

Vision

 To produce competent software professionals, academicians, researchers and entrepreneurs with moral values through quality education in the field of Computer Science and Engineering.

Mission

- Enrich the students knowledge and computing skills through innovative teaching-learning process with stateof- art- infrastructure facilities.
- Endeavour the students to become entrepreneurs and employable through adequate industry institute interaction.
- Inculcating leadership skills, professional communication skills with moral and ethical values to serve the society and focus on students overall development.

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PAPER PRESENTATIONS

Artificial intelligence

Idea:

Artificial intelligence (AI) is revolutionizing the healthcare sector by boosting diagnostic precision. tailoring treatment plans. enhancing patient outcomes. Through the use of machine learning and deep learning technologies, Al can process and analyze extensive medical data, detect patterns, and even forecast the progression of diseases. Despite these promising developments, Al also brings ethical challenges, such as concerns about data privacy and the risk of algorithmic bias. Investigating these issues can provide valuable insights into the future of Alpowered healthcare solutions.

Overview:



Dhineshwaran S , gowsalyaM IV Year IV Year

won First in Paper Presentation Organized by Bannari Amman Institute of Technology Artificial intelligence (AI) is a field of computer science that focuses creating machines capable performing tasks that tupically intelligence. require human **These** tasks include learning. reasoning. problem-solving. understanding language, and recognizing patterns. Al technologies like machine learning and neural networks allow systems to analyze data, make decisions, and even predict future outcomes with increasing accuracy. As AI continues to advance, it is transforming various industries. from healthcare and finance to manufacturing and entertainment. offering opportunities and raising important ethical and societal questions about its impact on our lives.

Idea:

Automated Dependency Management for Secure Software Development

Focus on how automated tools can keep external dependencies up-to-date, reducing vulnerabilities in software projects. You can discuss the integration of dependency checkers and how they contribute to secure CI/CD pipelines.

Overview:

With the increasing reliance on open-source libraries and external dependencies in modern software development, managing these dependencies effectively is critical to maintaining a secure codebase. External dependencies, such as third-party libraries, offer pre-built functionality, saving time and effort for developers. However, they also come with potential security risks, especially if vulnerabilities are discovered in the dependencies over time. Automated dependency management is crucial for addressing these concerns, ensuring that software remains secure, stable, and up-to-date..



Third Year Computer Science and Engineering department won Runner-up in Startup Competition Organized by CMR University

HACKATHON

Hackathon:

EcoTrack is a mobile application designed to empower individuals to adopt sustainable living practices by providing personalized recommendations and resources for reducing their carbon footprint. Many people aspire to live more sustainably but often feel overwhelmed by the options and lack clear guidance. EcoTrack addresses this by allowing users to set tailored sustainability goals, track their progress, and connect with local eco-friendly resources. Key features include a carbon footprint tracker, a directory of sustainable businesses, gamification elements to encourage engagement, and a community forum for sharing tips and success stories



Subashini P



Kamalesh K

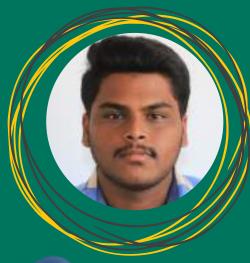


Bharath S

IV th Year

Won Third Hackathon by Kongunadu College of Engineering and Technology

EcoTrack - Sustainable Living App



Sheik ahmed

EcoTrack is a mobile application designed to empower individuals to adopt sustainable living practices by personalized recommendations providing resources for reducing their carbon footprint. Many people aspire to live more sustainably but often feel overwhelmed by the options and lack clear guidance. EcoTrack addresses this by allowing users to set tailored sustainability goals, track their progress, and connect with local eco-friendly resources. Key features include a carbon footprint tracker, a directory of sustainable businesses, gamification elements to encourage engagement. and community forum for sharing tips and success stories. Built using React Native, Node.js, and MongoDB, EcoTrack aims to simplify the journey toward sustainable living, motivating users to make environmentally conscious choices and fostering a dedicated community for sustainability.

SkillSwap

SkillSwap is a peer-to-peer mobile platform that connects individuals looking to exchange skills and knowledge. Users create profiles to showcase their unique talents, such as playing an instrument, cooking, or coding, while also specifying the skills they wish to learn. The app then matches users based on their shared interests and proximity, encouraging meaningful connections and collaborative learning experiences. With integrated messaging and scheduling tools, users can conveniently arrange skill exchange sessions, whether they prefer to meet in person or virtually.



III rd Year



Blockchain

This presentation covers the application of blockchain technology in supply chain management, emphasizing how it improves transparency, reduces fraud, and enhances efficiency. It also explores the potential for blockchain to improve tracking, verification, and sustainability in global supply chains, while addressing scalability and adoption challenges.



Antony Lourdu Raj A

IV th Year

Computer Science and Engineering department won First Prize in Paper Presentation
Organized by Oasys Institute of Technology

Ajith Kumar G

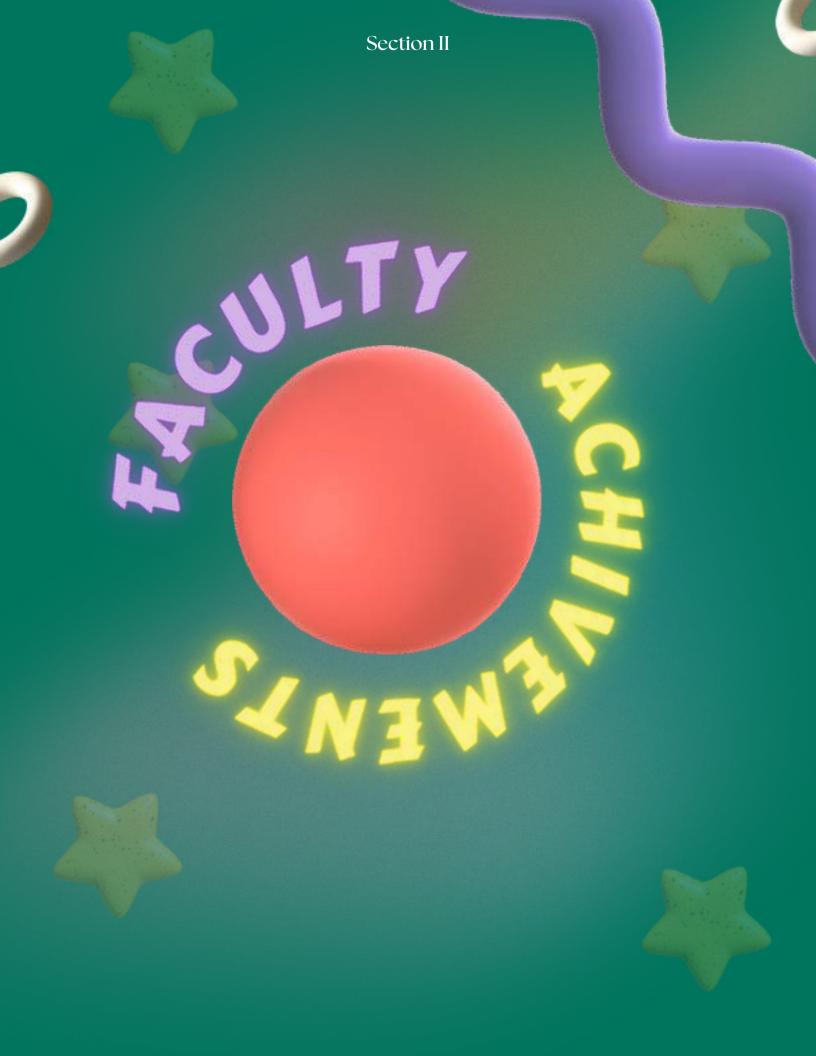
IV th Year

Computer Science and Engineering department won Second Prize in Paper Presentation Organized by Kuriniji College of Engineering and Technology



Renewable Energy Integration

This paper examines the challenges and opportunities of integrating renewable energy sources into the global energy grid. It focuses on the technological advancements in solar, wind, and hydroelectric power, as well as energy storage solutions. Policy frameworks and economic impacts will also be discussed, highlighting pathways to a carbon-neutral future.



National Journals



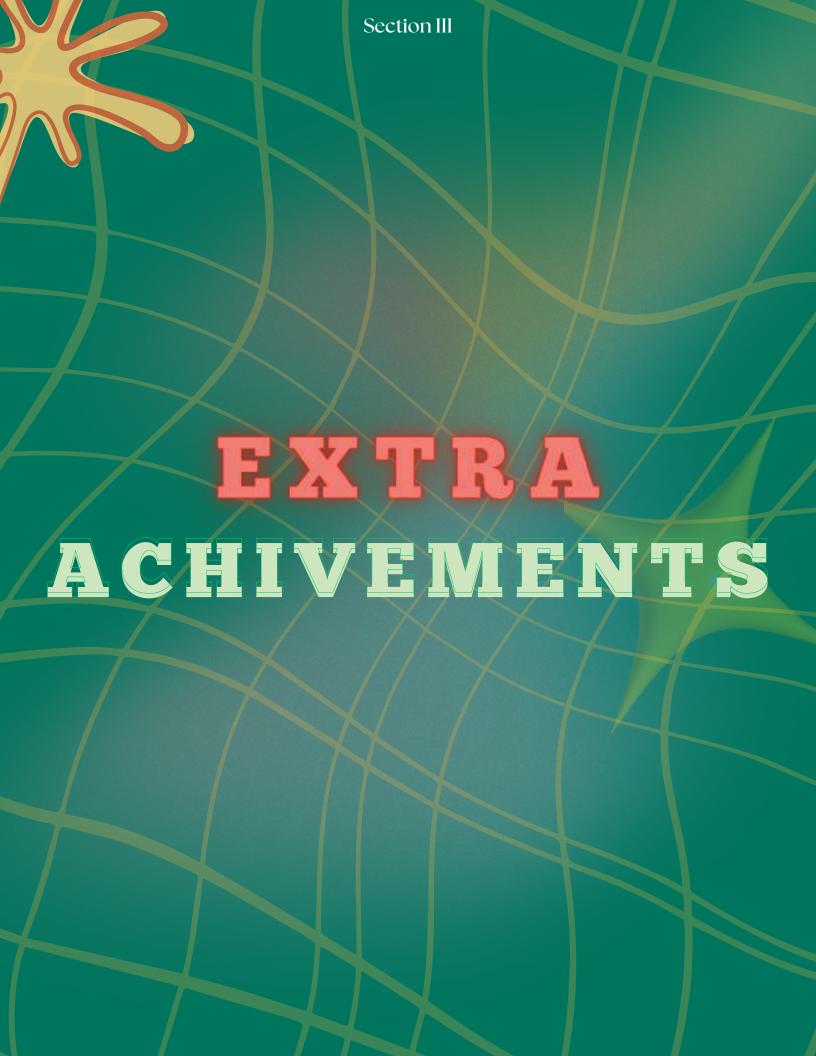
J. Yogapriya
Professor & Dean(R&D)

The research by J. Yogapriya et al., titled "Automated Detection of Infection in Diabetic Foot Ulcer Images Using Convolutional Neural Network," explores the use of convolutional neural networks (CNNs) to automatically identify infections in diabetic foot ulcers. By employing deep learning techniques to analyze medical images, the study aids in timely diagnosis and treatment, enhances diagnostic accuracy, and ultimately improves healthcare outcomes for diabetic patients.

Dr. C. Saravanabhavan's research on "Crop Analysis using Deep Learning Algorithm Techniques" focuses on applying advanced deep learning methods to improve agricultural practices. By leveraging machine learning algorithms, the study aims to analyze crop health, predict yields, and detect diseases in plants more efficiently. This approach enhances precision agriculture, enabling farmers to make informed decisions, optimize resources, and increase crop productivity. The research highlights the potential of deep learning in revolutionizing crop management and promoting sustainable agricultural practices.



C. Saravanabhavan
Professor & Head





Krishna Prakash R III rd year





Vasanth Kumar D III rd year

Sports



Mohamed Halith M III YEAR

Mohamed Halith was honored with the Best Player award at the Korno Football Tournament, which took place in Chennai on September 3rd, 2021. His exceptional skills and consistent performance throughout the tournament set him apart, making a significant impact on his team's success. This award is a testament to his dedication, tactical prowess, and unwavering passion for the game.

Arun Kumar was recognized with the Best Forward Player award at the Korno Football Tournament, held in Chennai on September 3rd, 2021. His remarkable agility, precise goal-scoring ability, and strategic play made him a standout performer on the field. This award highlights his commitment, exceptional talent, and vital contribution to his team's offensive strength during the tournament.



Arun Kumar K J III YEAR

Photography Akash VI th Year Cheliyan VI th Year

SOLLO SAchivements



S Akash., a third-year student in the Computer Scence and Engineering department, achieved First place in the TAMIL KAVITHAI Competition in K ramakrishna College of Engineering And Technology

S Akash III YEAR

R Sugan, a third-year student in the Computer Science and Engineering department, achieved second place in the Spotify Me' competition hosted by M. Kumarasamy College of Engineering



கவிதை!

ஏமாற்றம் ஒன்றும் புதிதல்ல ஏங்கிதவிக்கும் இதயத்திற்கு ஏமாற்றும் விதம் தான் புதிது

-ஆகாஷ்



சில சூழ்நிலைகளை கடந்து செல்ல உடல் வலிமையை விட மன வலிமையே அதிகம் தேவைப்படுகிது -ஈஸ்வர பிரகாஷ்

B ood Donors



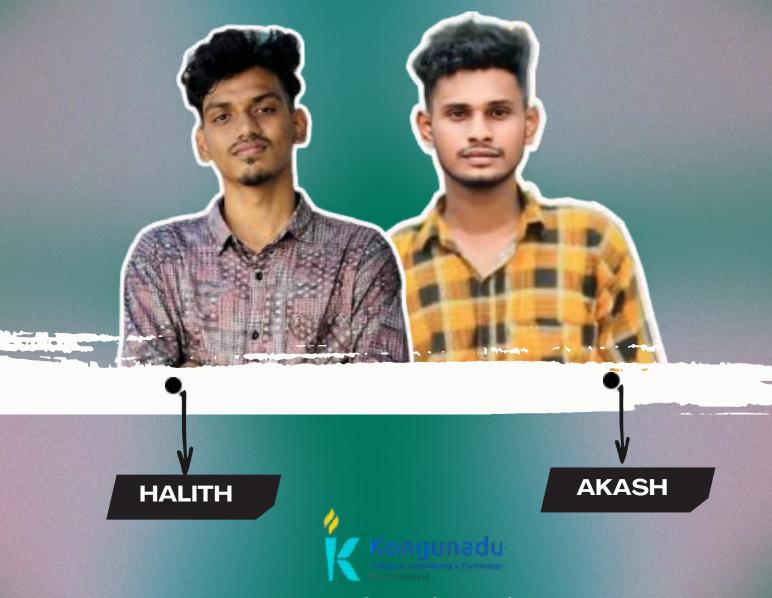
Mohan P
IV th Year



Kowshik V

IV th Year





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