institutions.

Dr. Murali has a Ph.D. in Mechanical Engineering from Mysore University focused on Materials. He earned his M.E. in Metal Casting Science and Engineering from Bangalore University and B.E. in Mechanical Engineering also from Bangalore University. His memberships and contributions to academia are notable. He has served on various university committees including being a Member of the LIC Committee for affiliation under VTU and UPTU. He was also Chairman of the Research Center affiliation committee at Tumkur University and on the Board of Studies at Nitte Meenakshi Institute of Technology.

We welcome Dr. Murali's passion for education, teaching and research as well as his valuable industry perspective. We wish him the very best to lead ASIET to new heights.

WELCOME ABOARD

We are delighted to welcome Prof. Dr. P Sojan Lal as the Dean of the School of Computing and Strategic Planning at the Adi Shankara Institute of Engineering and Technology. With over three decades of experience in higher education and engineering, Dr. Lal brings a wealth of knowledge, leadership, and innovation to our institution.

Dr. Sojan Lal, with 30+ years of experience, is a leader and innovator in higher education/engineering. He is an international expert with published books, research papers, and organized webinars reaching over 18,000 participants. He holds a PhD in computer science and aims to advance knowledge and foster collaboration. Dr. Lal also holds an MBA in Business Administration and Management from the University of Strathclyde (2009-2011).

Prior to this appointment, Dr. Lal brought a wealth of experience to various institutions, serving as Principal and Professor at MBITS Kothamangalam, Research Supervisor for Kerala Technological University, MG University, and Petroleum and Energy Studies in Dehradun, Uttarakhand. Furthermore, Dr. Lal co-founded and served as the Founding Managing Director of the Asian Institute of Petroleum and Construction Technology (AIPCT).

We extend our best wishes to him to lead SOC and ASIET towards achieving new milestones.

WELCOME ABOARD

Dr. Shyni Shajahan joined Dept of CSE as Assistant Professor on Jan 25th. She holds a Ph.D. from Noorul Islam University, Tamilnadu. Her expertise encompasses advanced algorithms and technologies for image analysis and computer vision. Before embarking on her doctoral journey, she obtained her B.Tech in Information Technology (2003-2007) and her M.Tech in Computer and Information Science (2011-2013) from TKM Institute of Technology (TKMIT) under CUSAT. With over a decade of teaching experience at prestigious engineering colleges such as KMEA Engineering College, Edathala (2021-2023), KR Gouriamma College of Engineering, Cherthala (2014-2021), and Perumon College of Engineering, Kollam (2008-2010). We warmly welcome Dr. Shyni to the ASIET family and wish her all the best in her endeavors.

Ms. Thrishna M S

Ms. Thrishna M S has recently taken up the role of Lab Instructor in the Department of Computer Science and Engineering. She holds an MCA degree from FISAT and has completed an internship at One Team Solutions Pvt Ltd, focusing on Full Stack Development in Python-Django. Throughout her academic and professional journey, she has acquired skills in a range of technologies including HTML, CSS, JavaScript, Angular, React, GitHub, and Django. We warmly welcome Ms Thrishna to the ASIET family and wish her all the best in her endeavors.

JAN
24

CERTIFICATION COURSES

Skill Based Certification Courses

- **Course Name**: Certification Program in Cybersecurity & Forensics
- **Certified by:** NASSCOM and Ministry of Electronics & Information Technology (Govt. of India)
- **Course Duration**: 100 Hours
- **Course Fee:** Rs. 13,600/-
- **Government Incentive**: 50% of the fee will be refunded by Govt. of India for the eligible candidates
- **Placement Support**: 100% Placement support will be provided by NASSCOM and FACEIN
- Interested candidates can register in the below link:
- https://forms.gle/V8tg2Qa9CAZCQjyg6

CERTIFICATION COURSES

JAN
24

Skill Based Certification Courses

- **Course Name**: Certification Program in PHP Full Stack Web Development
- **Certified by:** STED COUNCIL
- **Internship:** Internship certificate will be provided by FACEIN
- **Course Duration**: 100 Hours
- **Course Fee:** 12000/- plus GST
- **Note:** Students can pay the fee in four instalments.
- **Placement Support:** 100% Placement support will be provided by FACEIN
- **Interested candidates can register in the below link:**
- https://forms.gle/pjFeh8RXhJzDn1P58
- **Please click on the below link to view the brochures:**
- https://drive.google.com/drive/folders/17WAlt1pIzVqhYmPnvq4gMZMjk-bjd6Z7?usp=drive_link

JAN
24

CERTIFICATION COURSES

Skill Based Certification Courses

- **Course Name**: Certification Program in Python Full Stack Web Development
- **Certified by:** STED COUNCIL
- **Course Duration:** 100 Hours
- **Course Fee:** 12000/- plus GST
- **Note:** Students can pay the fee in four instalments.
- **Placement Support:** 100% Placement support will be provided by FACEIN
- **Interested candidates can register in the below link:**
- https://forms.gle/pjFeh8RXhJzDn1P58
- **Please click on the below link to view the brochures:**
- https://drive.google.com/drive/folders/17WAlt1pIzVqhYmPnvq4gMZMjk-bjd6Z7?usp=drive_link

JAN
24

CERTIFICATION COURSES

Skill Based Certification Courses

- **Course Name**: Certification Program in Data Science
- **Certified by:** STED COUNCIL
- **Course Duration:** 100 Hours
- **Course Fee:** 12000/- plus GST
- **Note:** Students can pay the fee in four instalments.
- **Placement Support:** 100% Placement support will be provided by FACEIN
- **Interested candidates can register in the below link:**
- https://forms.gle/pjFeh8RXhJzDn1P58
- **Please click on the below link to view the brochures:**
- https://drive.google.com/drive/folders/17WAlt1pIzVqhYmPnvq4gMZMjk-bjd6Z7?usp=drive_link

CERTIFICATION COURSES

Top 5 Free Certification from IBM on Data Science

Python free certification :
https://cognitiveclass.ai/courses/python-for-data-science

SQL Free Cerification :
https://cognitiveclass.ai/courses/learn-sql-relational-databases

Machine Learning Certification :
https://cognitiveclass.ai/courses/machine-learning-with-python

Data Science Free Certification :
https://cognitiveclass.ai/learn/data-science-with-python

Data Analysis :
https://cognitiveclass.ai/courses/course-v1:CognitiveClass+DA0101EN+v2

POPULAR PLACEMENT EXAMINATIONS

The TCS National Qualifier Test (NQT)

The TCS National Qualifier Test (NQT) is a recruitment exam by India's largest IT firm, TCS. It's partnered with over 2700 companies across 23 domains in IT and non-IT sectors. Eligible candidates include final year students, pre-final year students, graduates from 2018 to 2022, and professionals with up to 2 years of experience. Various exam packages are available, with NQT IT specifically for IT professionals. A scorecard with a 2-year validity is provided. More information and registration for the NQT exam can be found [here] (https://learning.icsionhub.in/hub/national-qualifier-test/). The NQT is conducted every 2-4 weeks, and applications for the next TCS NQT are open until November 1st.

https://learning.tcsionhub.in/hub/national-qualifier-test/

Infosys Test

Infosys conducts an online test as part of its recruitment process, which includes a technical interview and an HR interview. Eligible candidates for this process include those with qualifications such as B.E., B.Tech, M.Tech, and M.S.C. Backlogs are not allowed. The online test consists of sections like mathematics, analytical reasoning, verbal ability, coding, and puzzle-solving. The online test can be taken from the comfort of your home. Technical interviews, which include questions related to topics like C, C++, and data structures, are conducted in the final rounds.

https://www.infosys.com/careers.html

Aspiring Minds Computer Adaptive Test

The "Aspiring Minds Computer Adaptive Test (AMCAT)" is an assessment test primarily used by entry-level job seekers to help various companies assess candidates. Many companies, such as SAP, Deloitte, ITC, Axis Bank, and Accenture, utilize AMCAT scores. It assesses skills in various areas, including communication skills, logical reasoning, and quantitative skills. An AMCAT score is valid for one year.

https://www.myamcat.com/

POPULAR PLACEMENT EXAMINATIONS

CoCubes

CoCubes is an employment evaluation conducted by businesses in the fields of IT products and services, knowledge processing, and outsourcing. It evaluates candidates in areas like computer proficiency, programming abilities, personality traits, aptitude, and technical skills. The resulting score remains valid for a year.

https://cocubes.com/

E-Litmus

E-Litmus is one of the oldest recruitment tests in the field of IT recruitment examinations. It assesses candidates in areas such as problem-solving, reasoning, quantitative aptitude, verbal ability, and more. The score remains valid for two years. Companies like McCafe, IBM, Accenture, ITC InfoTech, HCL, Mindtree, and many others utilize these scores for their recruitment processes.

https://www.elitmus.com/

Mettl Employability Test

Mettl Employability Test assesses communication skills, logical reasoning, quantitative aptitude, and technical skills. It is utilized by more than 700 companies for their recruitment processes, and the score remains valid for one year.

https://mettl.com/

Corporate Employability Assessment Test

Corporate Employability Assessment Test conducted by Freshersworld, a leading job information portal. It assesses attributes like aptitude, technical skills, and communication skills. It covers areas such as C, C++, .Net, Java, Networking, PHP, and Software Testing when evaluating technical proficiency.

https://www.freshersworld.com/ceat

TECH NEWS

- **Insights From Davos: The Future Of Work In The Age Of Generative AI**

At this year's World Economic Forum in Davos, generative AI emerged as a dominant theme, surpassing topics like climate change and cryptocurrencies. The rapid adoption of gen AI, with 55% of people globally using it in their work, has caused excitement and anxiety among leaders and workers alike. While CEOs largely see its benefits, many employees fear job loss. The forum emphasized the need for a human-centric approach to automation, focusing on reskilling and redesigning work to integrate gen AI effectively and equitably, ensuring a future-ready work force that balances economic and empathetic considerations in this new era of work.

- **New brain-like Transistor Mimics Human Intelligence**

Researchers from Northwestern University, Boston College, and MIT have created a new synaptic transistor, inspired by the human brain, that operates at room temperature, is energy-efficient, and retains information without power. This device, which processes and stores information simultaneously, surpasses previous brain-like computing devices by demonstrating associative learning and higher-level cognitive abilities. Utilizing moiré patterns from layered materials like graphene, this advancement in neuromorphic technology holds promise for complex problem-solving and AI advancements. The research, supported by the National Science Foundation, marks a significant step towards mimicking human brain functionality in computing.

- **CES 2024 Recap: From Invisible TVs to Brain-scanning Headphones**

CES 2024 in Las Vegas showcased a wide range of futuristic technologies, with a strong focus on the integration of artificial intelligence across various sectors. Highlights included Asus revealing its ROG Phone 8 series with advanced features, Nvidia announcing the GeForce RTX 4080 SUPER chip for enhanced gaming, and Volkswagen integrating ChatGPT in its cars. LG unveiled a transparent OLED TV, while Samsung and Hyundai developed "Home-to-Car" services. Innovative products like Sennheiser's earbuds with aptX Lossless Audio, Lenovo's AI-powered laptop, and Master & Dynamic's brain-scanning headphones were also featured. The event continued with smart rings, AI-driven devices, large ULED TVs, health-monitoring earbuds, advanced VR headsets, and new Alexa Skills.

TECH NEWS

- **Google Turns Off Cookies for 30 Million Chrome Users, and That's Just 1%**

Google has begun phasing out third-party cookies, starting with 1% of Chrome users, and plans to eliminate them entirely by Q3 2024. This significant change affects digital advertising, as third-party cookies have long been used for targeted ads. The shift is driven by increasing digital privacy concerns, and Chrome's dominant market share makes its cookie removal impactful. Advertisers, still heavily reliant on cookies, are scrambling to adapt to new tracking methods like Google's "Privacy Sandbox." The end of third-party cookies necessitates that advertisers diversify data sources and embrace new technologies to stay relevant.

- **Microsoft Executive Emails Hacked by Russian Intelligence Group**

Microsoft reported that Nobelium, a Russian intelligence group, breached the email accounts of some top executives. This group, also behind the 2020 SolarWinds attack, was detected by Microsoft last week. Despite the breach, Microsoft believes there was no significant impact on customer data, production systems, or proprietary source code. The U.S. Cybersecurity and Infrastructure Security Agency is working with Microsoft to assess the incident.

- **SpaceX Launches First Satellites for T-Mobile's Direct-to-cell Service**

SpaceX and T-Mobile's collaboration has launched the first six of approximately 840 Starlink satellites, marking a significant step in their direct-to-cell service project. This initiative, aimed at eliminating mobile dead zones, will soon begin field testing, leveraging T-Mobile's spectrum and SpaceX's satellite technology. While in the testing phase and awaiting FCC approval, this service focuses on providing outdoor connectivity in remote areas. Competitors like AT&T and Verizon are also exploring satellite connectivity, but the success and practicality of SpaceX and T-Mobile's ambitious project, especially in terms of indoor coverage and user experience, remain to be seen.

- **US to Provide Hundreds of Millions in State Support to Domestic Semiconductor Production**

The Biden administration has announced a $162 million investment in Microchip Technology to boost domestic semiconductor production in the United States. This funding, linked to a 2022 law aimed at revitalizing U.S. semiconductor manufacturing, includes $90 million for enhancements to a facility in Colorado Springs, Colorado, and $72 million for expanding a plant in Gresham, Oregon. This investment from the U.S. Commerce Department will enable Arizona-based Microchip Technology Inc. to triple its domestic production capacity and lessen its reliance on overseas factories

ADI SHANKARA SKILL KENDRA CORNER

To Know More

STUDENTS CORNER

IBM SKILL-BUILD INTERNSHIP

PLACEMENTS

Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
NBA
CSE, ECE, EEE, ME
GOVIND M PILLAI
AMRUTHA SURESH
U HARI KRISHNAN
NAVANEETH SUDEVAN
CONGRATULATIONS
ESAF
ESAF SMALL FINANCE BANK
ON GETTING PLACED @ ESAF BANK
DEPARTMENT OF COMPUTER SCIENCE
2020-2024 BATCH
Vidya Bharathi Nagar, Mattoor road, Kalady, Ernakulam(Dist), Kerala 683574
0484 2463825, 2461933, 9446523599, 9995533744
www.adishankara.ac.in

Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
NBA
CSE, ECE, EEE, ME
JEMIYAH LIJO
CONGRATULATIONS
PENTAGON SPACE
ON GETTING PLACED @ PENTAGON SPACE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
2020-2024 BATCH
Vidya Bharathi Nagar, Mattoor road, Kalady, Ernakulam(Dist), Kerala 683574
0484 2463825, 2461933, 9446523599, 9995533744
www.adishankara.ac.in

PLACEMENTS

Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
NBA
CSE, ECE, EEE, ME
AMALAJI
HARIPRIYA R NAIR
DANE JOSE
CONGRATULATIONS
PENTAGON SPACE
Mastering The Future
ON GETTING PLACED @ PENTAGON SPACE
DEPARTMENT OF COMPUTER SCIENCE
2020-2024 BATCH
Vidya Bharathi Nagar, Mattoor road, Kalady, Ernakulam(Dist), Kerala 683574
0484 2463825, 2461933, 9446523599, 9995533744
www.adishankara.ac.in

Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
NBA
CSE, ECE, EEE, ME
RINCY PEREIRA
ASWATHY JAYAKRISHNAN
GEEBA BABU
CONGRATULATIONS
ESAF SMALL FINANCE BANK
Joy of Banking
ON GETTING PLACED @ ESAF BANK
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI)
2020-2024 BATCH
Vidya Bharathi Nagar, Mattoor road, Kalady, Ernakulam(Dist), Kerala 683574
0484 2463825, 2461933, 9446523599, 9995533744
www.adishankara.ac.in

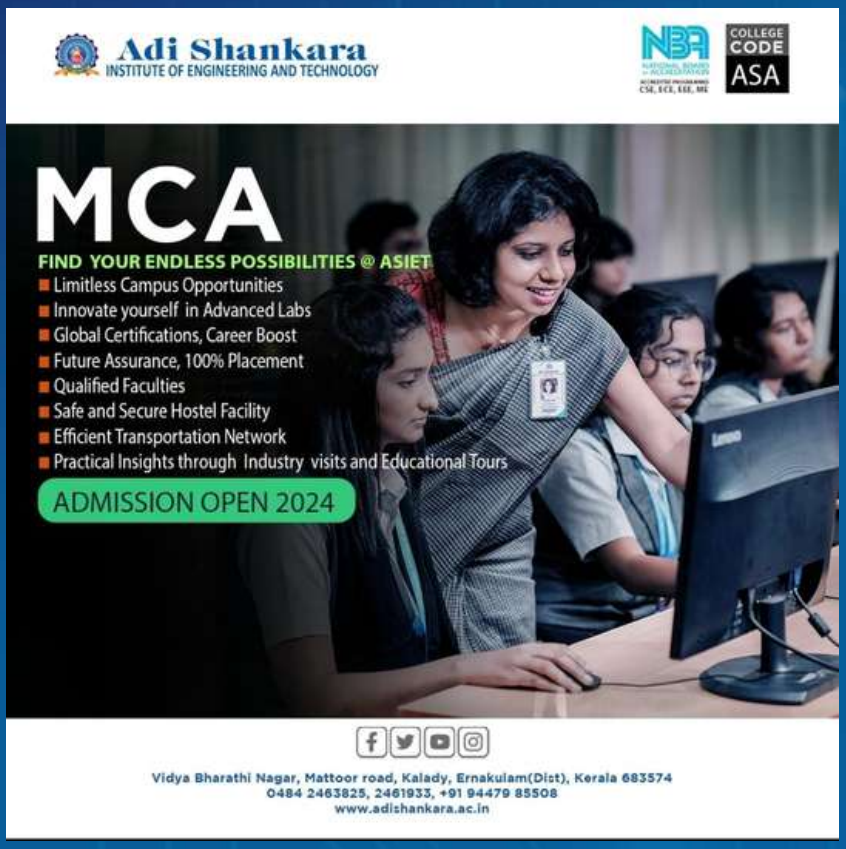
PLACEMENTS

Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
NBA
SANDRA A.K
AMRUTHA DAS
CONGRATULATIONS
PENTAGON SPACE
ON GETTING PLACED @ PENTAGON SPACE
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AI)
2020-2024 BATCH
Vidya Bharathi Nagar, Mattoor road, Kalady, Ernakulam(Dist), Kerala 683574
0484 2463825, 2461933, 9446523599, 9995533744
www.adishankara.ac.in

Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
NBA
BEN CHACKO CHITTILAPPILLY
EEE
MALAVIKA S MENON
ECE
ANTONY LINSENT
RA
SMRITHI M
CSE
JOBIN JOSE
CSE
REVATHY P M
CSE
CONGRATULATIONS
MANAPPURAM FINANCE LIMITED
ON GETTING PLACED @ MANAPPURAM
2020-2024 BATCH
Vidya Bharathi Nagar, Mattoor road, Kalady, Ernakulam(Dist), Kerala 683574
0484 2463825, 2461933, 9446523599, 9995533744
www.adishankara.ac.in

ADMISSION CORNER

ADMISSION CORNER



BLOG CORNER

ENGINEERS' ROLE IN SHAPING THE FUTURE

The article primarily focuses on emerging multi-disciplinary engineering and technology disruptive innovations in the past, present, and possible future trends in the history of mankind. Such innovations will impact human life and bring about positive changes. Historically, significant innovations include the invention of paper around the 2nd century BCE, the printing press in 1440, the steam engine in the late 17th century, electricity in the late 19th century, the telegraph in 1930, the automobile and its developments in the late 19th century and early 20th century, radio in the early 20th century, television developments during 1920 to 1930, transistors in 1947, and developments in the internet from 1960 to 1980. The Intel microprocessor 4004 was developed in 1971, and later Intel 8008 launched in 1972, Intel 8080 in 1974, and Intel 8086 in 1978, marking the transition to 16-bit architecture, offering improved performance and capabilities. Personal computers were developed during 1970 to 1980, and the world wide web emerged in 1989. Furthermore, smartphones, e-commerce, social media, streaming services, digital photography, electric vehicles, and artificial intelligence have notably changed the quality of human life, along with advancements in the earlier mentioned domains and inventions.

Innovation and disruption are integral forces across industries, and engineers play a pivotal role in shaping the future through their creative problem-solving skills and technological advancements outlook. Innovation involves the creation of novel ideas, processes, or products that bring about positive change. Engineers are at the forefront of innovation, leveraging their technical expertise to design solutions that address complex challenges, from sustainable energy technologies to breakthroughs in healthcare.

Disruption occurs when innovative ideas revolutionize existing industries or create entirely new ones. A classic example is the smart mobile phone, combining many applications in one device in the current scenario and becomes an integral part of human being.

BLOG CORNER

ENGINEERS' ROLE IN SHAPING THE FUTURE

It is worth mentioning that the interdisciplinary nature of engineering allows professionals to collaborate across fields, creating synergies that lead to holistic advancements. Such interdisciplinary approaches are evident in defense applications, aviation industries, aerospace engineering, space explorations, satellite technology, process industries like the petroleum and chemical industries, production industries like automobiles and pharmaceuticals, and in the IT industry with many verticals related to engineering, management, and commerce. Complex engineering solutions and efficient management strategies are essential for effective logistic management using air, inland, and sea. Further advancement in all these arenas will give significant contributions to the society.

Defining a particular branch of engineering in the examples illustrated above becomes extremely difficult, and an effective collaborative work environment in multiple teams to realize common objectives is crucial for the success of each project. Collaboration with academia and industry is also extremely important for a win-win situation to meet the dynamic requirements of the industry and to meet the up-trending higher expectations of the stakeholders. Academia should be capable of providing solutions to industry, and the promotion of campus start-ups is essential to have a sustainable ecosystem.

The emphasis of future cutting-edge domains may include, but is not limited to, advancements in emerging areas such as Information Technology (IT), Cyber Security, Quantum Computing, Blockchain-based solutions, Perception and Cognitive Engineering, AR, VR, Metaverse and Virtual Economics, Multisensory Immersion, Deepfake, Edge Computing, Advanced Robotics and Automation, Green Technologies and sustainable innovations, Material Science and Nanotechnology, Medicine, Educational Technology (EdTech), Industry 5.00++, Society 5.00++, Spatial Computing, high speed communication, Neuromorphic computing, Geo-informatics, Non-fungible Tokens (NFT), Non-financial Web3 Applications, Digital Twin, Artificial Intelligence (AI), Artificial Wisdom, Neuro-technology and Brain-Computer Interface, Big Data Analytics, Green Computing, Digital Preservation, 3D printing advancements, and the application of Free and Open Source Software (FOSS) for societal purposes.

BLOG CORNER

Human being will travel more frequently to space, planets and back than ever before, and the intercontinental travel will be much faster using rockets assisted vehicles. The reusable rockets will give another dimension to space exploration. Automation in production, testing, launch and control will make regular space travel possible at affordable costs.

Several expected advancements in agriculture using engineering technology may include Precision Agriculture, Unmanned Aerial Vehicles, Autonomous Farming Equipment, IOT Sensors, Robotics and AI, Vertical Farming and Controlled Environment Agriculture.

Indeed, all such future developments may align with the United Nations sustainable development goals (SDGs) during transformation by ensuring health, justice for all, and prosperity for the mankind.

PROF. DR. P. SOJAN LAL,
DEAN-SCHOOL OF COMPUTING AND STRATEGIC PLANNING – ASIET

BLOG CORNER

FACULTY BLOG

DECIPHERING EMOTIONS: THE VERSATILE WORLD OF SENTIMENT ANALYSIS

In an era dominated by digital communication, unravelling the emotions and opinions concealed within text has become more crucial than ever. Enter sentiment analysis, a captivating technology that unveils sentiments embedded in words, guiding us through a data-driven age. This article will explore the fascinating realm of sentiment analysis and its versatile applications.

Understanding Sentiment Analysis

Sentiment analysis, also referred to as opinion mining, involves teaching computers to comprehend and categorize text data based on emotional tone. This emotional tone typically falls into categories like positive, negative, or neutral. At its essence, sentiment analysis utilizes natural language processing and machine learning to decipher these sentiments.

Diverse Real-World Applications

Business Insights: Across various industries, sentiment analysis is instrumental in helping companies extract profound insights from customer reviews, social media discussions, and survey responses. With a deeper understanding of customer sentiments, businesses can refine their products and services. Amazon, for instance, utilizes sentiment analysis in real-time to evaluate customer reviews, identifying popular products and addressing pain points swiftly.

Brand Perception: Brands vigilantly monitor social media platforms and news articles to gauge public sentiment regarding their products and services. This instantaneous feedback informs marketing strategies and enables swift responses to customer concerns. Fast-food chains like KFC and Pizza Hut employ sentiment analysis to assess social media chatter, allowing them to investigate and address quality issues promptly.

Financial Predictions: In the finance sector, sentiment analysis analyzes news articles, social media discussions, and financial reports to decipher market sentiment. This empowers traders and investors to make data-driven decisions. Hedge funds, for example, use sentiment analysis to assess market sentiment around specific stocks, influencing their trading strategies and investment decisions.

Political Understanding: Politicians utilize sentiment analysis to comprehend public sentiment towards their policies and campaign strategies. Media organizations also rely on this technology to gauge public opinion and shape their coverage. During elections, sentiment analysis is widely used to monitor social media conversations, enabling parties to tailor their campaigns based on key issues and public sentiment.

BLOG CORNER

Healthcare Enhancements: Hospitals and healthcare providers leverage sentiment analysis to scrutinize patient feedback and reviews, leading to improved patient satisfaction and healthcare services. Prominent healthcare institutions use sentiment analysis to evaluate patient feedback surveys, identifying areas of concern and implementing changes to enhance the overall patient experience.

Media and Entertainment: Sentiment analysis aids movie studios and content creators in gauging audience reactions to their creations. This valuable insight informs adjustments to offerings and marketing strategies. Netflix, for instance, uses sentiment analysis to evaluate user reviews of new series, deciding on additional seasons based on overwhelmingly positive sentiment.

Government Decision-Making: Governments and policymakers analyze public sentiment to make informed decisions on a range of issues, from public health policies to infrastructure development. During the COVID-19 pandemic, government agencies used sentiment analysis to monitor public sentiment regarding vaccination campaigns, tailoring public health messaging and outreach efforts accordingly.

How It Works

Sentiment analysis employs sophisticated algorithms that dissect text, scrutinizing individual words and phrases to assign sentiment scores. These algorithms take into account various technicalities, such as context, negation, and intensity, ensuring precise results in capturing the nuances of human expression. Natural language processing algorithms analyse syntactic and semantic structures, considering word order, frequency, and relationships between words to determine sentiment.

Furthermore, machine learning models are trained on vast datasets to recognize patterns and nuances in human language. These models continuously improve their accuracy over time as they encounter new data. Some advanced sentiment analysis systems also incorporate deep learning techniques, such as recurrent neural networks (RNNs) or transformer models, to capture complex contextual relationships and dependencies in text.

The Future of Sentiment Analysis

While sentiment analysis provides invaluable insights, challenges persist, such as interpreting sarcasm, irony, and cultural context. Nevertheless, as technology evolves, sentiment analysis will play an increasingly pivotal role in unravelling human emotions, guiding decisions across diverse domains in our data-centric world.

MS. SHARIKA T R,
ASSISTANT PROFESSOR, DEPARTMENT OF CSE

STUDENT BLOG

PROGRAMMING PARADIGMS: UNVEILING THE ESSENCE OF CODING STYLES

In the vast realm of software development, programming paradigms serve as the guiding principles and methodologies that shape the way we write code. A programming paradigm encapsulates a set of rules, concepts, and practices that dictate how software is designed and implemented. Let's embark on a journey to explore the significance, types, illustrations, and the pivotal need for programming paradigms, while delving into some of the most widely used ones.

The Essence of Programming Paradigms:
Programming paradigms are akin to lenses through which developers view and approach problem-solving. Each paradigm provides a unique perspective on organizing and structuring code, enabling programmers to express solutions in a manner that aligns with the paradigm's principles.

Commonly used Programming Paradigms:

1. Imperative Programming:

```java
int sum = 0;
for (int i = 1; i <= 5; i++) {
    sum += i;
}
System.out.println("Sum: " + sum);
```

This Java code uses a for loop to iteratively add numbers from 1 to 5 and calculates their sum in an imperative, step-by-step manner.

2. Declarative Programming:

```sql
SELECT name FROM employees WHERE department = 'IT';
```

In SQL, this query declares the desired outcome (selecting names) without specifying the step-by-step procedure to achieve it. It's a declarative approach to data retrieval.

3. Object-Oriented Programming (OOP):

```java
class Car {
    String model;
    int year;

    void start() {
        System.out.println("Engine started");
    }
}
```

BLOG CORNER

This Java code defines a Car class with attributes (model, year) and a method (start) encapsulating behaviour. It exemplifies the principles of encapsulation and abstraction in OOP.

4. Functional Programming:

```
factorial :: Integer -> Integer
factorial 0 = 1
factorial n = n * factorial (n - 1)
```

In Haskell, this code defines a factorial function using recursion, emphasizing immutability and a functional approach to computation.

5. Event-Driven Programming:

```
button.onClick(() => {
    console.log("Button clicked");
});
```

In JavaScript, this code uses an event-driven paradigm. When a button is clicked, the associated function is executed asynchronously, illustrating the responsiveness of event-driven systems

The Need for Programming Paradigms:

1. Clarity and Organization:
Paradigms provide a structured approach, enhancing code organization and readability.

2. Problem-Specific Solutions:
Different problems may benefit from different paradigms, allowing developers to choose the most suitable approach.

3. Abstraction and Reusability:
Paradigms support the creation of abstract models and reusable components, fostering efficient development.

4. Scalability and Maintenance:
Adopting a suitable paradigm ensures that codebases are scalable, maintainable, and adaptable to changing requirements.

Best-Used Paradigms:

1. Object-Oriented Programming (OOP):
- Use Case: Large-scale applications, where code organization and encapsulation are crucial.

2. Functional Programming:
- Use Case: Parallel processing, data transformation, and scenarios requiring immutability.

3. Imperative Programming:
- Use Case: Situations demanding clear step-by-step procedures, such as algorithmic implementations.

BLOG CORNER

4. Declarative Programming:
- Use Case: Database queries, configuration files, and expressing high-level system behavior.

5. Event-Driven Programming:
- Use Case: GUI applications, real-time systems, and scenarios with asynchronous events.

Programming paradigms are the architects of software design, shaping the way developers approach problems and construct solutions. The diverse paradigms offer versatility, allowing developers to choose the most fitting methodology based on the nature of the problem at hand. As the software development landscape continues to evolve, a nuanced understanding of programming paradigms becomes increasingly crucial, empowering developers to craft elegant and efficient solutions to complex challenges.

MS. DYNA JOSHY
S6 CSA

BLOG CORNER

JAN
24

ALUMINI BLOG

BEST SECURITY PRACTICES FOR BUILDING APIS

In today's interconnected digital landscape, securing APIs (Application Programming Interfaces) is paramount to safeguard sensitive data and maintain the integrity of systems. Whether you're developing APIs for internal use or exposing them to third-party applications, implementing robust security measures is critical.

Implement HTTPS:

Secure data transmission using HTTPS (TLS/SSL) is fundamental. It prevents unauthorized access and ensures the confidentiality of information exchanged between clients and servers.

Strong Authentication and Authorization

Employ robust authentication mechanisms like OAuth or API keys to verify user identity. Additionally, implement proper authorization controls to restrict access based on user roles, enhancing overall API security.

Token-based Authentication for Session Management

Utilize token-based authentication, such as JWT(JSON Web Tokens), for secure session management. Tokens should have a limited lifespan, reducing the risk of unauthorized access and enhancing overall user data protection.

Input Validation and Error Handling

Protect against injection attacks by validating and sanitizing all input. Implement thorough error handling mechanisms, providing detailed messages during development while limiting information disclosure in production to thwart potential exploitation.

Regular Monitoring and Logging

Ensure comprehensive logging and regular monitoring of logs to detect and respond to suspicious activities promptly. This proactive approach allows for the identification and mitigation of potential security incidents, maintaining the overall integrity of the API.

BLOG CORNER

Regular Monitoring and Logging

Ensure comprehensive logging and regular monitoring of logs to detect and respond to suspicious activities promptly. This proactive approach allows for the identification and mitigation of potential security incidents, maintaining the overall integrity of the API.

API Versioning

As an API evolves, changes to its structure, functionality, or endpoints may occur. Without versioning, modifications could break existing client applications that rely on the API, leading to service disruptions and potential data integrity issues. It is good practice to ensure backwards compatibility and provide semantic versioning

By prioritizing these practices, developers can establish a solid foundation for secure API development, safeguarding data, and ensuring a trustworthy user experience.

MR. ABHIJITH JAIDEEP
2019-2023 BTECH CSE BATCH

NEWSPAPER CORNER

ഫാക്കൽറ്റി ഡെവലപ്മെന്റ് പ്രോഗ്രാം ആരംഭിച്ചു

കാലടി: ആദിശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് എൻജിനീയറിങ്ങ് ആൻറ് ടെക്നോളജിയിൽ ഡിപ്പാർട്ട്മെൻറ് ഓഫ് കമ്പ്യൂട്ടർ സയൻസിൻറെയും, ആർട്ടിഫിഷ്യൽ ഇൻറലിജെൻസിൻറെയും നേതൃത്വത്തിൽ 6 ദിവസം നീണ്ടു നിൽക്കുന്ന ഫാക്കൽറ്റി ഡവലപ്മെൻറ് പ്രോഗ്രാം ആരംഭിച്ചു.

എഐസിടിഇ ട്രെയ്നിങ്ങ് ആൻറ് ലേണിങ്ങ് (അഡൽ) അക്കാദമിയുടെ സഹായത്തോടെയാണ് ഫാക്കൽറ്റി ഡവലപ്മെൻറ് പ്രോഗ്രാം നടക്കുന്നത്. സൂറത്ത്ക്കൽ എൻഐറ്റിയിലെ ഡയറക്ടർ ഡോ. ബി. രവി ഉദ്ഘാടനം ചെയ്തു.

പ്രിൻസിപ്പാൾ ഡോ. എസ്. ശ്രീപ്രിയ, ഡോ. എസ്. ശ്രീകൃഷ്ണൻ, പ്രൊഫ. ആർ. രാജാറാം, പ്രൊഫ. പി. വി രാജാരാമൻ, പ്രൊഫ. ടി. മനീഷ്, പ്രൊഫ. ശ്രീദേവി ആർ കൃഷ്ണൻ തുടങ്ങിയവർ സംസാരിച്ചു.

തുടർന്ന് ഡോ. എം. എസ് സുജിത്ര (അസിസ്റ്റൻറ് പ്രൊഫ., ഐഐഐടി കോട്ടയം) ക്ലാസെടുത്തു. വരും ദിവസങ്ങളിൽ വിവിധ വിഷയങ്ങളിൽ

▪ ആദിശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് എൻജിനീയറിങ്ങ് ആൻറ് ടെക്നോളജിയിൽ ആരംഭിച്ച ഫാക്കൽറ്റി ഡവലപ്മെൻറ് പ്രോഗ്രാം.

ഡോ. ശ്രീവല്ലഭ ദീവി (പ്രിൻസിപ്പൽ ഡാറ്റാ സയൻറിസ്റ്റ്, ടൈഗർ അനലറ്റിക്സ് ചെന്നൈ), പ്രൊഫ. പി. വി രാജാരാമൻ (ആർട്ടിഫിഷൽ ഇൻറലിജെൻസ് വകുപ്പ് മേധാവി, ആദിശങ്കര കാലടി), ഡോ. മഞ്ജുള ദേവനന്ദ (എഐ റിസർച്ച് സയൻറിസ്റ്റ്, ഫ്യൂസ് മെഷിൻസ് യുഎസ്എ), ഡോ. രഞ്ജിത്ത് പൗലോസ് (പ്രിൻസിപ്പൽ ആർക്കിടെക്റ്റ് എഐ - എംഎൽ, യുഎസ്റ്റി ഗ്ലോബൽ കൊച്ചി), ഡോ. സി. കെ നാരായണൻ (ഡാറ്റാ സയൻസ് വകുപ്പ് മേധാവി, ഐഐടി പാലക്കാട്), ഡോ. എസ്. ശ്രീകൃഷ്ണൻ (ഡീൻ ആൻറ് പ്രൊഫസർ ആദിശങ്കര കാലടി), കൃഷ്ണ ശാസ്ത്രി പെൻഡ്യാല (പാർട്ട്ണൻ ഇ. ആൻറ് വൈ. ഹൈദരാബാദ്) എന്നിവർ ക്ലാസെടുക്കും. കേരളത്തിലെ 30 കോളേജുകളിൽ നിന്നുമായി തെരഞ്ഞെടുക്കപ്പെട്ട 60 പേരാണ് പ്രോഗ്രാമിൽ പങ്കെടുക്കുന്നത്.

റിപ്പബ്ലിക് ദിന പരേഡിന് അപർണ പ്രസാദ്

അപർണ പ്രസാദ്

കാലടി: ആദിശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് എൻജിനീയറിങ് ആന്റ് ടെക്നോളജിയിലെ എൻ.എസ്.എസ് വോളണ്ടീയർ സെക്രട്ടറി അപർണ പ്രസാദിനെ ഡൽഹിയിൽ നടക്കുന്ന റിപ്പബ്ലിക്ക് പരേഡിലേക്ക് തെരഞ്ഞെടുത്തു. കേരളത്തിൽ നിന്നും തെരഞ്ഞെടുക്കപ്പെട്ട 12 പേരിൽ രണ്ടു എൻജിനീയറിങ് വിദ്യാർഥികളാണുള്ളത്. ഇലക്ട്രോണിക്സ് ആന്റ് കമ്മ്യൂണിക്കേഷൻ വിഭാഗത്തിലെ മൂന്നാം വർഷ വിദ്യാർഥിയാണ്. കുമ്പളം ഭരണിപറമ്പിൽ ബി. ബി. പ്രസാദിന്റെയും കെ. കെ. രജനിയുടെയും മകളാണ്.

NEWSPAPER CORNER

ഫാക്കൽറ്റി ഡെവലപ്മെന്റ് പ്രോഗ്രാം ആരംഭിച്ചു

ആദിശങ്കരയിൽ നടക്കുന്ന ഫാക്കൽറ്റി ഡെവലപ്മെൻറ് പ്രോഗ്രാം ഡോ.ബി.രവി ഉദ്ഘാടനം ചെയ്യുന്നു

കാലടി:ആദിശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് എൻജിനീയറിങ്ങ് ആൻറ് ടെക്നോളജിയിൽ ഡിപ്പാർട്ട്മെൻറ് ഓഫ് കമ്പ്യൂട്ടർ സയൻസ്, ആർട്ടിഫിഷ്യൽ ഇൻറലിജൻസ് എന്നിവയുടെ സംയുക്ത നേതൃത്വത്തിൽ 6 ദിവസം നീളുന്ന ഫാക്കൽറ്റി ഡവലപ്മെൻറ് പ്രോഗ്രാം ആരംഭിച്ചു. എഐസിടിഇ ട്രെയ്നിങ്ങ് ആൻറ് ലേണിങ്ങ്(അഡൽ) അക്കാദമിയുടെ സഹായത്തോടെയാണ് ഫാക്കൽറ്റി ഡവലപ്മെൻറ് പ്രോഗ്രാം നടക്കുന്നത്. സൂറത്ത്ക്കൽ എൻഐറ്റിയിലെ ഡയറക്ടർ ഡോ.ബി. രവി ഉദ്ഘാടനം ചെയ്തു. പ്രിൻസിപ്പാൾ ഡോ. എസ്.ശ്രീപ്രിയ, ഡോ. എസ്.ശ്രീകൃഷ്ണൻ, പ്രൊഫ.ആർ. രാജാറാം,പ്രൊഫ.പി. വി രാജാരാമൻ, പ്രൊഫ.ടി.മനീഷ്, പ്രൊഫ.ശ്രീദേവി ആർ കൃഷ്ണൻ എന്നിവർ സംസാരിച്ചു. തുടർന്ന് ഡോ.എം.എസ് സുജിത്ര (അസിസ്റ്റൻറ് പ്രൊഫ. ഐഐഐടി കോട്ടയം) ക്ലാസെടുത്തു.വരും ദിവസങ്ങളിൽ വിവിധ വിഷയങ്ങളിൽ ഡോ. ശ്രീവല്ലഭദേവി (പ്രിൻസിപ്പൽ ഡാറ്റാ സയൻറിസ്റ്റ്,ടൈഗർ അനലറ്റിക്സ് ചെന്നൈ), പ്രൊഫ.പി. വി രാജാരാമൻ (ആർട്ടിഫിഷൽ ഇൻറലിജൻസ് വകുപ്പ് മേധാവി,ആദിശങ്കര കാലടി), ഡോ.മഞ്ജുള ദേവനന്ദ(എഐ റിസർച്ച് സയൻറിസ്റ്റ്, ഫ്യൂസ് മെഷിൻസ് യുഎസ്എ), ഡോ. രഞ്ജിത്ത് പൗലോസ് (പ്രിൻസിപ്പൽ ആർക്കിടെക്റ്റ് എഐ എംഎൽ,യുഎസ്റ്റി ഗ്ലോബൽ കൊച്ചി), ഡോ.സി.കെ നാരായണൻ (ഡാറ്റാ സയൻസ് വകുപ്പ് മേധാവി,ഐഐടി പാലക്കാട്), ഡോ. എസ്.ശ്രീകൃഷ്ണൻ (ഡീൻ ആൻറ് പ്രൊഫസർ ആദിശങ്കര കാലടി), കൃഷ്ണ ശാസ്ത്രി പെൻഡ്യാല (പാർട്ട്ണൻ ഇ.ആൻറ് വൈ.ഹൈദരാബാദ്) എന്നിവർ വിഷയാവതരണം നടത്തും. കേരളത്തിലെ 30 കോളേജുകളിൽ നിന്നായി തെരഞ്ഞെടുക്കപ്പെട്ട 60 പേരാണ് സംബന്ധിക്കുന്നത്.

ഫാക്കൽറ്റി ഡവലപ്പ്മെന്റ് പ്രോഗ്രാം ആരംഭിച്ചു

ആദിശങ്കര എഞ്ചിനീയറിങ് കോളേജിൽ ആറ് ദിവസങ്ങളിലായ് നടക്കുന്ന ഫാക്കൽറ്റി ഡവലഷ്മെന്റ് പ്രോഗ്രാം സൂറത്ത്ക്കൽ എൻഐറ്റി ഡയറക്ടർ ഡോ ബി രവി ഉദ്ഘാടനം ചെയ്യുന്നു.

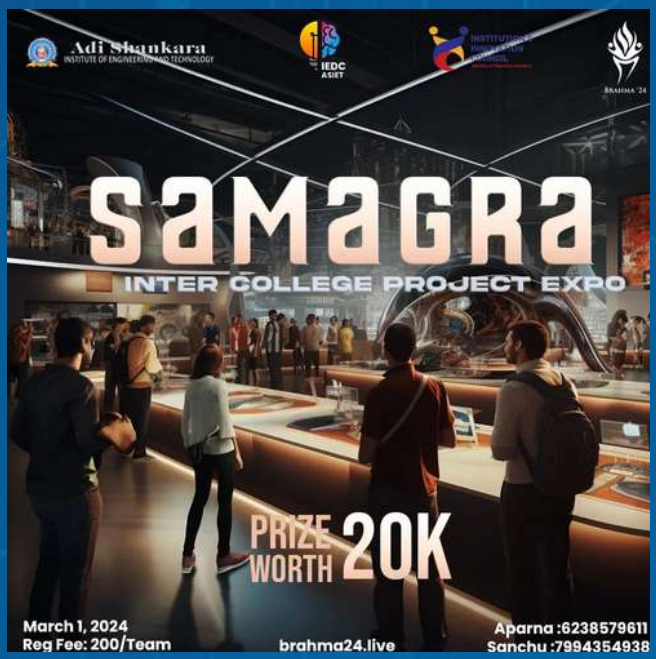
കാലടി: ആദിശങ്കര ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് എൻജിനീയറിങ്ങ് ആൻറ് ടെക്നോളജിയിൽ ഡിപ്പാർട്ട്മെൻറ് ഓഫ് കമ്പ്യൂട്ടർ സയൻസിൻറെയും, ആർട്ടിഫിഷ്യൽ ഇൻറലിജൻസിൻറെയും നേതൃത്വത്തിൽ 6 ദിവസം നീണ്ടുനിൽക്കുന്ന ഫാക്കൽറ്റി ഡവലപ്മെൻറ് പ്രോഗ്രാം ആരംഭിച്ചു. എഐസിടിഇ ട്രെയ്നിങ്ങ് ആൻറ് ലേണിങ്ങ് (അഡൽ) അക്കാദമിയുടെ സഹായത്തോടെയാണ് ഫാക്കൽറ്റി ഡവലപ്മെൻറ് പ്രോഗ്രാം നടക്കുന്നത്. സൂറത്ത്ക്കൽ എൻഐറ്റിയിലെ ഡയറക്ടർ ഡോ. ബി. രവി ഉദ്ഘാടനം ചെയ്തു. പ്രിൻസിപ്പാൾ ഡോ. എസ്. ശ്രീപ്രിയ, ഡോ. എസ്. ശ്രീകൃഷ്ണൻ, പ്രൊഫ. ആർ. രാജാറാം, പ്രൊഫ. പി. വി രാജാരാമൻ, പ്രൊഫ. ടി. മനീഷ്, പ്രൊഫ. ശ്രീദേവി ആർ കൃഷ്ണൻ തുടങ്ങിയവർ സംസാരിച്ചു. തുടർന്ന് ഡോ. എം. എസ് സുജിത്ര ക്ലാസെടുത്തു. വരും ദിവസങ്ങളിൽ വിവിധ വിഷയങ്ങളിൽ ഡോ. ശ്രീവല്ലഭ ദേവി , പ്രൊഫ. പി. വി രാജാരാമൻ , ഡോ. മഞ്ജുള ദേവനന്ദ ഡോ. രഞ്ജിത്ത് പൗലോസ് , ഡോ. സി. കെ നാരായണൻ,ഡോ. എസ്. ശ്രീകൃഷ്ണൻ , കൃഷ്ണ ശാസ്ത്രി പെൻഡ്യാല , എന്നിവർ ക്ലാസെടുക്കും. കേരളത്തിലെ 30 കോളേജുകളിൽ നിന്നുമായി തെരഞ്ഞെടുക്കപ്പെട്ട 60 പേരാണ് പ്രോഗ്രാമിൽ പങ്കെടുക്കുന്നത്.

Veekshanam : E-Paper (2024-01-16)

Upcoming Events

BRAHMA-24
FEB 29,
MAR 1,2
2024

Upcoming Events



Upcoming Events

Upcoming Events

CLICK HERE DOWNLOAD OUR PREVIOUS NEWS LETTERS

CONTACT US:
newslettercse@adishankara.ac.in

EDITORIAL BOARD

CHIEF EDITOR : PROF.ANILA S, PROF TEENA GEORGE, PROF. AMRITHA MURALIDARAN NAIR, DR. HARI NARAYANAN. PROF. GRIPSY PAUL,PROF.SHARIKA T R.
ADVISORS : PROF. R RAJARAM (DEAN PROJECTS & CONSULTANCY), DR. SRIKRISHNAN SUNDARARAJAN (DEAN CSE, HOD-MCA), PROF. DR. P SOJAN LAL, PROF.MANESH T (HOD-CSE), PROF.P V RAJARAMAN (HOD-AI), PROF AJAY BASIL VARGHESE
CREATIVE DESIGN: V HARIHARAIYER . SARANG R,MADHAVAN, HARIKRISHNAN

CONTENT TEAM :
Krishanveni , Gloriya Titto(S3 CSE-B), Zaeem, Nafeesa(S3 CSE-C), Gowri Shankarakanth, Merin Johny(S3 CSE-AI), Akhila Venu, Fabiya(S5 CSE-A), Shoun Augustine (S5 CSB), Nandana Narayan Das(S5 CSE-AI), Amritha R, Ann Maria(S7 CSE-A), Sanjay Gireesan, Navaneeth(S7 CSE-B), Aaron, Amrita Das(S7 CSE-AI)