

COIMBATORE INSTITUTE OF TECHNOLOGY
(An Autonomous Institution Affiliated to Anna University)

Coimbatore – 641014



DATALYTICS CLUB



ANNUAL REPORT 2024-2025

FEILD	DETAILS
Program Title	Logorithm
Date & Time	09-07-2024. 5:00 to 6:00 pm
MODE	Online
No. of participants	20
Short Report of the Programme	It explored the fusion of AI-assisted and traditional design, allowing participants to showcase their creativity through two distinct logos
<p>The "Logo-Rithm Contest" was the inaugural event for Datalytics, designed to explore the blend of AI-assisted and traditional design techniques. Participants were given the freedom to choose their own themes and were required to submit two distinct logos—one AI-generated and the other human-made—allowing them to experiment with both modern technology and their personal design skills.</p>	
Captions to Photographs	This event made the participants to think out-of-box for their ideas and made this event an astounding success.

FEILD	DETAILS
Program Title	Mystery Mosaic
Date & Time	10-07-2024, 5:00 to 6:00 pm
Venue	IT - 208
No. of participants	15
Short Report of the Programme	The event was a resounding success, offering participants a thrilling mix of strategy, teamwork, and problem-solving.

"**Mystery Mosaic**" was an engaging and strategic event organized to enhance teamwork, problem-solving, and critical thinking. The event was inaugurated by **secretaries (Dhivya and Gayathri)**, who welcomed the participants and explained the rules and objectives.

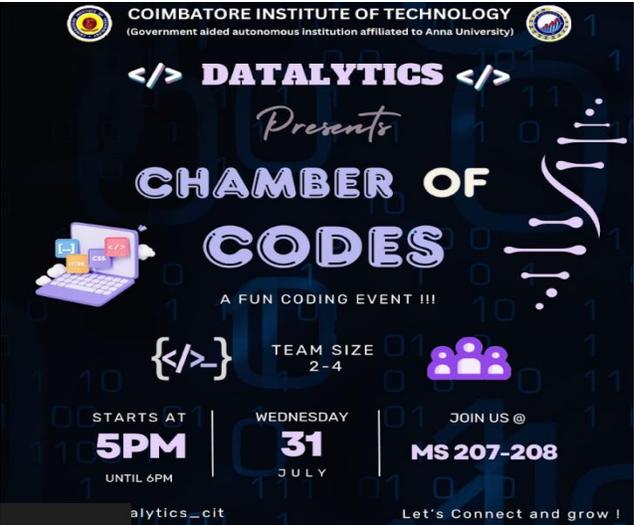
To add excitement, one member in each team was secretly assigned as an imposter, making the challenge more intriguing. The event then kicked off with a QR code-based treasure hunt, where teams navigated the campus, scanning hidden codes to unlock tasks. These tasks involved performing specific actions, posing for pictures, and solving challenges, requiring creativity, coordination, and quick thinking.

By the end of the hunt, points were awarded based on completed tasks and team involvement, with special recognition for teams with the most and least number of imposters. After the event, participants gathered for refreshments and group photos, while the final results were announced the next day.



Captions to Photographs

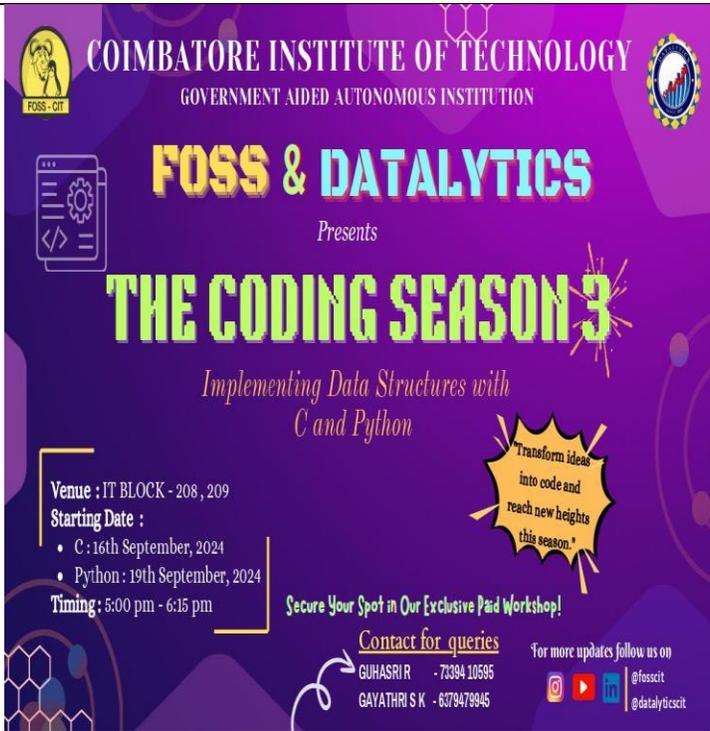
Throughout the event, teams actively completed challenges and submitted photo proofs to evaluators.

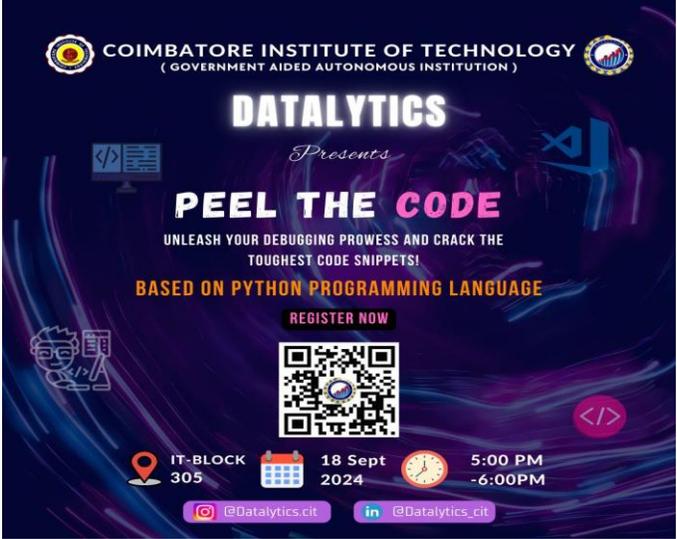
FEILD	DETAILS
Program Title	Chamber of Codes
Date & Time	31-07-2024, 5:00 to 6:00 pm
Venue	MS – 207, MS- 208
No. of participants	78
Short Report of the Programme	Chamber of codes is an event that is based on the world of Harry Potter and technical rounds
<p>"Chamber of Codes" was an exhilarating event organized to merge the world of coding with the magical universe of Harry Potter, aimed at enhancing problem-solving abilities and team collaboration. The event kicked off with a lively introduction, setting the stage for an hour of coding challenges mixed with light-hearted dares. Participants, grouped into teams of 2-4, faced a series of coding and aptitude questions, with humorous penalties for incorrect answers, making the event both competitive and entertaining.</p>	 

Captions to Photographs

The event not only challenged the participants coding skills but also encouraged teamwork and added an element of fun with the inclusion of dares.

FEILD	DETAILS
Program Title	SQL – Mastery
Date & Time	12,13,14 August 2024, 5:00 TO 6:00 PM
Venue	MS – 306
No. of participants	
Speakers	Vaishali Priyanka-MSC-DCS Kavin Kumar B
Short Report of the Programme	The SQL Mastery Workshop provided students with hands-on experience in database management and query optimization, enhancing their SQL skills for real-world applications.
<p>The SQL Mastery Workshop aimed to introduce students to SQL fundamentals, enhance query-building skills, and explore real-world applications of databases. It covered core and advanced SQL concepts like joins, subqueries, and optimization. It also emphasized hands-on learning through live coding, database exercises, and practical assignments. It offered participants to have an interactive Q&A sessions for real-time doubt clarification.</p> <p>The workshop saw high engagement, with students appreciating the structured learning and practical approach. Many participants reported improved SQL proficiency, boosting confidence in database management.</p>	
Captions to Photographs	The event successfully equipped students with essential SQL skills, laying a strong foundation for careers in data science.

FEILD	DETAILS
Program Title	Coding Season
Date & Time	1 st March to 28 th March 2024
Venue	IT-208 AND 209
No. of participants	150
Short Report of the Programme	he event successfully fostered a collaborative learning environment , equipping participants with real-world coding experience and setting the stage for future technical initiatives
<p>The Coding Season organized by the Datalytics Club was a successful initiative aimed at enhancing Python programming skills through workshops, coding challenges, and interactive sessions. The workshops covered both basic and advanced Python concepts, while weekly coding challenges reinforced learning through real-world problem-solving. Interactive Q&A sessions with industry experts and peer-to-peer coding activities encouraged collaboration and deeper engagement. Participants gained practical coding experience, improved problem-solving abilities, and enhanced teamwork skills. The event received positive feedback, with suggestions for including more advanced topics and extended coding challenges. Overall, Coding Season effectively fostered a collaborative and skill-building environment, setting the stage for future technical events. 📌</p>	
Captions to Photographs	Coding Season provided hands-on Python training through workshops.

FEILD	DETAILS
Program Title	Peel The Code
Date & Time	18 SEPTEMBER 2024
Venue	IT 305
No. of participants	28
Short Report of the Programme	Peel the code tests the python skills and it tests participant's debugging expertise problem solving abilities and creativity
<p>"Peel the Code" was an engaging and interactive event designed to enhance Python programming skills through two challenging rounds. The competition aimed to test participants' debugging expertise, problem-solving abilities, and creativity while fostering teamwork and collaboration.</p> <p>The event began with an enthusiastic welcome from the organizers, followed by team formation, where participants grouped into teams of 3-5 members. The competition featured two rounds. One was Debugging Challenge and the other was the Coding Challenge. As the event neared its conclusion, scores were tallied, and teams presented their coding solutions. The event wrapped up with a vote of thanks by Arun, leaving participants with a sense of accomplishment and excitement.</p>	 
Captions to Photographs	Participants left inspired and eager for more such innovative and interactive programming events.

FEILD	DETAILS
Program Title	Vibe and Verse
Date & Time	15-10-2024, 5:00 to 6:00pm
Venue	IT - 305
Short Report of the Programme	It was a thrilling cinema-themed event where participants tested their movie knowledge through rounds of song recognition, trailer identification, and iconic dialogue recall.
<p>"Vibe and Verse" was an exciting cinema-themed event designed to challenge and entertain movie enthusiasts through three engaging rounds.</p> <p>The first round was Connections – Teams identified songs based on still images from famous movies, testing their soundtrack knowledge.</p> <p>The second round was Trailer Findings – Participants watched untitled movie clips and had to recognize the films, requiring keen observation and plot familiarity.</p> <p>The third round was Dialogue Finding – Teams listened to iconic movie dialogues and identified the films, recalling memorable cinematic moments.</p>	 
Captions to Photographs	"Vibe and Verse" was a thrilling celebration of cinema , leaving participants with nostalgia, fun, and a deeper appreciation for movies.

Program Title	Power-Bi-illance
Date & Time	30-12-2024, 31-12-2024, 02-01-2025 5:00 to 6:00 pm
Venue	IT – 209
No. of participants	50
Speakers	Harish MSC-DCS 4 TH YEAR MITHRA MSC-DCS 4 TH YEAR
Short Report of the Programme	The Power BI workshop provided hands-on training in data modeling, DAX functions, and interactive visualizations , equipping participants with essential data analysis skills

The **Power BI workshop** was a three-day learning experience that covered data importing, transformation, modeling, and visualization. Day 1 introduced participants to Power BI fundamentals, including data importing, relationships, and advantages over Excel. Day 2, led by Harish, focused on DAX (Data Analysis Expressions), teaching functions like SUM, IF, CONCATENATE, and the difference between Calculated Columns and Measures through hands-on exercises. Day 3 explored visualization tools, teaching attendees to create interactive dashboards with charts, slicers, and filters, along with best practices for dashboard design. Speakers **Harish and Mitra** from **MSc DCS** delivered **engaging sessions**, simplifying complex concepts and providing valuable insights. By the end, participants were well-equipped to analyze and present data effectively.

Captions to Photographs

Led **by** Harish and Mitra, the three-day workshop helped attendees master Power BI fundamentals, advanced calculations.

FEILD	DETAILS
Programme Title	ML MASTERCLASS
Date & Time	6,7 and 8 th January 2025, 5:00PM to 6:00PM
Venue	IT – 209
No. of participants	42
Speakers	Ruban Msc-DCS 3 RD YEAR Saran Msc-DCS 3 RD YEAR Kavin Kumar Msc-DS 3 rd YEAR Bharath Msc -DS 3 RD YEAR
Short Report of the Programme	The ML master class gave a brief insight about machine learning and analytics
<p>The ML MasterClass was a free workshop designed to provide participants with an immersive learning experience over four days. The speakers brought expertise and enthusiasm, simplifying complex topics and fostering an engaging environment for learners. By the end of the workshop, attendees had developed a strong foundation in machine learning concepts, algorithms, and real-world applications.</p>	
Captions to Photographs	The event gave insights about ml basics to advanced and provided guidance for future enhancements and career oppurtunities in this field.

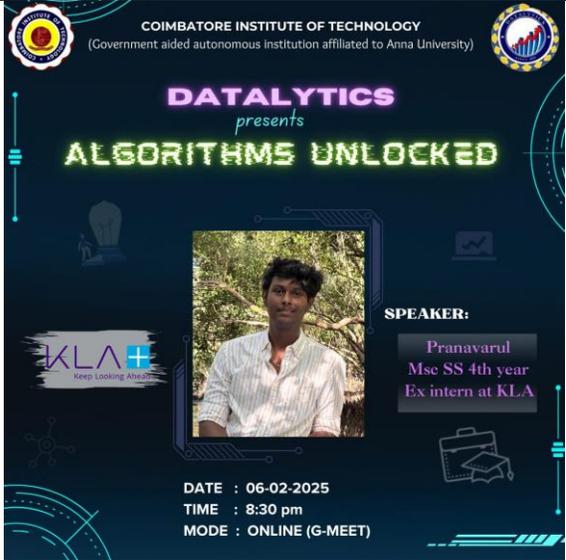
FEILD	DETAILS
Programme Title	BrainByte Wars
Date & Time	10-02-2025 , 5:00PM to 6:00PM
Venue	IT – 209
Short Report of the Programme	It was an intense competitive event that required high levels of strategies and technical knowledge.

The BrainByte Wars contest was an exciting and intellectually stimulating event that tested participants' knowledge, strategy, and quick thinking. Organized as a team-based competition, it featured a unique card-based question system, encouraging teamwork and strategic game play. Participants formed teams and engaged in a battle of wits, answering easy, medium, and hard questions, each carrying different point values. The strategic aspect of the game allowed teams to challenge opponents and tactically manage their cards to maximize their scores. The competition saw intense rounds of questioning, with teams showcasing their problem-solving skills and competitive spirit. In the end, the team with the highest points was declared the winner, demonstrating exceptional knowledge and strategic thinking. The contest concluded on a high note, with winners receiving exciting prizes

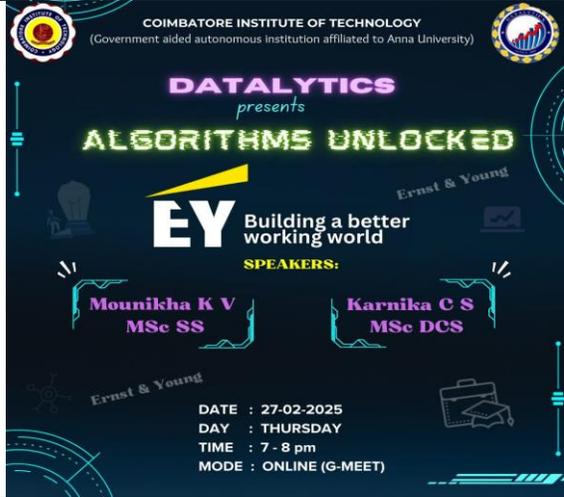


Captions to Photographs	The event successfully fostered critical thinking, teamwork, and enthusiasm, leaving participants eager for future editions of BrainByte Wars .

FEILD	DETAILS
Programme Title	INQUEST-THE KEY PURSUIT -SQL EDITION
Date & Time	11-MARCH-2025-
Venue	IT – 209
No. of participants	28
<p>Short Report of the Programme</p> <p>"INQUEST: The Key Pursuit - SQL Edition" proved to be an engaging and intellectually stimulating contest that pushed participants to apply their SQL skills in a competitive environment. The event successfully combined problem-solving and strategic thinking, leaving participants with valuable learning experiences</p>	 
Captions to Photographs	The event successfully combined problem-solving and strategic thinking, leaving participants with valuable learning experiences

FEILD	DETAILS
Programme Title	ALGORITHMS UNLOCKED
Date & Time-Company	06-02-2025-KLA MEN
MODE	ONLINE
SPEAKERS	Pranavarul (Ex-Intern, MSc SS)
Short Report of the Programme	
<p>The "Algorithms Unlocked – KLA Edition" session provided students with a comprehensive understanding of algorithmic applications in the semiconductor industry and insights into the recruitment process at KLA.</p> <p>With valuable guidance on interview preparation, skill development, and industry expectations, this session helped students gain a competitive edge in securing internships and job opportunities in the tech sector.</p>	 <p>COIMBATORE INSTITUTE OF TECHNOLOGY (Government aided autonomous Institution affiliated to Anna University)</p> <p>DATALYTICS <i>presents</i> ALGORITHMS UNLOCKED</p> <p>SPEAKER: Pranavarul Msc SS 4th year Ex intern at KLA</p> <p>DATE : 06-02-2025 TIME : 8:30 pm MODE : ONLINE (G-MEET)</p>

FEILD	DETAILS
Programme Title	ALGORITHMS UNLOCKED
Date & Time-Company	20-02-2025-SURVEYSPARROW
MODE	ONLINE
SPEAKERS	Agni Prasanth (MSc AIML) Sankar Karthikeyan (MSc DS)
Short Report of the Programme	
<p>Overview of SurveySparrow, Technical Skills for AI/ML roles, Interview Process, Resume Building, Coding Tips, Career Growth Opportunities were discussed and explained by the interns of the company</p>	

FEILD	DETAILS
Programme Title	ALGORITHMS UNLOCKED
Date & Time-Company	20-02-2025-EY
MODE	ONLINE
SPEAKERS	Mounikha K V (MSc SS) Karnika C S (MSc DCS)
Short Report of the Programme	
<p>EY Hiring Process, Roles in Data Analytics & Cybersecurity, Case Study Round, Resume Optimization, HR Interview Strategies were discussed by speakers .Doubtts regarding work environment company's ideologies were also discussed</p>	

FEILD	DETAILS
Programme Title	ALGORITHMS UNLOCKED
Date & Time-Company	10-03-2025-NGP WEBSMART
MODE	ONLINE
SPEAKERS	HARISH KUMAR N-DCS DANUSRI ESWARAN -SS
Short Report of the Programme	
<p>The "Algorithms Unlocked" session was organized as part of an initiative to guide students in securing internships at NGP Web Smart. Former interns, now experienced in the company's workflow, shared their insights on algorithms and technical skills essential for aspiring interns.</p>	