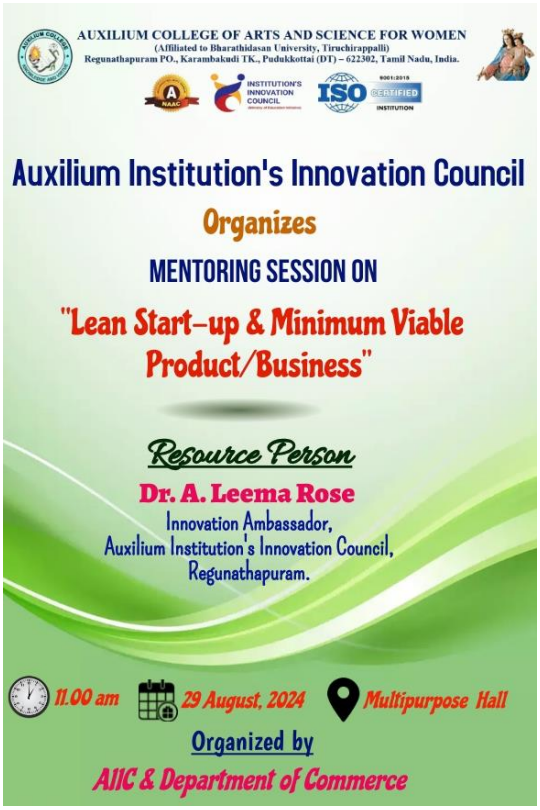
MENTORING SESSION ON LEAN START-UP & MINIMUM VIABLE PRODUCT/BUSINESS

Name of The Activity	Mentoring Session on Lean Start-up & Minimum Viable Product/Business
Date of Activity	29.08.2024
Mode of Conduct	Offline
Time	11.00 AM - 04.00 PM
Venue	Auxilium College of Arts and Science For Women, Regunathapuram
Resource Person	Dr.A.Leema Rose
Participants	Students: 85 Faculty: 06
Description	On August 29, 2024, the Department of Commerce hosted a seminar titled "Lean Start-Up & Minimum Viable Product/Business" in the Multipurpose Hall. The event was honored by the presence of Dr. A. Leema Rose, Assistant Professor, Department of Mathematics and the NIRF Coordinator, Auxilium Institution's Innovation Council, who served as the Chief Guest. The seminar was attended with enthusiasm by 85 students and six faculty members. Dr. A. Leema Rose was warmly welcomed by Dr. Sr. Sebasti Jeya Pushpam, Principal, and Dr. Sr. Santiagu Theresal, Vice Principal of the College. Their gracious hospitality set a positive tone for the seminar. Dr. A. Leema Rose delivered an engaging and informative session on key concepts related to Lean Start-Up and Minimum Viable Product/Business. The seminar encompassed several essential topics: **Evaluation of the Product:** Dr. A. Leema Rose discussed effective methods for evaluating a product, highlighting the significance of market research and customer feedback. She emphasized how these evaluations can guide product refinement and market fit. **Innovation Ideas:** The Chief Guest shared various innovative strategies that can be applied to enhance a product. This segment aimed to inspire students to embrace creative thinking and implement novel solutions in their projects. **Product Launching:** Detailed guidance was provided on successful product launching strategies. Dr. A. Leema Rose offered practical advice on planning and executing a product launch to ensure maximum impact and visibility. **Product Development:** The seminar covered the iterative process of product development, stressing the importance of prototyping, testing, and refining products based

	on real-world feedback to achieve continuous improvement. The event saw active participation from students, who eagerly engaged with Dr. A. Leema Rose. They took the opportunity to interact directly, ask questions, and gain valuable insights from her expertise. The seminar on "Lean Start-Up & Minimum Viable Product/Business" concluded successfully with positive feedback from both students and faculty. The knowledge imparted by Dr. A. Leema Rose provided participants with practical skills and innovative ideas crucial for entrepreneurial success. The event significantly enhanced understanding and contributed to creating a dynamic learning environment. The Department of Commerce extends heartfelt thanks to Dr. A. Leema Rose for her valuable contribution and to all participants for their enthusiastic involvement. This seminar represents a significant advancement in our commitment to delivering practical and impactful learning experiences.
Broucher	

Photos	AUX Why do they fall? GPS Map Camera Regunathapuram, Tamil Nadu, India H46F+MVX, Regunathapuram, Tamil Nadu 622302, India Lat 10.561258° Long 79.124186° 29/08/24 11:29 AM GMT +05:30 Google GPS Map Camera Regunathapuram, Tamil Nadu, India H46F+MVX, Regunathapuram, Tamil Nadu 622302, India Lat 10.561255° Long 79.124186° 29/08/24 11:31 AM GMT +05:30 Google

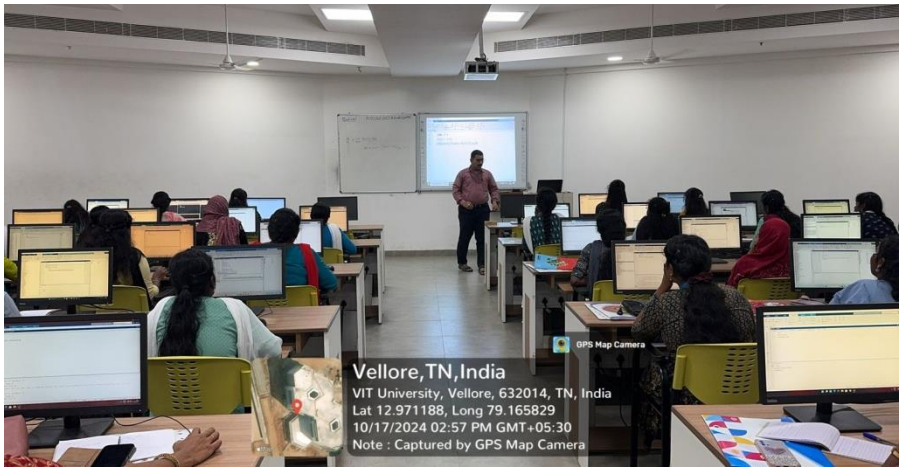
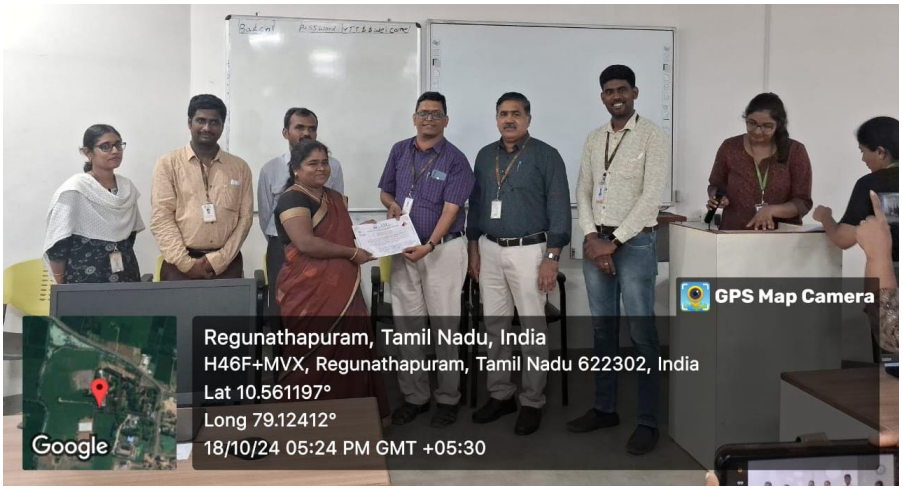
NPTEL SWAYAM EXAMINATION

Course Type	SWAYAM NPTEL
Name of the Course	Operations Research
Category	Mathematics
Level	Undergraduate
Duration	8 week
Course Start and End date	July 22, 2024 to Sep 13, 2024
Exam date	22.09.2024
Mode of Conduct	Online
Time	9.00 AM – 05.00 PM
Venue	Arasu Engineering College, Kumbakonam
Course Result	Registered : 27 Absent : 01 Fail : 10 Successfully Completed : 13 Elite : 03
Description	The SWAYAM-NPTEL course titled Operations Research, categorized under Mathematics at the undergraduate level, was conducted online for a duration of 8 weeks from July 22, 2024, to September 13, 2024. The course aimed to enhance students' analytical and problem-solving skills in mathematical modeling and optimization. The final examination was held on September 22, 2024, between 9:00 AM and 5:00 PM at Arasu Engineering College, Kumbakonam. A total of 27 participants registered for the course, of whom 1 was absent for the exam. Among the 26 who appeared, 10 failed, while 13 successfully completed the course, and 3 of them earned an Elite certificate. This course served as a significant academic opportunity for students to gain practical insights into operations research and its real-world applications through structured online lectures and assessments.

Photos	ARASU ENGINEERING COLLEGE 2C76+Q2v,Kumbakonam , Tamil Nadu 612105, India, 22 Sep 24, 09:20 am, Sunday

SELF DRIVEN ACTIVITY

Theme	Innovation and Design Thinking
Name of the Activity	Two-day Hands-on Training Program on MATLAB
Date of Activity	17 – 18 October, 2024
Venue	VIT University Vellore
Mode of Conduct	Offline
Level of Activity	Level - 3
Participants	Students: 42 Faculty: 04
Description	The Department of Mathematics, School of Advanced Sciences at VIT Vellore, successfully organized a two-day Hands-on Training Program on MATLAB on October 17–18, 2024. This program was specifically tailored for final-year undergraduate and postgraduate students from the Department of Mathematics, Auxilium College of Arts and Science for Women, Regunathapuram, Pudukkottai, Tamil Nadu. Its primary objective was to provide students with an in-depth understanding of the MATLAB environment. The program was made possible by the generous support of the Elsevier - Mathematics Science Sponsorship Fund (Elsevier - MSSF), whose contribution played a key role in the success of the event. A total of 42 students and 4 faculty members from Auxilium College attended, gaining valuable hands-on experience through expert-led sessions designed to make learning accessible and applicable. The resource persons adapted their teaching approach to meet the learning needs of our students, especially those from rural backgrounds, ensuring each concept was explained in a detailed and approachable manner. The training sessions were closely aligned with the students' academic syllabus, focusing on core topics relevant to their curriculum. This allowed participants to apply MATLAB's powerful tools and functions to solve numerical problems, significantly enhancing their computational skills.The

	collaboration between VIT and Auxilium College provided these students with skills and knowledge that will greatly benefit their academic and professional futures. The students were thrilled to visit VIT, fulfilling a long-held dream, and their enthusiastic feedback has inspired us to consider similar programs in the future.Special thanks to Dr. Sr. Santiagu Theresal for organizing and coordinating this event in collaboration with the Head and colleagues of the Department of Mathematics, VIT.
Photos	 

SWAYAM NPTEL EXAM RESULT

Course Type	SWAYAM NPTEL
Name of the Course	Engineering mathematics
Category	Mathematics
Level	Undergraduate
Duration	12 Weeks
Course Start and End date	July 22, 2024 to Oct 11, 2024
Exam Date	3rd Nov 2024
Mode of Conduct	Online
Time	9.00 AM to 12.00 PM (FN) and 2.00 PM to 5.00 PM (AN)
Venue	➢ Arasu Engineering College, Kumbakonam, ➢ Periyar university, Thanjavur.
Course Result	Registered : 19 Absent : 03 Fail : 14 Successfully Completed : 02
Description	The SWAYAM-NPTEL course titled Engineering Mathematics, categorized under Mathematics at the undergraduate level, was conducted online over duration of 12 weeks from July 22, 2024, to October 11, 2024. The course aimed to strengthen students' mathematical foundations through weekly lectures and assessments. The final examination was held on November 3, 2024, in two sessions, 9:00 AM to 12:00 PM (forenoon) and 2:00 PM to 5:00 PM (afternoon), at two designated venues: Arasu Engineering College, Kumbakonam, and Periyar University, Thanjavur. A total of 19 students registered for the course, of which 3 were absent for the final exam. Among the remaining 16, 14 students did not pass, and only 2 successfully completed the course. Despite the low pass percentage, the course offered valuable exposure to advanced mathematical concepts and emphasized the need for increased academic support to enhance future student outcomes in similar online learning programs.

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INTER COLLEGIATE COMPETITION – 2024

Name of The Activity	Inter College Meet " MATH STAR 24 "
Date of Activity	11.09.2024
Mode of Conduct	Offline
Time	9.30 am to 3.30 pm
Venue	Bon secours college- Thanjavur
Participants	Students: 11 Faculty : 01
Description	On 11.09.2024 department of mathematics went to Bon secours college- Thanjavur to participate in inter collegiate meet "MATH STAR 24". In that event they conducted four technical and three non- technical events. More than 250 students participated from 20 colleges. In our college 11 students participated from Department of Mathematics. Our college post graduate student Sr. Clarencia Mary won the first prize in MATH LOGO. All the Other students received their participation certificate.
Photos	

	BON SECOURS COLLEGE FOR WOMEN GPS Map Camera Thanjavur, Tamil Nadu, India Q524+X5, Thanjavur, Tamil Nadu 613006, India Lat 10.752088° Long 79.15431° 11/09/24 03:51 PM GMT +05:30 Google

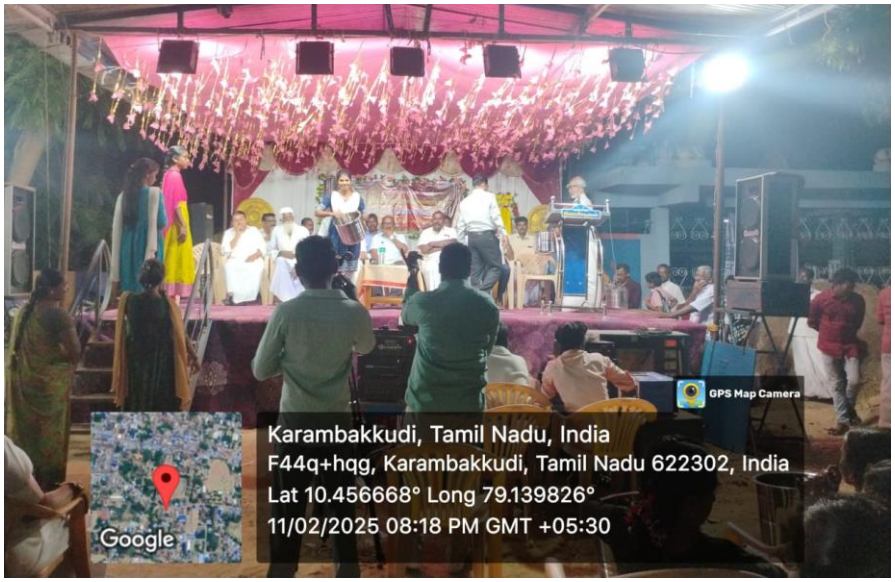
VIT MATH FEST 2024

Name of the Activity	VIT MATH FEST 2024, National Mathematics Day celebration
Date of Activity	8th January 2025
Mode of Conduct	Offline
Time	8.30 am to 5.00 pm
Venue	Technology Tower and Silver Jubilee Tower, VIT Vellore.
Participants	Students - 7
Description	The Department of Mathematics, Vellore Institute of Technology (VIT), Vellore, organized VIT Math Fest 2024 to commemorate National Mathematics Day, honoring the legacy of the renowned mathematician Srinivasa Ramanujan. The event was held on 8th January 2025 and featured a series of academic and competitive activities aimed at fostering mathematical excellence among students. Seven students from the Department of Mathematics at Auxilium College of Arts and Science for Women, Regunathapuram, actively participated in the Talent Examinations conducted at the undergraduate level. Their enthusiastic participation demonstrated their dedication to mathematics and their willingness to engage in intellectually stimulating activities beyond the classroom. All participating students were awarded certificates, recognizing their efforts and commitment to academic excellence. The event provided a valuable platform for students to showcase their skills, gain exposure to a competitive academic environment

Photos	GPS Map Camera Vellore, Tamil Nadu, India X5c7+9gx, Vellore, Tamil Nadu 632014, India 08/01/25 10:40 AM

COMMEMORATION OF VIJEYAREGUNATHA PALLAVARAYAR

Name of the Activity	Commemoration of Vijeyaregunatha Pallavarayar
Date of Activity	07.02.2025
Mode of Conduct	Offline
Time	11.30 am to 12.30 pm
Venue	Vijayaragunatha Pallavarayar Manimandapam, Karambakudi
Participants	Students :22
Description	The Auxilium College of Arts and Science for Women, in collaboration with the Department of Tamil, celebrated the 26th anniversary of Durai Vijayaragunatha Pallavarayar on February 7, 2025, with a series of Poetry and Elocution competitions. The event served as a platform for students to showcase their exceptional literary and oratory talents, making it a grand success. **Competitions Conducted:** ➢ Poetry Competition ➢ Elocution Competition A total of sixteen students actively participated in the competitions, demonstrating their creativity, eloquence, and passion. The winners were awarded prizes, sponsored by the organizing group, in recognition of their outstanding performances. The Department of Mathematics students excelled in the Elocution Competition, with: K. Deepika (I PG Mathematics) securing first place K. Divya (II UG Mathematics) securing third place The prize distribution ceremony was held during the common assembly, where Sr. Magnificat, Secretary of the College, graciously presented the awards to the winners. The event not only honored the legacy of Durai Vijayaragunatha Pallavarayar but also encouraged students to develop their literary and public speaking skills, fostering a spirit of intellectual and creative expression.

Photos	 GPS Map Camera Karambakkudi, Tamil Nadu, India F44q+hqg, Karambakkudi, Tamil Nadu 622302, India Lat 10.456668° Long 79.139826° 11/02/2025 08:18 PM GMT +05:30 Google

FACULTY ACHEIVEMENTS

Theme	Innovation & Design Thinking
Name of The Activity	Innovations Showcase: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support
Date of Activity	06 & 07 February, 2025
Mode of Conduct	Offline
Resource Person	Dr.A.Leema Rose
Participants (offline)	Faculty:04 Students:61
Description	The Auxilium Institution's Innovation Council, in collaboration with the Department of Computer Science, organized a two-day interactive and enlightening session titled "Innovations Showcase: Poster Presentation of Innovations/Prototypes & Linkage with Innovation Ambassadors/Experts for Mentorship Support" on February 6 and 7, 2025. The event aimed to foster creativity, entrepreneurship, and innovation among students by providing them with a platform to present their ideas and engage with experts for guidance and mentorship. Dr. A. Leema Rose, Assistant Professor, Department of Mathematics and the NIRF Coordinator, Auxilium Institution's Innovation Council, served as resource person. She emphasized the significance of innovation and its role in shaping the future of technology and entrepreneurship. **Day I: Understanding Innovations, Idea Generation, and Startups** On the first day, Dr. A. Leema Rose delivered an insightful lecture on the fundamentals of innovation, idea generation, and startup ecosystems. She elaborated on how innovative thinking can lead to groundbreaking solutions and the importance of fostering an entrepreneurial mindset among students. The session provided students with a deeper understanding of the process of transforming an idea into a viable product or service. **Day II: Poster Presentations and Student Engagement** The second day was dedicated to student participation, where they presented their innovative ideas through poster presentations. The students enthusiastically showcased their projects, demonstrating creative solutions to real-world problems. Additionally, they delivered speeches highlighting their thought processes, the inspiration behind their innovations, and the potential impact of their ideas on society.

	The poster presentation session created an immersive and engaging experience, promoting a culture of entrepreneurship and innovation within the institution. Students received constructive feedback from Innovation Ambassadors and Experts, which provided valuable insights for refining their ideas and advancing their projects. Many students actively engaged in discussions and expressed their keen interest in becoming active members of the innovation community. The event concluded with a Vote of Thanks proposed by Ms. D. Keerthi, Assistant Professor, Department of Computer Science. She expressed gratitude to the esteemed resource person Dr.A.Leema Rose, for her presence in successful completion of the activities. She also acknowledged the efforts of the organizing committee in ensuring the smooth execution of the session. The department feels proud to have a resource person with excellence and the passion to exhibit the exploration.
Brochure	

Photos	H46F+MVX, Regunathapuram, Tamil Nadu 622302, India, 07 Feb, 25, 02:31 pm, Friday AUXILIUM COLLEGE OF ARTS & SCIENCE POSTER PRESENTATION OF INNOVATION 6 & 7-02-2025 H46F+MVX, Regunathapuram, Tamil Nadu 622302, India, 08 Feb, 25, 11:21 am, Saturday

ACHEIVEMENTS

Theme	Innovation & Design Thinking
Name of The Activity	Organize an Inter/Intra Institutional Innovation Competition/Challenge/Hackathon and Reward the Best Innovations and deposition in the Institution's YUKTI Innovation Repository
Date of Activity	24 & 25 February, 2025
Mode of Conduct	Offline
Resource Person	Dr.A.Leema Rose
Participants	Faculty : 03 Students : 43
Description	On February 24 & 25, 2025, the Auxilium Institution's Innovation Council (AIIC), in collaboration with the Department of English, organized an Inter/Intra Institutional Innovation Competition. The event provided a dynamic platform for students to showcase their creativity and innovative ideas, fostering a culture of research, problem-solving, and entrepreneurship. ➢ The competition featured a series of engaging events, including: Innovation Pitch Presentations - Students presented groundbreaking ideas addressing real-world challenges. ➢ Creative Competitions - Various contests encouraged students to think outside the box and express their ingenuity. ➢ Idea Incubation Discussions - Interactive sessions helped refine and develop feasible innovation projects. The event began with a warm welcome by Ms. Suganya, Innovation Ambassador, AIIC, who emphasized the significance of innovation in today's fast-paced world. She encouraged students to push boundaries and develop transformative solutions. Participants from various departments presented their projects, demonstrating exceptional creativity, technical expertise, and critical thinking. Their ideas ranged from technology-

	driven solutions to sustainable and social innovations, reflecting their potential for future implementation. To recognize and encourage excellence in innovation, the best ideas were awarded certificates, celebrating the students' hard work and ingenuity. The award ceremony was graced by **Dr. A. Leema Rose**, Assistant Professor, Department of Mathematics and the NIRF Coordinator, Auxilium Institution's Innovation Council, who applauded the winners and urged all participants to continue innovating for technological and societal progress. The event concluded with a Vote of Thanks by Ms. S. Rabia Basari from the Department of English, who expressed gratitude to the chief guest, participants, and organizers for their invaluable contributions in making the event a grand success. The Innovation Competition served as an inspiring platform for students to explore new ideas, enhance their problem-solving abilities, and cultivate a spirit of innovation.
Brochure	

Photos	
	AUXILIUM COLLEGE OF ARTS & SCIENCE INTER / INTRA INSTITUTIONAL COMPETITION H46F+MVX, Regunathapuram, Tamil Nadu 622302, India, 25 Feb, 25, 10:25 AM, Tuesday AUXILIUM COLLEGE OF ARTS & INTER / INTRA INSTITUTIONAL INNOVATION COMPETITION 25.02.2025 H46F+MVX, Regunathapuram, Tamil Nadu 622302, India, 25 Feb, 25, 10:20 AM, Tuesday

AUXILIUM COLLEGE OF ARTS AND SCIENCE FOR WOMEN
(Affiliated to Bharathidasan University, Thiruchirappalli)
Regunathapuram (PO), Karambakudi (TK), Pudukkottai (DT) – 622302

SWAYAM NPTEL EXAM RESULT

Course Type	SWAYAM NPTEL
Name of the Course	Graph Theory
Category	Mathematics Foundations of Computing
Level	Undergraduate / Postgraduate
Duration	8 Weeks
Course Start and End date	Jan 20, 2025 to Mar 14, 2025
Exam Date	23rd March 2025
Mode of Conduct	Online
Time	9.00 AM to 12.00 PM (FN) and 2.00 PM to 5.00 PM (AN)
Venue	➢ Arasu Engineering College, Kumbakonam, ➢ KSK College of Engineering and Technology, Darasuram, Kumbakonam. ➢ MNSK College of Engineering, Pudukkottai
Course Result	Registered : 18 Absent : 02 Fail : 01 Successfully Completed : 04 Elite : 09 Elite + Silver : 01 Elite + Gold : 01

Description	The Department is pleased to report the successful participation of students in the SWAYAM–NPTEL course titled *Graph Theory*, categorized under Mathematics – Foundations of Computing, conducted at the undergraduate/postgraduate level. The 8-week online course ran from January 20 to March 14, 2025, with the final exam held on March 23, 2025, at designated centers including Arasu Engineering College (Kumbakonam), KSK College of Engineering and Technology (Darasuram, Kumbakonam), and MNSK College of Engineering (Pudukkottai). A total of 18 students registered for the course, of whom 2 were absent and 1 did not pass. Among the remaining, 4 successfully completed the course, 9 earned an Elite certificate, 1 secured Elite + Silver, and 1 achieved Elite + Gold. The course provided students with valuable insights into graph theory and its computational applications, contributing meaningfully to their academic and analytical development.
Photos	