News Letter 2024-2025



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
Recognized under section 2(f) & 12(B) of UGC Act, 1956
UG Programs(ECE, EEE, Mech, Civil, CSE & IT),
MBA & MCA Programs Permanently Affiliated

Department of Humanities & Science Commitment towards excellence

NEWSLETTER





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
Recognized under section 2(f) & 12(B) of UGC Act, 1956
UG Programs(ECE, EEE, Mech, Civil, CSE & IT),
MBA & MCA Programs Permanently Affiliated



DEPARTMENT OF HUMANITIES AND SCIENCE

COMMITMENT TOWARDS EXCELLENCE

NEWSLETTER

2024-2025



ST. XAVIER'S CATHOLIC COLLEGE OF ENGINEERING CHUNKANKADAI, NAGERCOIL-629 003

(Affiliated to Anna University, Chennai)

DEPARTMENT OF HUMANITIES AND SCIENCES

Commitment towards excellence

The department of Humanities and Sciences of St.Xavier's Catholic College of Engineering give importance to impart excellent technical knowledge to install in to the young minds a wide perspective of social and spiritual values. It is a welcoming place with a purposeful atmosphere appropriate for learning mingled with cultural and moral. It provides endless opportunity for individual personality development through enrichment activities, extension activities educational visits and sports. This letter of our department outlines the multidimensional aspects carried out during the year 2024-2025.

Vision of our department

To serve as a forum for enriching the knowledge of the students in humanities and science arena to excel in engineering education that would bring technology and society.

Mission of our department

The department of humanities and sciences seeks to lay a strong foundation in basic sciences and basic engineering, besides developing competency in English language skills and also to mould the fresher's in to wholesome personalities through enriching and motivational programmes and there by assisting them realize their inner potential and the commitment to society.

INTERNAL ASSESSMENT EXAMINATION (ODD SEMESTER)

First Internal Assessment Test	04-11-2024 to 13-11-2024
Second Internal Assessment Test	27-11-2024 to 10-12-2024
Model Practical Examinations	12-12-2024 to 18-12-2024
Model theory Examinations	02-01-2025 to 10-01-2025

INTERNAL ASSESSMENT EXAMINATION (EVEN SEMESTER)

First Internal Assessment Test	26-03-2025 to 07-04-2025
Second Internal Assessment Test	29-04-2025 to 09-05-2025
Model Practical Examinations	12-05-2025 to 19-05-2025
Model theory Examinations	21-05-2025 to 30-05-2025

OFFICE BEARERS

Dr. V. Vijimon Moni,

President :

First Year Co-ordinator, H&Sc

Faculty Advisor : Ms. M. Sindhu (AP / Physics)

Secretary : Mr. E. A. Earnest Abraham (I AI&DS A)

Joint Secretary : Ms. P. S. Shri Shivani (I ECE B)

Treasurer : Mr. S. Reegan (I AI&DS B)

Executive Members: Mr. J. Balakrishnan (I CIVIL)

Mr. L. Jerin Stino (I MECH)

Mr. B. R. Selva Sajeen (I CSE C)

Mr. A. Mohamed Jaseem (I MECH B)

Ms. J. E. Heleena (I ECE A)

Ms. M. A. Amirtha Varshiny (I EEE)

Ms. C. Elena (I CSE B)

Ms. S. Anlin Biniya (I CSE A)

Ms. V. M. Jeevima (I IT)

St. Xavier's Catholic College of Engineering Department of Humanities and Sciences

SHAX 2024-2025 YearPlan

Sl.No	Date	Program	Objectives	Beneficiaries
1	03/07/2024	Bridge course	To make the students understand the basic sciences and enrich them with good communication skills.	First year students
2	13/08/2024	Faculty Enhancement Program	To Enhance the Skills And Values For Effective Mentoring Of Youth	For Faculty members
3	02/09/2024	Human Value Based Student Induction Programme	Make the students to achieve the life goals along with basic skills.	First year students
4	13/09/2024	First Year Inauguration	Imparting the students to a new life	First year students and parents
5	24/10/2024	English Conference	To foster the youth effective communication and innovative strategies in linguistic research.	Faculty and First year students
6	06/11/2024	SHAX Inauguration	To know about SHAX	First year students
7	04/12/2024	Higher Order Thinking course	To develop the creative and critical thinking skills	First year students
8	14/12/2024	Seminar on Quality Engineers	To develop the quality skills of the students	First year students
9	24/01/2025	PTI Meeting	Interact and discuss students progress in studies with the parents.	First year students and parents
10	08/03/2025	Seminar on Life Skills	To motivate the students for placement	First year students
11	08/03/2025	Motivational Talk	To motivate the students	First year students
12	13/03/2025	InnovateX'25 ' An Idea presentation Competition	To bring together the brightest minds to address real-world challenges faced by our country.	First year students
13	07/05/2025	Motivational Talk	To motivate the slow learners.	For slow learner first year students
14	10/05/2025	Industrial visit-District Science centre, Tvly	To know the design and concepts of Engineering.	First year students

Bridge Course (2024-2025)

The Department of H&Sc has conducted the Bridge Course for the First year newly admitted students from 03rd July to 12th July 2024. The Program was conducted in offline mode. The branches involved are Electronics and Communication Engineering (ECE), Computer Science Engineering (CSE), Information Technology (IT), Electrical and Electronics Engineering (EEE), Mechanical Engineering (MECH), Civil Engineering (CIVIL), and Artificial Intelligence and Data Science (AI&DS). Within these allotted days, 48 sessions were conducted for the students. 12 sessions were allotted for English, 10 for Mathematics, 10 for Physics and 10 for Chemistry. In addition, 4 sessions were allotted for sports, library and departmental activities. On the last day of the course Students feedback was also collected and assessment was also done.





InnovateX'25 – An Idea presentation Competition

InnovateX'25, an intra college idea presentation is organized by SHAX in association with Hackathon Cell on 13.03.2025 to foster creativity and innovation by encouraging participants to showcase impactful solutions to real-world problems. It also enhances communication skills and provides a platform for networking and recognition. The themes are smart automation and AI in daily life. 37 teams participated in the competition. Trophies and certificates were presented to the winning teams in each theme by our Dean Futuristic Services, Mr. M.Anto Xavier Roche and our First year Coordinator Dr. V. Vijimonmoni.



INTERNATIONAL CONFERENCE ON INNOVATIVE STRATEGIES FOR LINGUISTIC RESEARCH AND EFFECTIVE COMMUNICATION - ICILE-2024

Overview

Over the past two days (24/10/2024 and 25/10/2024) ICILE 2024 organizers brought together participants, specialists, eminent scholars, delegates, research scholars to St. Xavier's Catholic College of Engineering for the participation of International conference intake at different venues on specified topics.

Objective

To foster the youth effective communication and innovative strategies in linguistic research.

Outcome

On par with the current requirement of the industries and provide a platform for various companies to recruit the students from the college.

The International Conference ICILE 2024, held at St. Xavier's Catholic College of Engineering on October 24 and 25, was a notable success, blessed by divine favor. Organized by the Department of English in partnership with the Humanities and Sciences & Training and Placement Cell, the conference

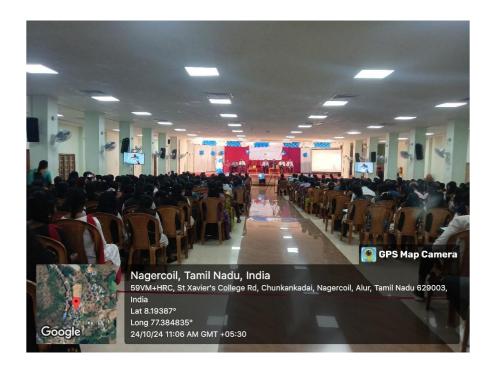
began with an inaugural ceremony on October 24. This ceremony featured a prayer song performed by the Department Choir, followed by a welcome address from Dr. M. Marsaline Beno, Dean of Research, and acknowledgments from Rev. Fr. S. Godwin Selva Justus, the Correspondent.

Key moments included a keynote address by Gino Jose Mathew M. from Canada and the release of abstracts led by Dr. James R. Daniel. The event showcased distinguished resource persons such as Dr. James R. Daniel, Gino Jose Mathew M., Dr. M. Illankumaran, and Dr. R. Abilasha, alongside a variety of workshops and paper presentations conducted in different venues under the guidance of appointed venue directors and chaired by notable leaders.

The conference concentrated on critical areas within research methodologies and communication, covering topics like innovation, barriers to communication, media influence, virtual and corporate communication, interpretive techniques, trends in practices, quality standards, industrial approaches, psychological perspectives, commercialization, digital media, and interpersonal relationships.

A total of 660 participants attended the event, including 60 staff members and 550 students. Among these participants, 46 presented papers in person at the EEE Seminar Hall while 20 presented virtually.





Higher Order Thinking Course (2024-2025)

As per the curriculum, a one credit course on, "Higher Order Thinking" was added to the syllabus of the first year. In order to improve the students critical and creative thinking skills, a session on the same topic was conducted for five days from 04-12-2024 to 13.12.2024. The session was handled by the eminent personality, Dr. S.Lourdunathan, Associate Prof &Head, Department of Philosophy, Arulanandhar College, Madurai. The session was interesting and it enables the students to enhance the problem solving skills which is required for an engineer. The resource persons gave various activities to the students to make the session a lively one. Students gained knowledge on deductive and inductive problem solving skills and how to figure out the problems in an easier manner. They also explained about the reasoning ability which can be asked in exams such as GATE. Students enjoyed the sessions and finally the session ended on 13th December, 2024. Dr. V. VijimonMoni, the coordinator of HSC Department proposed the vote of thanks.





Industrial Visit

On the 10th and 16th of May, 2025, the first-year students of ECE-A, ECE-B, IT, AI&DS-A, AI&DS-B, EEE, CIVIL, MECH-A, and MECH-B embarked on an educational industrial visit to the District Science Centre, Tirunelveli. A total of 375 students, accompanied by 18 faculty members, participated in this insightful and enriching tour.

The journey commenced at 9:00 a.m. from the college premises, and the team reached the Science Centre by 11:00 a.m. Upon arrival, students were guided through a series of interactive and engaging exhibits, including the Fun Science Gallery, Famous Scientists Gallery, Electronics Gallery, the New Wings of Electronics Gallery, and the captivating Mirror Magic section.

The visit significantly contributed to the students' academic growth by reinforcing theoretical concepts with real-world applications. The group departed from the centre and returned to the college by 4:30 p.m., carrying with them valuable knowledge and memorable experiences.









Motivational talk on Your Journey, Your Strength

The Department of Humanities & Sciences organized a motivational talk titled "Your Journey, Your Strength" on 7th May 2025 at 1.00 PM in Einstein Hall with a prayer song. Ms. S. Aslin, I AI&DS welcomed the gathering. Ms. Edin Zeppaniah introduced the resource person. Dr. V. Vijimonmoni, Coordinator of the Department of Humanities and Sciences, outlined the objectives of the program. The event featured Mr. Florin Raja Singh, Assistant Professor in the Department of ECE at SXCCE, as the resource person.

The session aimed to motivate the slow learner students by encouraging them to embrace their individual journeys and recognize their personal growth and strength through life's experiences. Mr. Florin Raja Singh insights emphasized self-belief, perseverance, and the importance of maintaining a positive attitude in the face of adversity.

Students actively participated in the event, with several engaging in interactive discussions and sharing their reflections. The talk left a strong impact on the audience, motivating them to pursue their academic and personal goals with renewed determination. Ms. Jeevima, I IT thanked gave the vote of thanks.



Faculty Enhancement Program on "Skills and Values for Effective Mentoring of Youth"

The Faculty Enhancement program on 13th August 2024 began at 9:30 AM with a prayer song, setting an inspiring tone for the day. Dr. J. Maheswaran, Principal, welcomed the participants warmly, emphasizing the seminar's importance and encouraging active participation. Rev. Fr. S. Godwin Selva Justus, the Correspondent, officially inaugurated the program. He outlined the programme's objectives and commended the organizers for their efforts, delivering an insightful and motivating speech that set a positive tone. Rev. Fr. Dr. Kumar Raja from the Thoothukudi Diocese led the keynote session, presenting a thought-provoking talk on Skills and values for Effective mentoring of youth. His engaging presentation stimulated valuable discussions among the participants. After the keynote session, feedback was solicited from participants, providing insights into the seminar's impact and areas for improvement. The seminar concluded with a Vote of Thanks delivered by Dr. V. VijimonMoni expressing gratitude to all contributors and acknowledging their role in the event's success. Overall, the program was a success, marked by engaging presentations and meaningful interactions that provided a comprehensive and enriching experience for all participants.



Power Seminar on Soft Skills

A Power Seminar on Soft Skills was conducted on 14th November 2024, hosted by St. Xavier's Catholic College of Engineering, Chunkankadai, Nagercoil, in collaboration with ICT Academy.

The seminar focused on three essential areas of professional development:

- 1. Communication Skills
- 2. Emotional Intelligence (EQ)
- 3. Problem-Solving and Critical Thinking

The session was led by Mr. Gregory Manoj, Assistant General Manager (Learning & Development) at Allsec Technologies Limited, who brings over 21 years of experience in leadership roles. With his extensive background in training, change management, and organizational development, Mr. Manoj shared insights into handling international Voice and Accent (V&A) training and soft skills enhancement programs.

Participants gained valuable knowledge on how to improve their interpersonal skills and approach challenges critically and creatively. The seminar aimed to prepare attendees for the dynamic demands of the corporate world, emphasizing practical strategies for personal and professional growth.

This initiative reflects St. Xavier's commitment to equipping students with skills that extend beyond technical expertise, fostering well-rounded professionals for the future.





Parent Teachers Interaction

The Parent Teachers Interaction meeting of the first-year students was conducted on 20/12/2024 at 2.30 pm in the Conference Hall. The meeting started with the prayer song. The PTI Coordinator of first year, Dr. N. The Principal, Dr. J. Maheswaran explained the salient features of autonomous and gave a brief output of the departmental activities. So many questions and suggestions were raised during the interaction session with the parents. The Principal gave a detailed explanation for all the questions raised. Presidential address was given by the Correspondent, Rev.Fr. S. Godwin Selva Justus. The Coordinator of H&Sc, Dr. V. Vijimonmoni, proposed the vote of thanks. The meeting came to an

end by 4.30pm. After the meeting the parents met the concerned faculty to get the marks and attendance percentage of their children.



SEMINAR ON SKILLS TO BECOME EMPLOYABLE-READY ENGINEERING GRADUATES!

The seminar commenced on March 8, 2025, at 1:00 PM with a prayer song. Ms. V. M. Jeevima welcomed the students from the Department of IT and Computer Science and Engineering, highlighting the significance of the event and encouraging active engagement. Dr. V. Vijimonmoni, Coordinator of the Department of Humanities and Sciences, outlined the objectives of the program and appreciated the organizers for their dedication.

Mr. M. Anto Xavier Roche, Dean of Student Futuristic Services, delivered an insightful talk on "Skills to Become Employable-Ready Engineering Graduates" to the students. The top performers who secured the first three positions in the Semester I University exams were also honored during the meeting by our Dean with mementos as a gesture of encouragement to inspire the students. Ms. M. A. Amirtha Varshiny, an executive member, also addressed the gathering.





Seminar on Leadership

The leadership seminar on November 19, 2024, began at 10:45 AM with a soulful prayer song, creating an atmosphere of inspiration and enthusiasm. Dr. J. Maheswaran, Principal, warmly welcomed the participants, emphasizing the seminar's significance and encouraging active engagement. Rev. Fr. S. Godwin Selva Justus, the Correspondent, delivered an insightful session on leadership skills, sharing valuable strategies for effective leadership. His talk was both inspiring and practical, motivating students to cultivate confidence, responsibility, and a vision for the future. Through engaging discussions and real-life examples, he highlighted the qualities of a true leader and the impact of strong leadership. The interactive nature of the seminar encouraged students to reflect their strengths and areas for improvement. Participants found the session highly beneficial, gaining a deeper understanding of leadership principles and their real-world applications. The event fostered a spirit of motivation, urging students to step forward as future leaders in their respective fields. As the seminar drew to a close, the organizers expressed gratitude to the speaker and participants for their enthusiastic involvement. The program concluded with a heartfelt vote of thanks, marking the end of a truly enriching and inspiring session.



SEMINAR ON QUALITY ENGINEERS

A Seminar on Quality Engineers was conducted on November 14, 2024, hosted by St. Xavier's Catholic College of Engineering, Chunkankadai, Nagercoil. Dr. J. Maheswaran, Principal, warmly welcomed the participants, highlighting the seminar's importance and encouraging active engagement. Rev. Fr. S. Godwin Selva Justus, the Correspondent, officially inaugurated the program, emphasizing the need for skilled and competent engineers. Dr. J. Ann Rose, IQAC Coordinator, led the seminar with great expertise, delivering an insightful and engaging session. She discussed the key qualities of a successful engineer, focusing on technical excellence, innovation, and ethical responsibility. The session provided students with valuable knowledge, enhancing their understanding of industry expectations and career growth. Participants actively engaged in the session, gaining motivation to refine their skills and strive for excellence in their careers. As the seminar drew to a close, appreciation was extended to the organizers and speakers for their valuable contributions. The program concluded with a heartfelt vote of thanks, leaving students enriched, inspired, and motivated for the future.



SEMINAR ON YOUTH EMPOWERMENT

The Youth Empowerment Program on October 12, 2024, commenced at 9:45 AM with a soulful prayer song, setting an inspiring tone for the day. Dr. J. Maheswaran, Principal, warmly welcomed the participants, highlighting the significance of the program and encouraging active engagement. Rev. Fr. S. Godwin Selva Justus, the Correspondent, officially inaugurated the event and provided an insightful overview of its objectives. He emphasized the importance of youth empowerment in shaping a responsible and progressive society. Rev. Fr. Dr. Kumar Raja from the Thoothukudi Diocese led the keynote session, delivering a thought-provoking and inspiring address to the students. His speech focused on self-confidence, leadership, and the role of young minds in creating a better future. Through engaging discussions and real-life examples, he motivated students to embrace challenges and strive for excellence. The session encouraged active participation, fostering enthusiasm and self-reflection among

the attendees. As the event drew to a close, gratitude was expressed to the speakers and organizers for their valuable contributions. The program concluded with a heartfelt vote of thanks, leaving participants inspired and empowered for the journey ahead.



SHAX Inauguration

The Inauguration of SHAX was conducted on 06/11/2024 at 2.45pm in the Conference hall. The program started with the prayer song. Joint secretary of SHAX welcomed the gathering. The Faculty Advisor Ms. M. Sindhu introduced the new office bearers for this academic year. The annual report was presented by the Secretary of SHAX. Dr. V.Vijimonmoni, Coordinator of H&Sc introduced the chief guest. Er. C. Chandrasekharan, Deputy Director, IPRC, Mahendragiri gave the chief guest address. Felicitation was given by the Principal, Dr. J. Maheswaran. The treasurer of SHAX rendered vote of thanks. The meeting came to an end by the college anthem.



Students Induction Program (2024-2025)

Transition from school to college life is one of the most challenging events in a students' life. When new students enter an institution, they come with diverse thoughts, backgrounds and preparations. Induction Program helps students to open up, think creatively, become responsible and independent students.

The Purpose of Student Induction Program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration. Student Induction Program engages with the new students as soon as they come into the institution before regular classes start. At the start of the induction, the incumbents learn about the institutional policies, processes, practices, culture and values.

OBJECTIVES:

- This course is mandatory for all the fresh students admitted in any UG Degree Program offered by the college.
- To help the students feel comfortable in the new environment and adjust to the customs and practices of the college.
- To enable the students to become familiar with the amenities and accessing the intellectual and physical resources of the institutions
- The main aim of the program is to instill the ideas, practices and spirit of St. Xavier's Catholic College of Engineering and its unique features.
- To enable the students to understand and have better relationship with the faculty members for setting the pace of fruitful teaching and learning experiences.
- Giving attention to stimulating social integration of students among themselves and with teachers.
 - The Student Induction Program for the academic year 2024-2025 at St. Xavier's Catholic College of Engineering is designed to facilitate the holistic development of incoming students. Scheduled from September 2 to September 12, 2024, the program covers a diverse range of topics that cater to the physical, emotional, and intellectual growth of the students. Key sessions include Health Care, Hygiene & First Aid by Dr. Kumarasamy and team, Youth Awareness by Rev. Fr. Alwin Jose, and Memory Techniques training led by Dr. Marsaline Beno. Additionally, personality development, mental and emotional wellbeing, and goal-setting guidance are emphasized, with experts such as Ms. S. Jasmine Suguna and Rev. Fr. Sebastin conducting these critical workshops.

breaking bad habits, focusing on helping students cultivate positive academic and personal habits. Other essential components of the induction include English, Physics, Chemistry, Mathematics, and skill development sessions, facilitated by the department's faculty members. Furthermore, extracurricular activities such as sports, National Cadet Corps (NCC), and library familiarization will also be conducted to encourage a balanced student life. Overall, the agenda reflects a well-rounded approach, ensuring that students are equipped with the tools needed for both academic success and personal growth.







SCIENCE AND HUMANTIES ASSOCIATIONOF XAVIER'S (SHAX) ANNUAL REPORT ACADEMIC YEAR 2024-2025

It is my honor to present the Annual Report of the Science and Humanities Association of Xavier's (SHAX) for the academic year 2024–2025. Science and Humanities play a vital role in man's life. Realizing their importance the department of Humanities and Science through its association SHAX aims at producing holistic technocrats with scientific temperament and ethical values.

The academic year 2024–2025 was marked by a vibrant array of academic and co-curricular programs that enriched both students and faculty members. These initiatives were aimed at empowering our students with knowledge, skills, and values essential for their personal and professional growth. We commenced the academic year with a **Bridge Course** on 3rd July 2024, led by Dr. Philo, Mr. A. F. Rex, and Ms. Abisha. This course successfully oriented over 400 newly admitted students, easing their transition into the college environment. On 13th August 2024, a **Faculty Enhancement Program** was conducted by Rev. Fr. Dr. Kumar Raja, benefitting 37 faculty members and equipping them with strategies for effective teaching and student engagement.

As part of the value-based initiatives, the **Human Value-Based Student Induction Programme** held on 2nd September 2024 drew the participation of 670 students. It was facilitated by the Deans, Heads of Science and Humanities, staff, and guest speakers, emphasizing ethics, discipline, and responsibility. The year also saw the **First Year Inauguration** on 13th September 2024, where Dr. S. Swamynathan, Professor & HOD, Department of Information Science, Anna University, Chennai, addressed a gathering of over 1500 freshers and parents.

Academic excellence was promoted through several intellectual engagements. On 24th October

2024, an **English Conference** was organized, with eminent speakers such as Dr. James R. Daniel, Gino

Jose Mathew M, Dr. M. Illankumaran, and Dr. R. Abilasha, drawing 600 participants. A Soft Skills

training session led by Mr. Gregory Manoj on 14th November 2024 benefited 300 students. To stimulate

critical thinking, a **Higher Order Thinking Course** was conducted on 4th December 2024 by Dr. S.

Lourdunathan, with a remarkable turnout of 680 students.

The Parent-Teacher Interaction Meeting held on 24th January 2025 witnessed active

participation from around 300 stakeholders, including the Correspondent, Principal, faculty, and parents.

The session was instrumental in reinforcing the partnership between home and institution for the holistic

development of students.

Career readiness was a major focus this year. On 8th March 2025, a Seminar on Skills to

Become Employable-Ready Engineering Graduates was held by Mr. M. Anto Xavier Roche, Dean of

SFS, engaging 682 students. This was followed by a Motivational Talk titled "Your Journey, Your

Strength" by Mr. R. Florin Raja Singh on 7th May 2025, which inspired 58 participants with insights

into self-discovery and perseverance.

The spirit of innovation was celebrated during the **Hackathon** conducted on 13th March 2025,

facilitated by Mr. M. Anto Xavier Roche. This event attracted 136 participants and showcased a

dynamic range of student-driven tech solutions. Additionally, our students participated in an **Industrial**

Visit to the District Space Centre, Tirunelveli on 10th and 16th May 2025. A total of 682 students

benefitted from this real-world exposure to the space industry.

The academic year also marked the **inauguration of SHAX** on 6th November 2024, with

Er. C. Chandrasekharan, Deputy Director of IPRC, Mahendragiri, gracing the occasion. This event drew

720 students and signified a new chapter in student innovation and extracurricular engagement.

Each of these events, marked by enthusiastic participation and expert guidance, reflects our commitment

to providing a holistic and empowering educational experience. We thank all resource persons, faculty,

and students for their active involvement and look forward to an even more enriching year ahead.

"The journey is never ending. There's always gonna be growth, improvement, adversity

let's all continue to grow"

Thank you

Faculty Advisor

(Ms. M. Sindhu)

HOD/Dean In Charge (Dr. V.Vijimonmoni)