

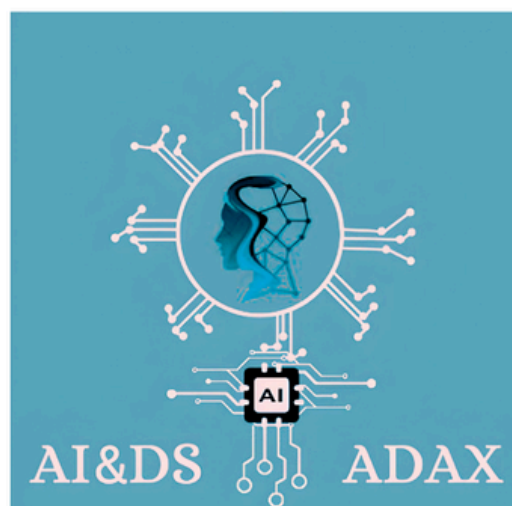


**St. XAVIER'S**  
CATHOLIC COLLEGE OF ENGINEERING  
(Autonomous)

Chunkankadai, Nagercoil - 629003  
Kanyakumari District, Tamil Nadu

Approved by AICTE & Affiliated to Anna University, Chennai  
Accredited with 'A' Grade by NAAC  
UG Programs(ECE, EEE, Mech, Civil, CSE & IT) Accredited by NBA  
Anna University Recognized Research Institute  
Recognized under section 2(f) & 12(B) of UGC Act, 1956  
UG Programs(ECE, EEE, Mech, Civil, CSE & IT),  
MBA & MCA Programs Permanently Affiliated

## NEUROBYTES



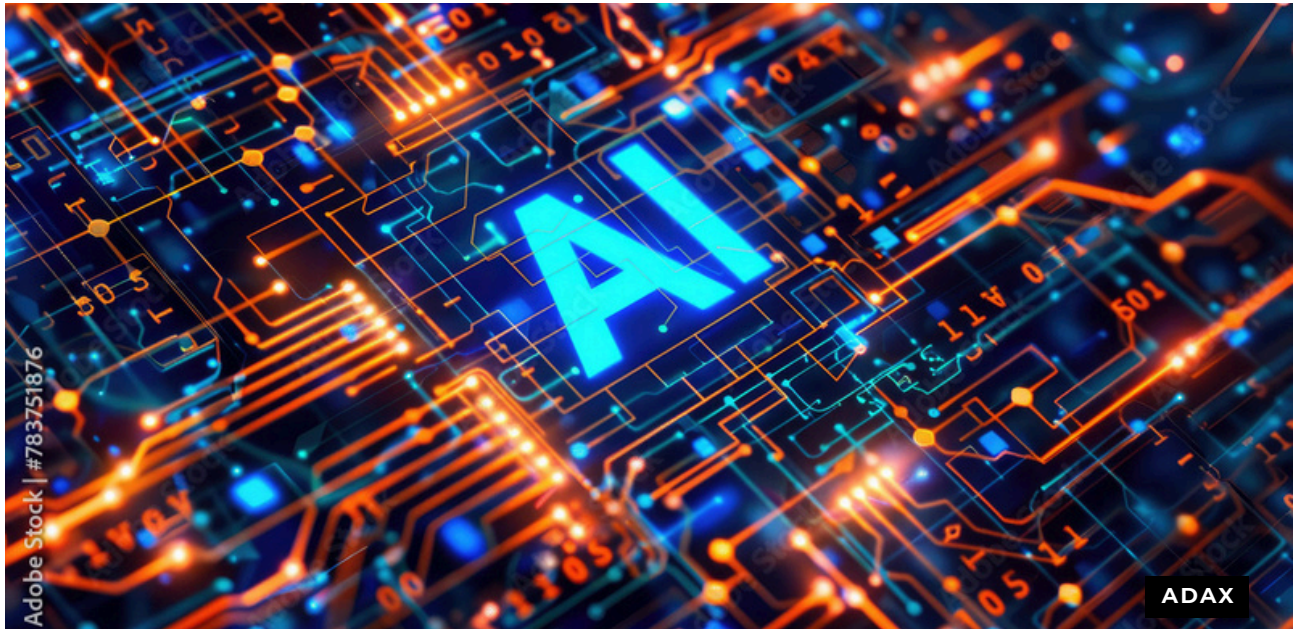
## E – NEWSLETTER

DEPARTMENT OF ARTIFICIAL INTELLIGENCE  
AND DATA SCIENCE

2024 – 2025

# ADAX Newsletter

AI&amp;DS



## PRESIDENT

**Dr. R. JEMILA ROSE, M.Tech, Ph.D**  
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(III Year - AI&DS )

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**Ms. S.S. SHERIN SHARMI**  
**Ms. R.V. RINISHA**

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## OUR VISION

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To evolve as a centre of excellence with international reputation in the field of Artificial Intelligence and Data Science to serve the changing needs of industry and society.

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## OUR MISSION

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- 1.To bring out career oriented graduates who are industry ready by adopting best practices of teaching-learning process.
- 2.To cultivate professional approach, strong ethical values and research spirit along with leadership qualities.
- 3.To contribute towards techno-economic and social development of the Nation.

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## EDITOR MESSAGE

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Dear Readers,

I am delighted to share this edition of our newsletter, showcasing the highlights, achievements, and vibrant moments from our department. Thank you to all who contributed. Let's keep growing and celebrating our journey together.

Warm regards,

M. JASMINE MARY, M.E, (Ph.D)

Editor

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## STUDENT EDITOR'S MESSAGE

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Dear Readers,

We are excited to present this edition of our department newsletter, a reflection of the passion, progress, and vibrant spirit that defines the AI and Data Science community. This newsletter captures memorable events, achievements, and creative initiatives that made our academic journey both enriching and inspiring.

We thank our faculty, peers, and contributors for their continuous support and encouragement. Let's continue striving for excellence together as we grow, learn, and innovate.

Warm regards,

Student Editors.



## From HOD

Dr. R. Jemila Rose  
Head of the Department  
Artificial Intelligence and Data Science



Dear Students, Faculty, and Colleagues,

I'm delighted to witness the release of our department newsletter. It highlights the remarkable achievements of our students and faculty, reflecting our shared passion for AI and Data Science. Let this edition inspire us to continue growing, innovating, and working together to shape a future driven by technology and excellence.

In our department, one Professor and six Assistant Professors are currently serving. Among them, two faculty members have completed their Ph.D., while the others are actively pursuing their doctoral research. All faculty members have attended more than five Faculty Development Programs (FDPs) and at least one workshop. In addition, each faculty member has completed a minimum of three online courses from reputed agencies.

Our recognized research center has four Ph.D. research scholars currently working under the guidance of our faculty. Faculty members have actively contributed to research publications in conferences, peer-reviewed journals, and books, and have also filed and published patents.

Both faculty and students have undergone internship training to enhance practical exposure. Furthermore, around 85 students have successfully completed online certification courses, demonstrating the department's commitment to continuous learning and skill development.

Warm regards,  
Dr. R. Jemila Rose  
Head of the Department  
Artificial Intelligence and Data Science

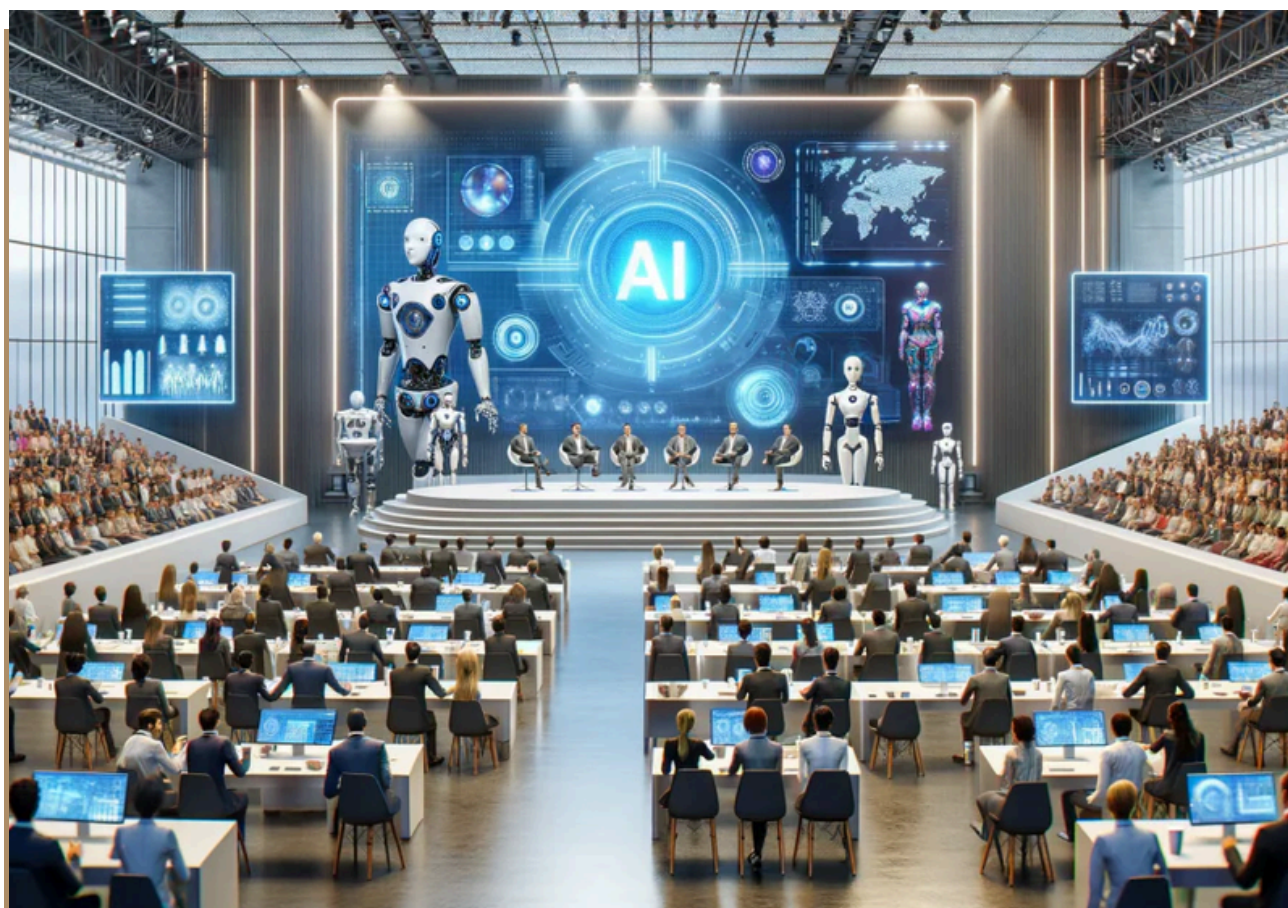


# Program

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	<b>ADAX</b>	
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"Knowledge has to be improved, challenged, and increased constantly, or it vanishes."  
— Peter Drucker

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**Seminar /  
Orientation**

**Workshop /  
Hands-on**

**Industrial Visit**

**FDP(Faculty  
Development  
Programme)**

**Association Event**



# Seminar / Orientation

## Cybersecurity and Ethical Hacking

03-08-2024 -- A full-day seminar on Cybersecurity and Ethical Hacking was conducted by Mr. Iyyapan and Mr. Gnana Sekar from G-Tec, offering students essential knowledge on digital threats, ethical practices, and security protocols, preparing them for real-world IT security challenges and career roles in cybersecurity domains.



## AR-VR Induction Program

20-08-2024 – Mr. Sundara Raman conducted a seminar introducing Augmented and Virtual Reality, exploring immersive technologies and real-world applications. The session provided foundational awareness for students interested in emerging tech, fostering innovation and enhancing understanding of interactive virtual environments across industries.



## Career Awareness in AI

18-09-2024 – Dr. Gopal Swami delivered a seminar on AI career awareness, highlighting roles, future prospects, and industry expectations. Students gained insights into AI's evolving impact across domains, helping them align academic interests with professional goals in artificial intelligence and machine learning.



## Reinforcement Learning

24-09-2024 – Mr. Senthil Kumar presented a focused session on Reinforcement Learning, guiding students through dynamic AI decision-making models, real-time learning, and its applications in robotics and gaming. The seminar equipped attendees with conceptual clarity and awareness of its growing relevance in AI development.



## Drug Abuse Awareness Program

06-02-2025 -Awareness Program: Drug Abuse  
Conducted by S. Senthil Velkumar and Adv.  
Antus Jerome, this awareness program  
addressed the dangers of drug abuse, its  
societal impact, and legal aspects. The session  
emphasized personal responsibility and mental  
health, fostering a socially responsible student  
mindset.



## Workshop / Hands-on

### Photoshop Basics

07-08-2024 – Workshop: Photoshop Basics  
Mr. S. Benziher led an engaging workshop on  
Photoshop Basics, teaching image editing,  
design tools, and visual creativity. Students  
developed fundamental graphic design skills  
useful for academic, marketing, and  
professional design projects.



### AR-VR Session

07-08-2024 – Workshop: AR-VR Session  
Ms. Diya, a III-year AI&DS student, conducted a  
hands-on AR-VR session, introducing practical  
applications and development of immersive  
experiences. The workshop encouraged peer  
learning and creative thinking in modern tech  
environments.



### UI/UX Design using Figma

13-08-2024 Led by Mr. Ezhil Arasu, this  
workshop introduced user interface and  
experience design principles using Figma.  
Students practiced real-time prototyping and  
interface aesthetics, building essential digital  
product design skills.



## Web Designing

20-08-2024 – Web Designing Mr. Ajith conducted a workshop on Web Designing, focusing on HTML, CSS, and layout design principles. Students learned to build responsive web pages, enhancing front-end development capabilities.



## Power BI

20-09-2024 – Workshop: Power BI Dr. J.K. Deepak K delivered a comprehensive session on Power BI, training students in data visualization, dashboards, and business intelligence tools. Practical exercises enabled effective data interpretation and reporting.



## Tailwind CSS using ReactJS

13-02-2025 – Tailwind CSS using ReactJS Ms. A. Anusha from JClick Solutions led a technical workshop on Tailwind CSS and ReactJS, teaching modern UI development with reusable components, responsive design, and rapid prototyping techniques.



## MATLAB

22-03-2025 – MATLAB Mr. Santhosh Rajan conducted a session on MATLAB, covering simulations, mathematical modeling, and engineering applications. The workshop enriched analytical and computational skills through real-time exercises.





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# Industrial Visit

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## Srishti Innovative Pvt Ltd, Kazhakkootam



21-09-2024 – **Srishti Innovative Pvt. Ltd.** Guided by Mr. Prasad (HR), this visit to an AI-based firm gave students practical insight into product development, tech operations, and workplace dynamics in a leading innovation-driven enterprise.

## Visit to EXCEL CORP and XCERPT Solutions, Bangalore



03-10-2024 – **EXCEL CORP & XCERPT Solutions** Mr. Prasanta Mahanta and Ms. Bharathi led an informative tour of cloud computing systems at EXCEL CORP and XCERPT Solutions, Bangalore, helping students relate theory with industry practices.

## Networkz Systems, Trivandrum



22-02-2025 – **Networkz Systems** (Machine Learning) Students explored machine learning systems during an industrial visit to Networkz Systems, Trivandrum, led by Mr. Avinash K Kumar, witnessing real-world AI applications and data-driven solutions.

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## Networkz Systems, Trivandrum



07-03-2025 – **Networkz Systems** (Deep Learning) Led by Mr. Avinash S Kumar, this visit to Networkz Systems focused on deep learning algorithms and applications, enhancing students' knowledge on neural networks and smart systems.

## Logiprompt Pro Academy



23-04-2025 – **Logiprompt Pro Academy** Mr. Vishnu Vijayan introduced students to Data Analytics operations at Logiprompt Pro Academy, combining lectures with live demos in data processing, visualization, and analytics tools.

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## Field Visit

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### Nanjil Milk Plant



29-08-2024 – **Nanjil Milk Plant** Students visited the Nanjil Milk Plant for firsthand exposure to food production and processing technologies, understanding industry operations, quality control, and supply chain management within dairy manufacturing.

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## AK InfoPark



14-10-2024 – **AK InfoPark** (Deep Learning) Mr. Framil conducted an onsite session at AK InfoPark, exposing students to deep learning infrastructure and its role in cognitive computing systems and real-time AI tasks.

## AK InfoPark



07-03-2025 – Field Visit: **AK InfoPark** (Machine Learning) In a continued series by Mr. Framil, this visit provided insights into ML models and system deployment, helping students understand lifecycle stages of intelligent systems in practice.

## J Tech Media



14-03-2025 – **J Tech Media** (Video Editing) Mr. J. Jacob Satish hosted a field visit on video creation, editing, and visual effects. The session trained students on multimedia tools and creative production workflows.



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# Association Event

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## ADAX Inauguration and Seminar

On 27th September 2024, the **Artificial Intelligence and Data Science Association of Xavierians (ADAX)** hosted an insightful and engaging session at the EEE Seminar Hall from 9:00 a.m. to 4:15 p.m. With a focus on the latest trends and advancements in AI and Data Science, the event spanned 8 hours of intensive learning and knowledge-sharing. Participants had the opportunity to interact with industry professionals, gain hands-on experience, and deepen their understanding of emerging technologies.



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## Symposium

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13-03-2025 – **National Level Technical Symposium** Dr. S. Sheela Pon Malar led the National Symposium, showcasing student projects and inviting technical discussions, thus encouraging academic excellence and peer-to-peer innovation exchange.





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# Personality Development Session

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On 2nd May 2025 - Anu Priyadharsini S handled PD session. This session Encouraged individuals to be themselves and recognize their unique energy, enthusiasm, and empathy. It Motivated participants to acknowledge their strengths, accept compliments, and set meaningful personal goals. This session also Highlighted the importance of listening, respectful interaction, and mindful feedback.



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## Valedictory Function

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On 2nd May 2025, the Faculty of SXCCE concluded the academic year with the **ADAX Valedictory Function**, marking a successful chapter of the Artificial Intelligence and Data Science Association of Xavierians. The event celebrated remarkable student achievements, highlighted key milestones, and acknowledged the consistent efforts of both faculty and members. It also served as a platform to reflect on knowledge-sharing initiatives, workshops, and industry collaborations that fostered growth, **Innovation**, and **Technical excellence** among students throughout the year.



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# Certification Program

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## UNITY

09-08-2024 – Facilitated by Department Faculty and External Trainers, this certification introduced students to **Unity** platform essentials, focusing on game development, simulation, and interactive 3D environments, **Enhancing creativity**, logic, design, **Engagement** and **Innovation**.

### 3D Modeling & Animation

09-08-2024 – (One-Week Certification Program)

From 9th August 2024, a **One-week** Unity certification program was conducted, facilitated by the Department Faculty in collaboration with External Trainers. The course introduced students to the fundamentals of the **Unity platform**, emphasizing game development, real-time simulation, and **Immersive 3D Environments**. Through hands-on sessions and guided projects, students enhanced their skills in creativity, logic, interactivity, and digital design.





## Entrepreneurship Launch: iNanjil Software

07-04-2025 – Entrepreneurship Launch: Nanjil Software The Nanjil Consultancy Team launched Nanjil Software, an initiative promoting innovation, self-reliance, and **Student Entrepreneurship** through real-time product development and **Startup Mentoring**.



## Faculty Development Programme

### Exploratory Data Analysis with Prof. Sanjeev Manhas, IIT Roorkee

09-09-2024 – FDP: Exploratory Data Analysis (IIT Roorkee)

From 9th September 2024, a one-week **Faculty Development Programme (FDP)** on **Exploratory Data Analysis** was conducted by Prof. Sanjeev Manhas from IIT Roorkee. The program focused on combining theoretical concepts with practical, hands-on data analytics techniques. It catered specifically to research scholars and faculty members, enhancing their **analytical thinking**, statistical interpretation, and **data visualization** skills.



# AWARDS & ACHIEVEMENTS

## INTER/INTRA COLLEGE EVENTS

SL. No.	EVENT NAME	YEAR	POSITION	NAME	LEVEL	INSTITUTION
TECHNICAL EVENTS						
1	THINK PAIR SHARE	III	I	1. JENILYN J.M 2. ANUVARSHA	NATIONAL	PONJESLY COLLEGE OF ENGINEERING
2	MIMIC MANIA	III	I	1. INFANT JOSHIMA G 2. DIYA M	NATIONAL	PONJESLY COLLEGE OF ENGINEERING
3	LOGO HUNT	III	I	1. INFANT JOSHIMA G 2. DIYA M	NATIONAL	ARUNACHALA COLLEGE OF ENGINEERING FOR
4	PAPER PRESENTATION	III	III	1. INFANT JOSHIMA G 2. DIYA M	NATIONAL	ARUNACHALA COLLEGE OF ENGINEERING FOR
5	PAPER PRESENTATION	II	1	1. BEMZYA SHARON S 2. ASHIKA S	NATIONAL	ARUNACHALA COLLEGE OF ENGINEERING FOR
6	QUIZ	III	II	1. JENISHLIN BRISHO M 2. FATHIMA NASREEN F	NATIONAL	PONJESLY COLLEGE OF ENGINEERING
7	PAPER PRESENTATION	II	II	1. JOSHAN RICHARD J.V 2. RAIYAN M	NATIONAL	PONJESLY COLLEGE OF ENGINEERING
8	GLITCH HUNT	III	III	JONA M	NATIONAL	PONJESLY COLLEGE OF ENGINEERING
9	WEB PAGE DESIGN	II	III	BEMZYA SHARON S	NATIONAL	ARUNACHALA COLLEGE OF ENGINEERING FOR
10	HACKATHON	III	II	1. ANNA SOFIA A, 2. RAISHA BAMPENA S.S	INTRA COLLEGE	ST.XAVIER'S CATHOLIC COLLEGE OF ENGINEERING
11	SMART INDIA HACKATHON	II	BEST IDEA	RAIYAN M	INTRA COLLEGE	ST.XAVIER'S CATHOLIC COLLEGE
12	FDP	III	CASH	1. RESHMA RAMESH R 2. DIYA M	STATE	ST.XAVIER'S CATHOLIC COLLEGE OF ENGINEERING Collaboration with IIT
13	VIDEO EDITING	I	CASH	ALDEN RAJ S	DISTRICT	VISION FILM SOCIETY, NGL



NON-TECHNICAL EVENTS						
14	RECALL RALLY	III	III	1. ABIRAMI M 2. SHERIN E.F SHANIYA	NATIONAL	ARUNACHALA COLLEGE OF ENGINEERING FOR WOMEN
15	EXAM	III	Grade ‘A’	RESHMA RAMESH R	CERTIFICATE ‘B’ EXAMINATI	MINISTRY OF DEFENCE, GOVERNMENT OF
16	E-SPORTS	II	I	1. GOKUL V.M 2. ABILASH 3. ASHWIN FELIX C	NATIONAL	MARTHANDAM COLLEGE OF ENGINEERING

### Sports Event

SL. NO.	NAME	YEAR	EVENT	POSITION	LEVEL
1	MARY SPINOLA S	III	CHESS	I	ZONAL
				II	INTER ZONAL
2	RAHUL R M	III	POWER LIFTING	I	DISTRICT, KANYAKUMARI
				II	TRICHY
3	MERVIN R	II	FOOT BALL	SILVER MEDAL	AU ZONE 19

## Department Event

SL. NO	EVENTS NAME	POSITION	NAME OF THE STUDENT
1	WEB DESIGNING	I	1. SHERIN V 2. ASHIK K
		II	1. M.FARHAN THOUFEEK M 2. ILIN JAFFI I.J
2	PAPER PRESENTATION	I	1. JOSHAN RICHARD J.V 2. MOHAMED IFTHIKAR S.R
		II	1. BEMZYA SHARON S 2. ASHIKA S
		II	1. JISHNA M.S 2. ABISHA S
		III	1. BEJANSLIN B 2. SHERIN V
3	PROJECT EXPO	I	1. JERIMOTH IMMANUEL J 2. ALVIN KIJESH M
		II	1. BEMZYA SHARON S 2. ASHIKA S 3. ABISHA S 4. JISHNA M.S
		III	1. AADVIN A 2. THENNAVAN L 3. ASHIK R.S
4	AI TOOL	I	1.SHERIN V 2.ASHIK K
		II	1.SINJU S.R 2.JISHNA M.S
5	PAPER PRESENTATION	I	1. RESHMA RAMESH R 2. BLESSILIN GOLDA K
		II	1.ANUVARSHA J 2. JENILYN J.M
		III	1. NANDHANA SREE NIDHI T.N.A 2. ABIRAMI M 3. JONA M

6	AI TOOL	I	1. JENISHLIN BRISHO M 2. VIGNESH I
		II	1.BINSIKA P.D 2.HERIN CATHARIN V 3.JEMI KARSHA J
		III	1. RESHMA RAMESH R 2. ANUVARSHA J 3. BLESSILIN GOLDA K
7	ENDOWMENT AWARD	I	1.AHAMED SHAFEEK S 2. SANTHOSH SHARUK C 3. THANU SIVA N
		II	1. JENISHLIN BRISHO M 2. VIGNESH I
8	PROJECT EXPO	I	1. MARY SPINOLA S 2. SAFFRAN S 3. RAISHA BAMPENA S.S 4. BREENA QUEEN J
		II	1. JENILYN J.M 2. ANUVARSHA J
		III	1.RESHMA RAMESH R 2. BLESSILIN GOLDA K 3. BERZHA J

## Endowment Award

**Project Name : Kinder Garten App Appreciation**

YEAR	PROJECT DEVELOPER
III	1.AHAMED SHAFEEK S 2.SANTHOSH SHARUK C 3.THANU SIVA N 4.VIGNESH I 5.JENISHLIN BRISHO M

# Nanjil Consultancy Appreciation

YEAR	YEAR
III	1. ABINESH R.P 2. AHAMED SHAFEEK S 3. ARWIN DHAS Y.K 4. JEGIRLIN ATHIRSH K.B 5. JENISHLIN BRISHO M 6. RAHUL S 7. SANTOSH SHARUK C 8. SIVA MOHAN V 9. SIVANESH P 10.THANU SIVA N
II	1.AKSHAN M 2. JERIMOTH IMMANUEL J 3. JOSHAN RICHARD J.V 4. MOHAMED IFTHIKAR S.R 5. RAIYAN M

## Video Creation And Editing

### 3rd Prize :

1. EBIL METILDA S
2. VIGNESH I
3. JENISHLIN BRISHO M
4. STANIS NAVEEN D
5. SHERIN SHARMI S.S
6. FATHIMA NASREEN F
7. BEO HINGIS N
8. ARUL RAKSHA A
9. JEMI KARSHA J
- 10.BINSIKA P.D
- 11.HERIN CATHARIN V



### 1st Prize :

1. DIYA M
2. RITCHIE TANYA J
3. LENIDA K
4. INFANT JOSHIMA G
5. SAHAYA NANCY SHERLI M.A
6. JENISHA FERNANDO J
7. BLESSILIN GOLDA K
8. RESHMA RAMESH R
9. BERZHA J

### 2nd Prize :

1. JONA M
2. SHERIN E.F. SHANIYA
3. NANDHANA SREE NIDHI T.N.A
4. ABIRAMI M
5. GIFTLIN DERSHIYA S.U
6. KRISHNAVENI B.R
7. ANNA SOFIYA A
8. RINISHA R.V
9. SIVA MOHAN V
- 10.VINEESH V.S
- 11.ARWIN DHAS Y.K
- 12.THANU SIVA N
- 13.RAHUL S



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# GALLERY

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