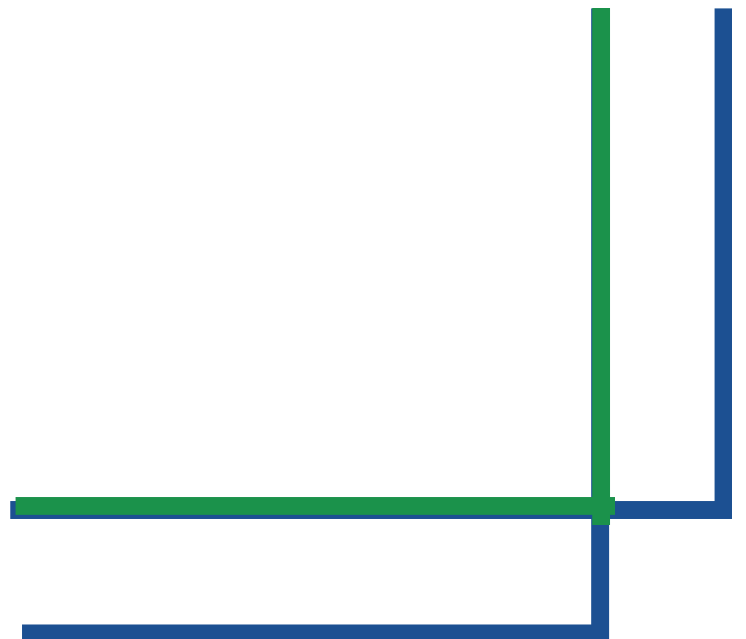Dec 2022 - May 2023

Department of Artificial Intelligence & Data Science

NEWSLETTER

TECHBRICKS

VOLUME - I
ISSUE - II

VISION &
Mission

Vision

To uphold aspirants by imparting cognitive learning environment with continuous education, research and industrial collaboration to become inventive Artificial Intelligence and Data Science eminent

Mission

- Providing skill-based education to master the students in problem solving and analytical skills to enhance their niche expertise in the field Artificial Intelligence and Data Science
- Educating the students with the latest technologies to update their knowledge in the field of Intelligent computing
- Enabling students to experience content-based learning with premier quality data science education, research and industrial collaboration
- Guiding students in Artificial Intelligence based research, with an aim to have an ethical impact in the society by tackling societal grand challenges

SPARKS INAUGURAL

Introducing Sparks, our newly inauguratedStudent Development Association! Dedicated to enhancing skills and empowering students, Sparks creates a supportive environment for growth. Through workshops, events, and initiatives, we foster a culture of continuous learning and personal development. Join us in igniting a spark of inspiration, providing invaluable opportunities for academic, professional, and personal success

A team of 3 students, Parthiv Akilesh A S, Sunil S K, Satish G of Pre-Final year, Department of AD, worked tirelessly to develop and present a project that demonstrated their knowledge and understanding of CCTV footage analytics. They tackled complex problems and showcased their skills winners of the"CCTV- Footage Analytics" hackathon, held on December 10, 2022!

CONGRATULATIONS

Parthiv Akilesh A S , Satish G , and Sunil S K of III AD took part in Greater Chennai Police's Cyber Hackathon on the topic "CCTV - Footage Analytics" held on 10th December and secured second place with a cash reward of Rs. 30,000.

LOKESHVAR K J SHINES IN MAYA ACADEMY OF ADVANCED CINEMATICS

Lokeshvar K J, a talented third-year student of Department of Artificial Intelligence and Data Science, has brought immense pride to our college by winning a prestigious medal in the Special Category for Honorable Mentions at the Maya Academy of Advanced Cinematics (MAAC). Throughout the year, Lokeshvar demonstrated exceptional skills and dedication, showcasing his incredible achievements in the field of animation

"CHAMPION OF COURTS!"

Priyanka's winning spree continues....

Ms. Priyanka S of II AD department has been making waves in the world of sports, with her exceptional performance in Throwball competitions. Recently, she secured the third place in the Throwball competition held at SNS College of Technology, Coimbatore, and followed it up with a brilliant first-place finish at the Kumaraguru College of Technology, Coimbatore.

Dunking his way to Victory:

Jowin Alfred C, a third-year student from the AD department, participated in a basketball tournament held among several colleges. Jowin and his team emerged victorious, securing first place and showcasing their exceptional skills on the court

STUDENTS ACHIEVEMENTS

II AD students **Mr. SV. Vishal** and Mr. **G. Rajkumar** win the prestigious 1st prize at Technovanza held at PSG Institute of Technology, as a part of Yukta 2023. The duo showcased their exceptional technical skills and innovative ideas, impressing the judges and beating out tough competition from other talented participants.

Mr. Balamurugan N of II AD has been awarded the Best Participant Award in the Power of Blockchain Technology workshop held at PSG Institute of Technology as a part of Yukta 2023. The Best Participant Award is a testament to Mr. Balamurugan N's exceptional performance and his dedication to learning and mastering blockchain technology.

Mr. William Renaldy A, a 2nd year student of the AD department, recently secured the second place in the Debugging contest held at the Government College of Technology, Coimbatore. The contest tested the participants' ability to identify and resolve errors in programming codes within a limited time frame.

Mr. Balamurugan N of II AD won the first place with a cash prize of Rs.3,000 in the Codetrek project presentation held at Nehru Institute of Engineering and Technology in Coimbatore. His impressive performance is a testament to his hard work and dedication towards his project.

Shiran's Autonomous Wheelchair

Shiran from the 2nd year AD department participated in the 'Dragon Pitch' project pitching competition held at Rathinam Technical Campus. He impressed the judges with his innovative project, the Autonomous Wheelchair, and was awarded second place, along with a cash prize of Rs. 500.

IIT PALS NEX-GEN HACKATHON – WINNERS

The IIT PALS Nex-Gen national level Hackathon recently concluded with JAZ emerging as the winners of the national level event. The team comprised of Samsheeray Allam A, Sachin S, Harini Selvaraj, and Priyanga. They were awarded a cash prize of 3000 for their efforts.

Winners of PSG Project Presentation

Ms. S. Amirdha Varshini and Mr. V. Danush Kumar from III AD secured the first place with a cash prize of Rs. 1000 in the project presentation event held at PSG College of Arts & Science, Coimbatore.

National Level Technical Symposium Winner

Mr. N. Balamurugan from II AD secured the first place and a cash prize of Rs.3,000 at the National level Technical Symposium held in M.Kumarasamy College of Engineering, Karur.

Quantum Machine Learning - An insight

During the event organized by the Department of AI&DS, Mr. Karthiganesh Durai, Chief Quantum Architect at BosonQ Psi (BQP), provided valuable insights into Quantum Machine Learning. He highlighted the revolutionary potential of combining quantum computing with machine learning techniques, paving the way for unprecedented advancements in various fields. Mr. Durai's expertise and knowledge shed light on the immense possibilities and challenges associated with Quantum Machine Learning, inspiring our students to explore this cutting-edge intersection of technology. The event was an enlightening experience for all attendees, fostering a deeper understanding of the future of artificial intelligence and quantum computing.

workshop

AI & ML

AI & ML Workshop: Unleashing the Potential of AI and ML" Organized by our students, this engaging workshop by Mr. V. Dhanush Kumar provided valuable insights into the world of Artificial Intelligence and Machine Learning. Participants gained hands-on experience and explored real-world applications, fostering creativity and innovation.

web 3.0

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EXPERT TALK ON
CYBER SECURITY

SIBI CHAKKARAVARTHY SETHURAMAN

Founder of Digital Fortress Private Limited and Flick Analytics

Coordinator, Artificial Intelligence and Robotics (AIR) Research Center

&

Associate Professor at Vellore Institute of Technology - Andhra Pradesh VIT-AP) University , Amaravati, India

SESSION ON CYBERSECURITY AND AI.

Dr. Sibi Chakkaravarthy Sethuraman provided an overview of different security issues pertaining to Artificial Intelligence and Data Science, including a demonstration of a ransomware attack and examples of security breaches in these fields.

RECAP:

Additionally, he exhibited his completed projects and academic publications, as well as a list of ongoing projects. He engaged in a thorough discussion with a select group of students, offering valuable feedback and refinement suggestions for their projects.
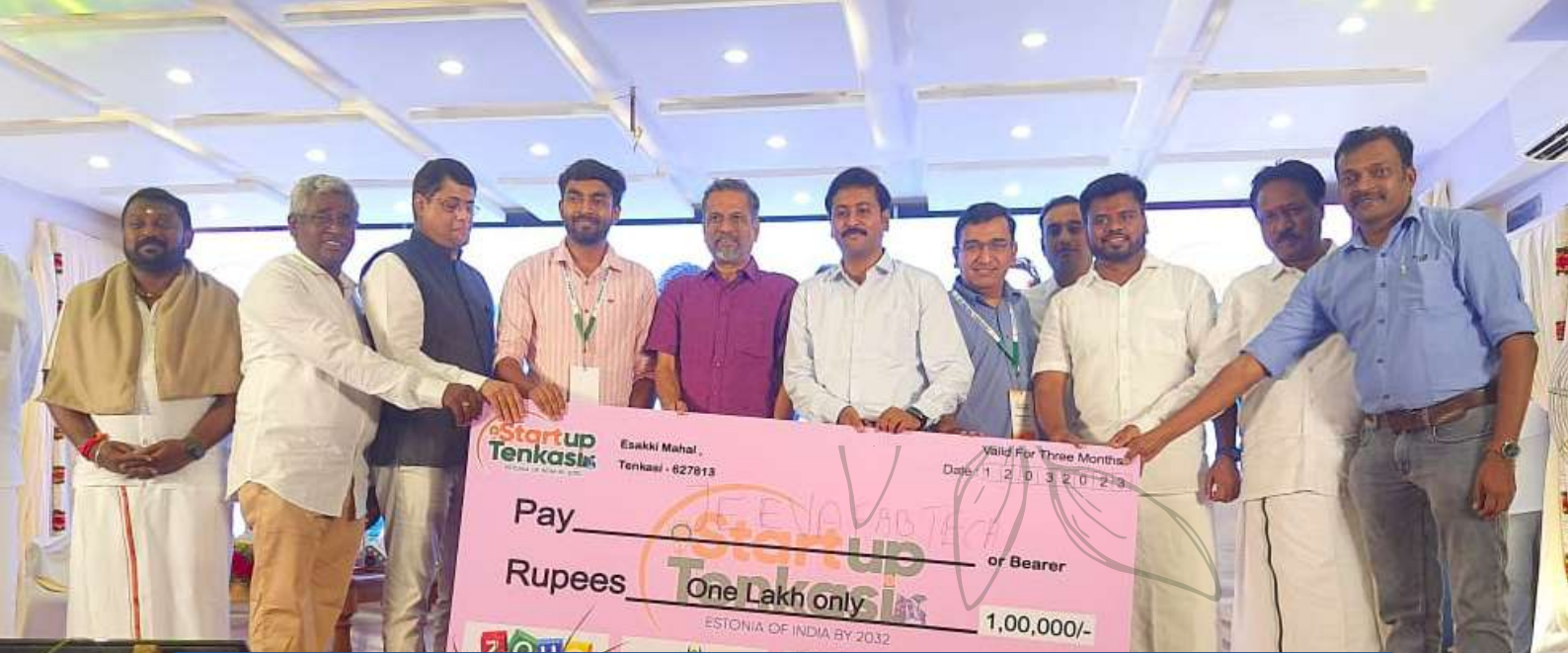
Startup Champion.

Mr. V. Danushkumar, a student of III AD, has secured the First Place position in the Startup Tenkasi event organized by Startup Ecosystem Tenkasi. His exceptional idea has earned him a remarkable cash prize of 1 Lakh.

Mr. Danushkumar's idea stood out from the rest and impressed the judges with its uniqueness and potential for success. His innovative approach and dedication to bringing his idea to life were apparent throughout the event, setting him apart as a true leader in the field.

The Startup Tenkasi event provided an excellent platform for students and entrepreneurs to showcase their ideas and connect with like-minded individuals. The event was graced by the presence of Sridhar Vembu, the founder of Zoho, as the Chief Guest.It is a testament to the growing interest in entrepreneurship in the region and the increasing support for startup culture.

EXPERT VISIT

EXPERT REVIEWING MINI PROJECTS OF PRE-FINAL YEAR STUDENTS

KEY TAKEAWAYS:

- Mr. Anand shared the latest innovations in AI and ML, including breakthroughs in deep learning, NLP, computer vision, and reinforcement learning.

- He highlighted the applications of AI and ML in various industries, such as healthcare, finance, manufacturing, and entertainment.

- Mr. Anand provided valuable feedback and suggestions to enhance the quality and performance of the students' projects, covering topics such as data preprocessing, model selection, hyperparameter tuning, performance evaluation, and deployment strategies.

- His insights inspired the audience to explore and leverage the power of cutting-edge technologies.

- The students' AI and ML projects are expected to meet the highest standards of excellence and innovation due to Mr. Anand's suggestions.

GPS Map Camera Lite

34GR+JQF, Uthupalayam, Tamil Nadu 641048, India

Latitude 11.07651393°
Longitude 77.14215687°

Local 11:36:25 AM
Altitude 291.68 meters

GMT 06:06:25 AM
Saturday, 03.11.2023

AI EXPERT SHARES INNOVATIONS

Mr. Anand, CEO of Yaane Technologies, Coimbatore, who is an expert in the field of artificial intelligence (AI) and machine learning (ML), shared his knowledge and expertise with the third year AD students by elaborating on the latest innovations in these domains. He covered various topics, including recent breakthroughs in deep learning, natural language processing, computer vision, reinforcement learning, and other areas. He also provided insights into the applications of AI and ML in different industries, such as healthcare, finance, manufacturing, and entertainment. Mr. Anand's explanation of the latest innovations in AI and ML was highly informative and engaging, inspiring the audience to explore and leverage the power of these cutting-edge technologies.

MR. ANAND PROVIDES VALUABLE INSIGHTS INTO LATEST DEVELOPMENTS AND ENHANCES STUDENT PROJECTS

He reviewed various projects being carried out by the students. After carefully examining each project, he provided constructive feedback and valuable suggestions to enhance the projects' quality and overall performance. His recommendations covered a wide range of topics, including data preprocessing, model selection, hyperparameter tuning, performance evaluation, and deployment strategies, among others. There is no doubt that his suggestions would play a crucial role in ensuring that the AI and ML projects done by our students will meet the highest standards of excellence and innovation

SPARKS' HACKFEST

The Hackfest coding contest event was organized by the association of SPARK, Department of Artificial Intelligence and Data Science on 17.03.2023 from 2PM to 4PM at Artificial Intelligence and Data Science Lab.

With over 80 participants, the event was held on March 17, 2023, on the online platform Hackerrank. The participants used programming languages such as C, Python, Java, and Ruby. The winners and participants were awarded with E-Certificates

PARENTS - TEACHERS
Connect
2023

- Academic Performance of Individuals.
- Co-curricular and Extra-curricular activities
- Research and Developments
- Achievements of Individual and Team
- Internship Outcomes
- Next One Year Plan
- Expectation from the students and parents by Faculty members.
- conduction of events like Corporate Day '23 and FIESTAA '23

KPR Institute of Engineering and Technology
(Autonomous, NAAC "A")
Department of Artificial Intelligence & Data Science

PARENTS - TEACHERS
Connect
2023

A great opportunity to discuss your child's academic and personal growth.

25 MARCH 2023   09:00 am - 03:00 pm   AD Department, Admin Block

Along with the education and learning of students, a parent-teacher meeting is also an essential part. That will help in enhancing and boosting the child's engagement in the learning system. A parent-teacher meeting is an opportunity to share the academic progress, observation in the classroom and home, assessments, and their interaction with teachers, friends, etc. Department of AD conducted a parents meeting on 25th, March 2023 in AD department to share the achievements and activities of the department for the benefit of students.

STUDENTS ACHIEVEMENTS

G20 YOUNG AMBASSADOR SUMMIT 2023

Students from Department of Artificial Intelligence and Data Science students recently had the incredible opportunity to participate in the prestigious G20 Young Ambassador Summit 2023. Hosted at Sri Krishna College of Engineering and Technology, this summit revolved around the theme of 'Fuelling the Future of Global Youth.' Collaborating with peers from around the world, our students united their efforts to catalyze meaningful change and pave the way for a brighter future. This unforgettable experience empowered our students to make a lasting impact on the global stage and showcased the immense potential of our college in shaping the next generation of leaders in the field of technology and innovation.

BEST PARTICIPANT

Mr. Balamurugan N, a second-year AD student at KPRIET, participated in the Power of Blockchain Technology workshop held at PSG Institute of Technology and Applied Research as a part of Yukta 2023. His exceptional engagement and remarkable understanding of blockchain technology showcased his dedication and passion for exploring cutting-edge advancements. His active participation and contribution reflect the high caliber of students at our institution

Technovanza

"Congratulations to Mr. S. V. Vishal and Mr. G. Rajkumar, second-year AD students, for their outstanding participation at Technovanza as part of Yukta 2023 held at PSG Institute of Technology. Their remarkable achievement showcases their exceptional skills and innovative prowess in the field. We applaud their dedication and commendable performance, which brings pride to our institution."

AWARDS

Congratulations to Pranavv.J, William Renaldy. A, and Vishal.S.V, second-year AD students, for their participation in the Paper Presentation at Quantum 2K23 technical symposium. Their insightful research and excellent presentation skills impressed the audience and judges alike, highlighting their expertise in the field of quantum technology. We commend their remarkable achievement in securing the third prize, which showcases the academic excellence and dedication of our students
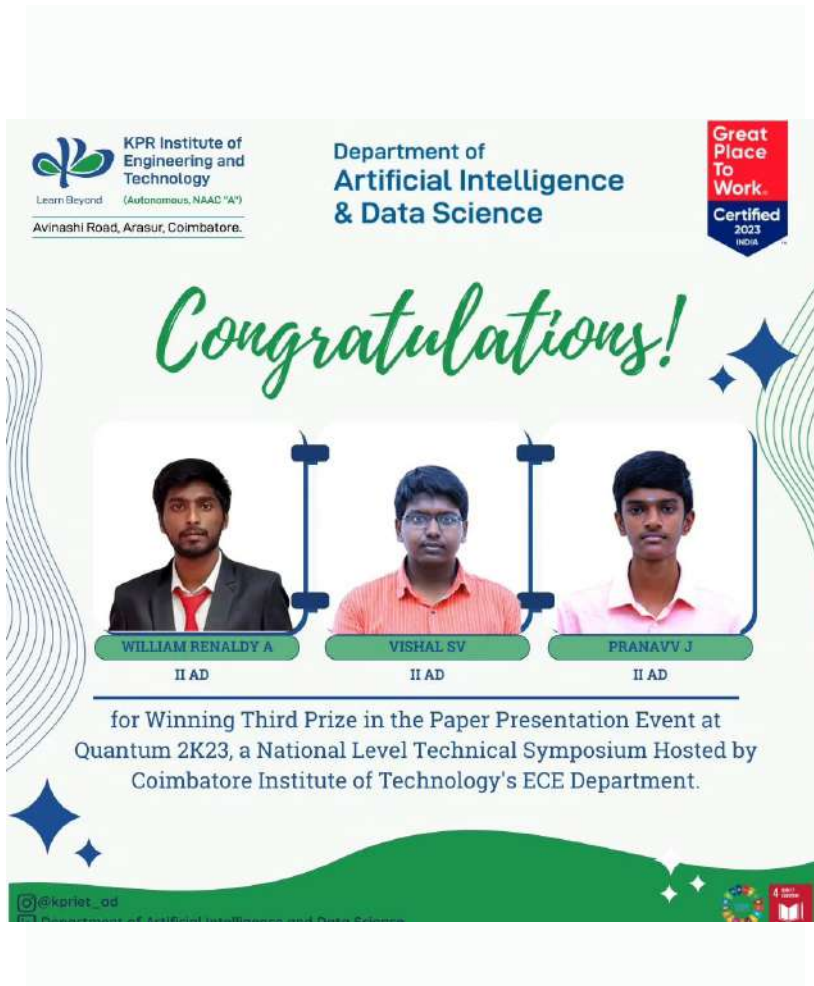
Congratulations to William Renaldy A, Upendran.P, Vishal.S.V, Pranavv.J, and Chitheshwaran.J, second-year AD students, for their outstanding participation at Melinia 2023. Their exceptional skills and unwavering dedication across multiple events propelled them to secure the Overall Championship victory. We applaud their collective efforts, which have brought great honor to our institution. Furthermore, their remarkable accomplishment comes with a cumulative cash prize of Rs. 8500, showcasing their talent and commitment to excellence.

THE HALF BRICK

Our department girls attended "Half Brick - Raw Stories," an inspiring event that celebrates the life journeys of self-made and selfless individuals. They gained valuable knowledge and insights as speakers shared their personal stories of resilience and determination in overcoming setbacks to achieve remarkable success.

KPR Institute of Engineering and Technology
Avinashi Road, Arasur, Coimbatore.

Department of Artificial Intelligence & Data Science

Great Place To Work. Certified 2023 INDIA

CONGRATULATIONS!

VISHAL SV
II AD

WILLIAM RENALDY A
II AD

who secured the 1st and 2nd positions, respectively, in the Debugging contest at TECQUORA '23, which was organized by the Department of IT at Hindustan College of Engineering and Technology.

@kpriet_ad
Department of Artificial Intelligence and Data Science

Congratulations to Vishal S.V, a second-year AD student, and William Renaldy A, also a second-year AD student, for their participation in the Debugging contest at TECQUORA '23. Vishal showcased exceptional debugging skills and problem-solving abilities, while William demonstrated impressive debugging skills and analytical thinking. We commend both Vishal S.V and William Renaldy A for their remarkable participation, which reflects their dedication and expertise in the field of programming.

Tecquora 23

Congratulations to Upendran.P, a second-year AD student who participated in Hindustan College, for securing the second place in the Coding contest at TECQUORA '23. His exceptional coding skills and problem-solving abilities demonstrated his expertise in the field of programming. We applaud his remarkable achievement, which reflects his dedication and commitment to honing his technical skills. This accomplishment brings pride to our institution and showcases the talent of our students

CONGRATULATIONS!

UPENDRAN P - II AD

who secured the 2nd position in the coding contest at TECQUORA '23, which was organized by the Department of IT at Hindustan College of Engineering and Technology.

@kpriet_ad
Department of Artificial Intelligence and Data Science

MELINIA23

CONGRATULATIONS !!

Hearty Congratulations to our students of II AD for bagging the overall championship with a cash prize of Rs.8500 in Melinia'23 - Technical events conducted by Coimbatore Institute of Technology.

Congratulations to William Renaldy A, Upendran.P, and Vishal.S.V, participants at Melinia 2023. Their exceptional performance and dedication have earned them the second place. We commend their remarkable skills and commitment to excellence. Additionally, they have been awarded a cash prize of Rs. 2000 for their outstanding performance. We also extend our congratulations to Pranavv.J, a second-year AD student, for their contribution to the team's success. Well done to all participants for representing our institution with pride!

EDITORIAL BOARD