



THE AMERICAN COLLEGE MADURAI



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DEPARTMENT OF DATA SCIENCE(UG)



DATA VIBES NEWS LETTER

VOLUME - VI

2025 - 2026

MESSAGE FROM THE PRINCIPAL & SECRETARY



Dr. J. Paul Jayakar
Principal & Secretary
The American College
Madurai.

Data Science is an inherently interdisciplinary field that draws from mathematics, statistics, artificial intelligence, and computer science. Its growing significance across industries has led to the creation of a dynamic ecosystem comprising specialised academic programmes, professional certifications, and diverse career opportunities.

At the heart of academic and professional success lies the ability to think critically and creatively. Creativity fuels thought; thought leads to knowledge; and knowledge, in turn, empowers individuals to achieve greatness. I urge our students to cultivate this mindset—make thinking your greatest strength, especially when facing life’s uncertainties. I wish all Data Science students the very best in pursuing their goals and dreams. The days ahead hold immense promise for your academic and professional journeys.

The Department of Data Science was established in response to evolving industry needs and is grounded in innovation, academic rigour, and a forward-looking vision. The enthusiasm and active engagement of our students reflect the department’s growing relevance and impact.

I commend the Data Science Club and the Department for the successful release of Volume 6 of DATA VIBES, the official departmental newsletter. This publication captures a rich array of departmental activities, academic and co-curricular achievements of our students, as well as the scholarly contributions of our faculty members.

The 2025–2026 edition of DATA VIBES highlights the department’s ongoing commitment to enhancing the cognitive, intellectual, and professional development of its undergraduate students. The newsletter serves as a valuable documentation of the department’s progress and vision.

Congratulations to the entire editorial team for presenting this sixth volume with creativity and thoughtful design. Your dedication and innovation are truly appreciated.

May God bless you all.

HOD'S DESK



Dr. A. John Sanjeev Kumar

Head of the Department

Department of Data Science (UG)

The American College, Madurai.

It gives me great pleasure to present this edition of our department newsletter for the Academic Year 2025–2026. This newsletter reflects the vibrant academic environment, achievements, and activities of the Department of Data Science.

Data Science continues to play a transformative role in shaping the future by enabling data-driven decision-making and innovation. Our department is committed to equipping students with strong analytical abilities, technical expertise, and problem-solving skills required to excel in this dynamic field.

I am delighted to witness the enthusiasm, creativity, and dedication displayed by our students and faculty members. Their contributions to academic, co-curricular, and extracurricular activities have significantly enriched our department and strengthened our learning community.

This newsletter serves as a platform to showcase the accomplishments, events, workshops, seminars, and innovative initiatives undertaken throughout the year.

I sincerely appreciate the efforts of the editorial team and everyone who contributed to making this publication a success.

I encourage all students to continue exploring new ideas, embracing challenges, and striving for excellence in their academic and professional pursuits. Wishing everyone continued success and a bright future ahead.

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DATA BRIGADE ASSOCIATION ACTIVITIES 2025 – 2026

Event 1:

Date	:	12-08-2025
Time	:	11.00 A.M – 11.30 A.M
Venue	:	Seminar Hall, Eva M. Swift Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Association Inauguration

Activity Description:

The Data Brigade was inaugurated on August 12, 2025, by Dr. S. Sivagurunathan, Department of Computer Science & Applications, Gandhigram University. Dr. S. Sivagurunathan delivered an insightful address on the importance of data science in the modern digital era, highlighting its growing applications, emerging trends, and significant impact across various sectors. His speech encouraged students to explore innovative opportunities and develop data-driven solutions to real-world challenges.



Event 2:

Date	:	12-08-2025
Time	:	11.30 A.M – 12.30 P.M
Venue	:	Seminar Hall, Eva M. Swift Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Trends and Techniques in AI

Activity Description:

On 12th August 2025, the Department of Data Science organized a One Day Seminar on “Trends and Techniques in AI.” The lecture was open to the II year and III year Data Science students, and nearly 120 students participated in the session. The session commenced at 11:30 a.m. with a warm welcome address by Mrs. A. Punitha Rosline, Event Organizer. This was followed by the introduction of the resource person by Dr. A. John Sanjeev Kumar, Head of the Department.



The Resource Person for this seminar was Dr. S. Sivagurunathan, Associate Professor, Department of Computer Science and Applications, The Gandhigram Rural Institute (Deemed to be University), Dindigul. The resource person delivered the lecture with a well-prepared PowerPoint presentation, explaining the content in a clear and simple manner. The major highlights of the seminar included recent advancements in Artificial Intelligence, Machine Learning techniques, Natural Language Processing, real-world applications of AI, and the ethical challenges of AI.



The seminar was highly interactive. The resource person clarified the doubts of students and encouraged them to explore research in AI. At the end of the session, students gained knowledge in terms of current AI trends, machine learning algorithms, practical use cases, and the difference between AI and ML.

The participants thoroughly enjoyed the seminar and appreciated the enthusiasm and expertise of the resource person, who carried the session with great energy and clarity. During the seminar, attendees also shared their opinions, thoughts, and suggestions, making it more engaging. The session was very informative and useful for all the participants.

Event 3:

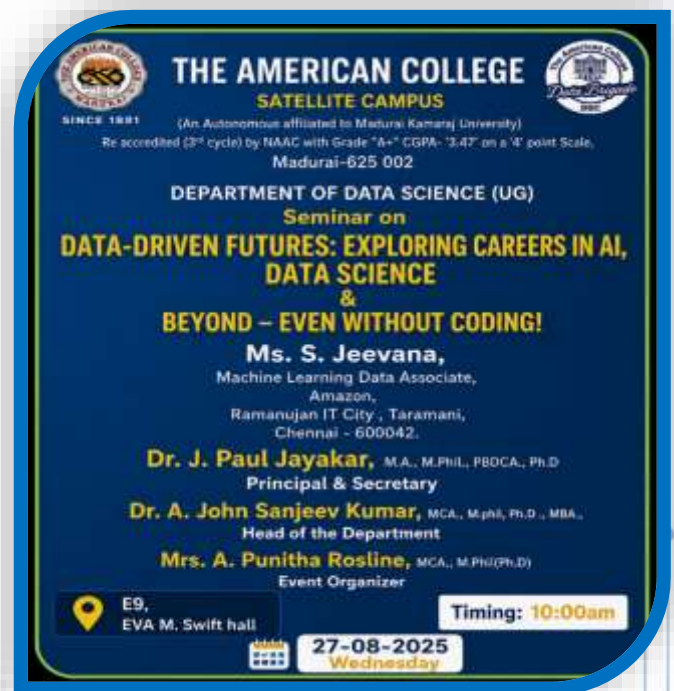
Date	:	27-08-2025
Time	:	11.00 A.M – 11.30 P.M
Venue	:	Seminar Hall, Eva M. Swift Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Seminar

Activity Description:

Data Brigade Association organized a seminar on “Data-Driven Futures: Exploring Careers in AI, Data Science & Beyond – Even Without Coding!” on 27-08- 2025. The session was delivered by Ms. S. Jeevana, Machine Learning Data Associate, Amazon, Chennai, who shared valuable insights into the growing impact of Artificial Intelligence and Data Science across industries.



opportunities in the data-driven digital world.



She highlighted various career opportunities in Machine Learning, Business Analytics, Data Visualization, AI Ethics, and Project Management. She emphasized that careers in AI and Data Science are not limited to coding and introduced various non-coding and low-coding opportunities. Through real-world examples, students learned about industry trends, essential skills, certifications, internships, and career prospects. The interactive session motivated students to explore emerging

Event 4:

Date	:	29-08-2025
Time	:	12.00 Noon – 1.30 P.M
Venue	:	Eva M.Shift Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Seminar on “Research Methodology in Data Mining”

Activity Description:

Data Brigade association organized a special session for the 3rd year Data Science students on the topic “Research Methodology in Data Mining.” The session was scheduled on 29-08- 2025 from 12:00 noon to 1:30 PM. The resource person for the session was Ms. M. Kavitha, Assistant Professor, Department of Computer Science, Thiagarajar College, Madurai. The session introduced students to the fundamentals of research methodology and its applications in data mining.



The speaker explained various research approaches, techniques, and the importance of systematic research practices. Students gained insights into how data mining can be used to solve real-world problems. The interactive session encouraged active participation and addressed students' queries with practical examples. Overall, the session enhanced students' understanding of research processes and their role in data science.

Event 5:

Date	:	13-09-2025
Time	:	11.00 A.M – 1.00 P.M
Venue	:	Seminar Hall, Eva M. Swift Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Workshop

Activity Description:

The Data Brigade Association organized a one-day workshop on “Implementation and Evaluation of AI and Machine Learning Algorithms” on 13 September 2025. The resource person, Mr. A. M. Sasikumar, Senior Software Trainer and Developer, Phoenix Softech, Madurai, delivered an informative session on Artificial Intelligence and Machine Learning. He explained various Python libraries used in Machine Learning and provided hands-on training in implementing ML algorithms using Python.



The workshop enhanced students' practical of understanding Machine Learning concepts and algorithm implementation. A total of 39 students participated and benefited from the session.

Event 6:

Date	:	14-09-2025
Time	:	11.30 A.M – 12.30 P.M
Venue	:	Data Science Lab, Class Room
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Quiz, Connection, Puzzles, and Word Formation

Activity Description:

The Data Brigade Association organized a series of engaging club activities for students of all three years of the Department of Data Science. The activities included Quiz, Connection, Puzzles, and Word Formation competitions.

These Events were conducted with the objective of enhancing students analytical thinking, problem-solving abilities, communication skills, and teamwork. Students actively participated with great enthusiasm and displayed their creativity and intellectual abilities.



The Quiz competition tested participants' general knowledge and subject expertise. The Connection activity encouraged logical reasoning and critical thinking. Puzzle-solving sessions helped students improve their analytical and decision-making skills.

The Word Formation activity enhanced vocabulary and language proficiency among the participants.



The competitions provided an interactive learning environment beyond the classroom. Students gained valuable experience through healthy competition and collaborative learning.

The activities were successfully coordinated by the Data Brigade Association with active student

participation. Overall, the event was informative, enjoyable, and contributed significantly to the holistic development of the students.

Event 7:

Date	:	24-08-2025
Time	:	Leisure Hours
Venue	:	Data Science Lab, Class Room
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Data Speak Club

Activity Description:

The English Speak Club was organized by the 3rd Year Data Science students (Batch 2023) during the leisure hours. The primary objective of the club is to provide a platform for students to enhance their communication skills, interview attending abilities, and participation in various English-based academic and professional programs.



Through this initiative, students are given regular opportunities to practice spoken English in an interactive and supportive environment. The activities conducted in the club sessions include group discussions, mock interviews, debates, presentations, and vocabulary-building exercises.

This club has become a valuable platform for students to gain confidence in expressing themselves, improve fluency, and prepare for future career opportunities. The

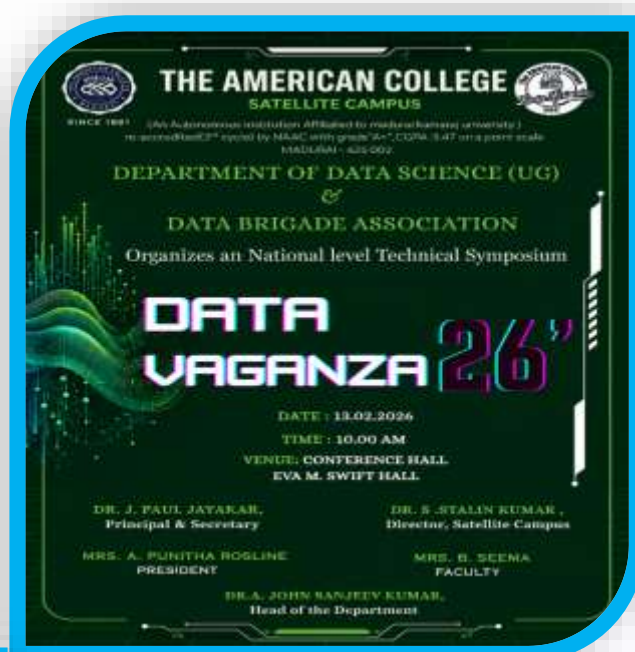
efforts of the 3rd Year Data Science students (Batch 2022) in establishing and running this club are commendable, as it contributes significantly to the holistic development of their peers.

Event 8:

Date	:	13-02-2026
Time	:	10.00 A.M onwards
Venue	:	Conference Hall, Eva M. Swift Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Students from various Colleges
Title/Topic of the Activity	:	Data Vaganza 2026 – National Level Technical Symposium

Activity Description:

The Data Brigade Association successfully organized Data Vaganza 2026, a National Level Technical Symposium, on 13 February 2026. The event aimed to foster technical knowledge, creativity, innovation, and analytical thinking among students.



The symposium featured exciting technical events such as *The Neural Narrative*, *Trace & Transform*, and *Vision Vault*, along with non-technical events including *Fusion Fiesta*, *Heuristic Hunt*, and *The Golden Ratio*. Students from various colleges actively participated and showcased their talents, problem-solving abilities, and teamwork skills.

The event provided an excellent platform for knowledge sharing, networking, and skill enhancement. Winners were honored with trophies and certificates for their outstanding performances.

The symposium was organized under the guidance of Mrs. A. Punitha Rosline, Faculty In-Charge, with the support of the organizing committee and student volunteers.



Overall, Data Vaganza 2026 was a grand success, promoting innovation, collaboration, and holistic student development.

Event 9:

Date	:	24-03-2026
Time	:	10.00 A.M onwards
Venue	:	Conference Hall, Eva M. Swift Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Students from various Departments
Title/Topic of the Activity	:	Data Beatz

Activity Description:

The Department of Data Science (UG) and Data Brigade Association organized DATA BEATZ 2026, an intra-college meet, on 24 March 2026 at Eva M. Swift Hall. The event aimed to encourage students to showcase their talents, skills, and creativity through a variety of competitions.

The program began with a prayer song by the II DSC students, followed by a welcome address by Aaditya of III DSC.



Competitions such as Puzzle Pro, Chill and Chew, Shorts and Sharp, Quest for Goal, and Draw Your Dream witnessed enthusiastic participation from 98 students representing 12 departments.



Mrs. B. Seema presented the event report, highlighting the success of the competitions and student involvement. Winners were awarded first and second prizes, and the Overall Championship Trophy was presented to the department that secured the highest points. Dr. A. John Sanjeev Kumar, Head of the Department, distributed the prizes and appreciated the efforts of the participants and organizers.

Event 10:

Date	:	25-03-2026
Time	:	10.00 A.M onwards
Venue	:	Conference Hall, Eva M. Swift Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Intra – Department Day

Activity Description:

The Department of Data Science (UG) and Data Brigade Association of The American College, Satellite Campus, Madurai, successfully organized Intra-Department Day 2026 on 25 March 2026 at the Conference Hall, Eva M. Swift Hall. The event was conducted with the objective of encouraging students to exhibit their creativity, communication skills, teamwork, and innovative thinking through a variety of engaging activities.



The program witnessed enthusiastic participation from Data Science students, who actively took part in the competitions and showcased their talents. The event created a vibrant and energetic atmosphere, promoting interaction and healthy competition among students.



Several exciting events were organized as part of the celebration, including Connection, Think Different, Reels Making, and Fireless Cooking. The Connection event tested participants' analytical and reasoning abilities, while Think Different encouraged innovative and out-of-the-box thinking. Reels Making provided a platform for students to express their creativity through digital media, and Fireless Cooking highlighted culinary skills, teamwork, and presentation abilities.



Faculty members appreciated the enthusiasm and active involvement of the students throughout the event. The program served as an excellent opportunity for participants to develop confidence, strengthen interpersonal skills, and foster a spirit of collaboration.

The Intra-Department Day 2026 concluded successfully with the distribution of prizes and certificates to the winners. The event was a memorable occasion that strengthened the bond among students and contributed to the overall

development of their academic and extracurricular talents.

Event 11:

Date	:	25-03-2026
Time	:	10.00 A.M onwards
Venue	:	Conference Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Data Science Day

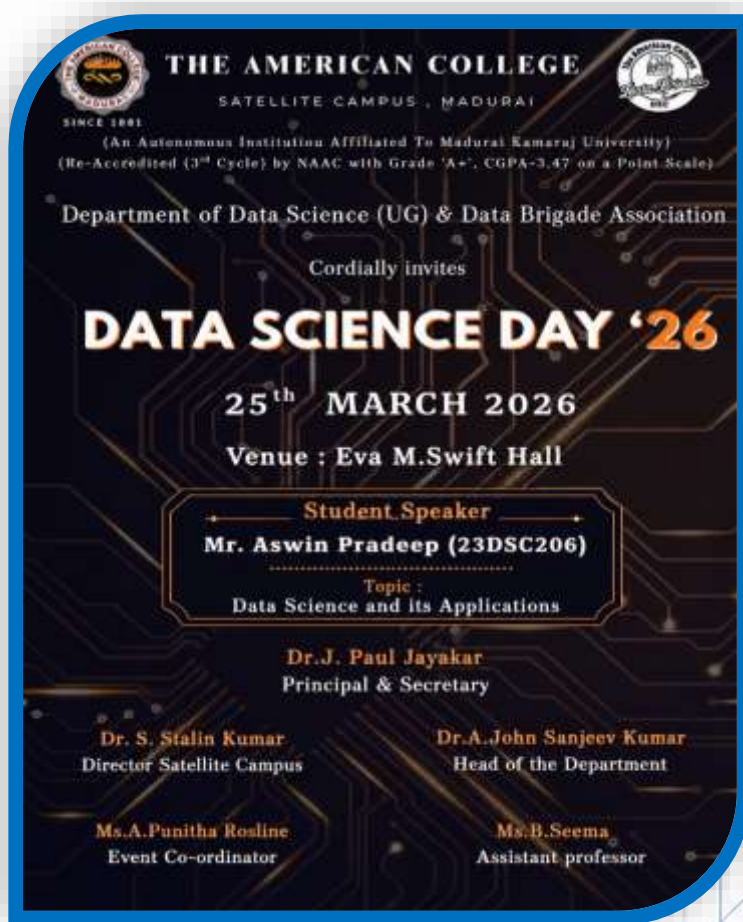
Activity Description:

The Department of Data Science (UG) and Data Brigade Association of The American College, Satellite Campus, Madurai, celebrated Data Science Day 2026 on 25 March 2026 at Eva M. Swift Hall. The event was organized with the objective of creating awareness about the significance of Data Science and its growing impact across various industries.

As part of the program, Aswin Pradeep (23DSC206) delivered an informative presentation on Data Science and its Applications. The session provided students with a comprehensive overview of the field,

covering key concepts, emerging trends, and real-world applications of Data Science in domains such as healthcare, finance, business analytics, artificial intelligence, and cybersecurity.

The presentation highlighted how data-driven decision-making is transforming organizations and emphasized the importance of analytical skills, machine learning, and data visualization in solving complex problems. Students gained valuable insights into career opportunities available in the field and the skills required to become successful data professionals





The session was highly interactive, with students actively participating and engaging in discussions. The program enhanced their understanding of Data Science and inspired them to explore innovative applications of data-driven technologies.

The event concluded successfully with positive feedback from the participants. Data Science Day 2026 served as an excellent platform for knowledge sharing and encouraged students to develop a deeper interest in the rapidly evolving field of Data Science.

Event 12:

Date	:	30-03-2026
Time	:	10.00 A.M onwards
Venue	:	Eva M.Shift Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Gender Equity Program

Activity Description:

The Department of Data Science organized a “Gender Equity Program” on 30th March 2026 at Eva M. Swift Hall. The event commenced with a prayer song, creating a pleasant and positive atmosphere among the participants.

The gathering was warmly welcomed by the organizing team and faculty members.



The session was then handed over to the resource person, A. Alex, Assistant Professor, Department of History, The American College. He delivered an insightful talk on the importance of gender equity in educational institutions and society.

He emphasized equal opportunities, mutual respect, inclusiveness, and the role of young people in promoting gender-sensitive environments.

The resource person shared valuable perspectives on gender equality, social responsibility, and the significance of creating an equitable society. The interactive discussion enabled students to clarify their doubts and exchange ideas on contemporary gender concerns.



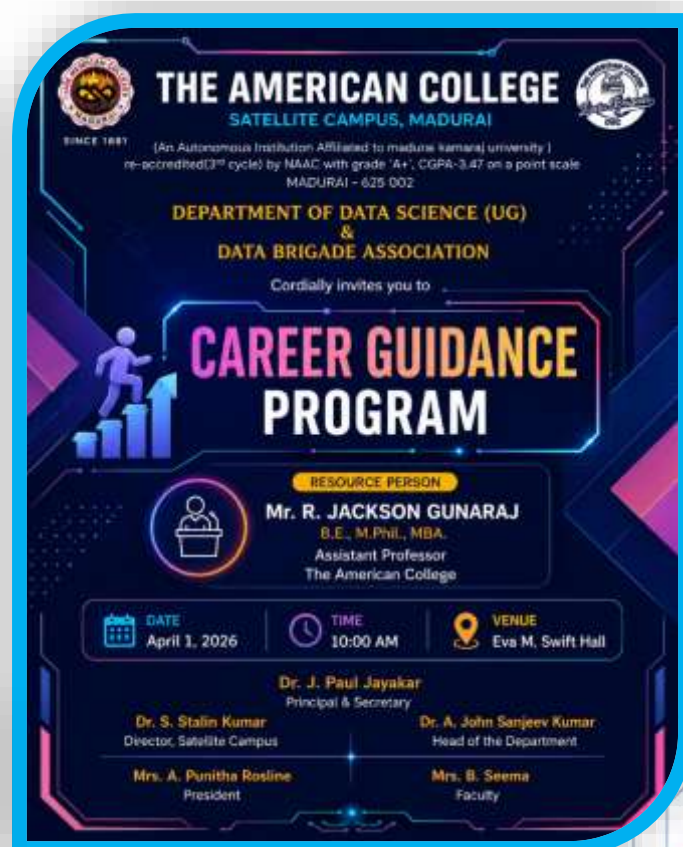
The students actively participated in the program and gained awareness about gender equity, equality, and social inclusion. The session concluded successfully with a vote of thanks, expressing gratitude to the resource person, faculty members, and students for their valuable participation and support.

Event 13:

Date	:	01-04-2026
Time	:	10.00 A.M onwards
Venue	:	Conference Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Career Guidance Program

Activity Description:

The Department of Data Science (UG) and Data Brigade Association of The American College, Satellite Campus, Madurai, organized a Career Guidance Program on 1 April 2026 at Eva M. Swift Hall. The program was conducted with the objective of guiding students in making informed career choices and preparing them for future professional opportunities.



The resource person for the program was Mr. R. Jackson GunaRaj, B.E., M.Phil., MBA., Assistant Professor, The American College. He delivered an insightful session on career planning, higher education opportunities, skill development, and the importance of continuous learning in today's competitive job market.

During the session, students were introduced to various career paths available after graduation, including opportunities in the fields of Data Science, Information Technology, Analytics, Research, Entrepreneurship, and Higher Studies.



The resource person emphasized the significance of technical skills, communication skills, leadership qualities, and professional ethics in achieving career success.

The program also highlighted the importance of internships, certifications, industry exposure, and

networking in enhancing employability. Students actively participated in the interactive session and clarified their doubts regarding career prospects and professional growth.

The Career Guidance Program proved to be highly beneficial, providing students with valuable insights into career development and future opportunities. The event concluded successfully with positive feedback from the participants, who gained greater clarity and confidence in planning their careers.

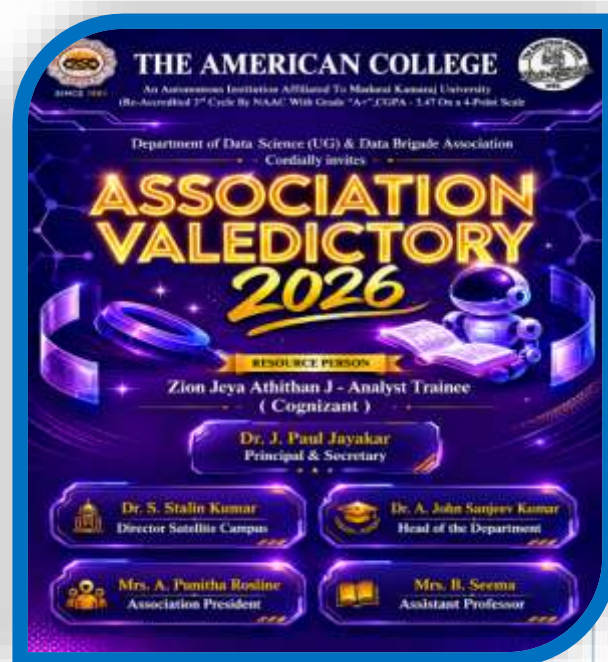
Event 14:

Date	:	06-04-2026
Time	:	10.00 A.M onwards
Venue	:	Conference Hall
Name of the Organizers	:	Data Brigade Association
Participants	:	Data Science Students
Title/Topic of the Activity	:	Association Valedictory

Activity Description

Data Brigade Association organized Association Valedictory 2026 with the objective of guiding final-year students in their career preparation and helping them understand the expectations of the industry.

The programme commenced with a warm welcome to the gathering. The event featured Mr. Zion Jeya Athithan J., Analyst Trainee, Cognizant, as the Resource Person.



He shared valuable insights on career opportunities in the field of Data Science and Analytics and emphasized the importance of continuous learning and skill enhancement. During the session, the resource person discussed effective strategies for cracking job interviews, including preparation techniques, confidence-building measures, and communication skills required during recruitment processes.

He explained the common types of questions asked in technical and HR interviews and provided practical tips on answering them effectively.

The session also focused on resume preparation, highlighting the importance of creating a professional and industry-oriented resume. Students were guided on how to showcase their academic projects, internships, certifications, technical skills, and achievements in a structured manner to attract recruiters.

Further, the resource person elaborated on the various career opportunities available in Data Science, Data Analytics, Machine Learning, and Artificial Intelligence. He explained the skills and competencies expected from aspiring Data Scientists and Data Analysts and discussed the current industry trends.

Students were encouraged to engage in continuous self-development by learning programming

languages such as Python, SQL, and R, strengthening their knowledge in statistics and machine learning, participating in online certification courses, building portfolios through real-world projects, and improving problem-solving and communication skills.

The interactive session enabled students to clarify their doubts regarding placements, higher studies, certifications, and career growth. The programme proved to be

highly informative and beneficial, motivating students to prepare themselves effectively for future career opportunities in the field of Data Science and Analytics.



FACULTY ACHIEVEMENTS

1) Details of Ph.D awarded faculty list

- i. Ms. M. Kavitha Awarded Ph.D. from Bharathiyar University, Coimbatore under the guidance of Dr. A. John Sanjeev Kumar on 1st September, 2025.

2) Details of research papers published in Peer reviewed Journals

- i. Mrs. B. Seema. Analyzing Customer Sentiments in E-Commerce Reviews Using Machine Learning Models. European Economic Letters (EEL), Vol 15, Issue 3, 3473-3484- 2025.

3) Details of faculty involvement in FDP

- i. Dr. A. John Sanjeev Kumar, One week FDP on Outcome Based Education and Application of Generative AI in Teaching and Research, From 19th Nov to 26th November 2025.
- ii. Dr. A. John Sanjeev Kumar, Six Day Online International FDP on “AI – Enabled Teaching Strategies: Transforming Pedagogy in Higher Education” from 18-05-2026 to 23-05-2026.
- iii. Mrs. A. Punitha Rosline, One-week FDP on “Advanced Teaching and Learning Skills in the Digital Era” organized by E&ICT Academy IIT Guwahati from 17th November to 21st November 2025.
- iv. Mrs. A. Punitha Rosline, Six-Day FDP on “Leveraging AI for Smarter Classrooms” organized by Thiagarajar College of Engineering, Madurai from 19th January to 24th January 2026.
- v. Mrs. A. Punitha Rosline and Mrs. B. Seema participated in Faculty orientation programme organized by IQAC, The American College, Madurai, on 2nd August 2025.
- vi. Mrs. B. Seema, A Five-Day FDP on “Artificial Intelligence: Global Trends, Technologies & Ethical Transformation” organized by Rajapalayam Rajus’ College, from 15th September to 19th September 2025.
- vii. Mrs. B. Seema, One week National Level FDP on “Recent Trends in Artificial Intelligence – Digital Era”, organized by SRM Institute of Science and Technology, Chennai from 6th October to 11th October 2025.
- viii. Mrs. B. Seema, Five-Day FDP on “Handling Students with Addiction and Substance Use” organized by The American College, Madurai, from 20-01-2026 to 24-01-2026.
- ix. Mrs. B. Seema, One week National-Level FDP on “Generative AI & Agentic AI: Tools, Use Cases & Live Demos” conducted by Sardar Vallabhai National Institute of Technology, Surat, from 16th February to 21st February 2026.

4)Details of faculty presented papers in Conferences

- i. Dr.A.John Sanjeev Kumar presented a paper “ Engagement Driven Attendance Validation System using AI Models” at the International Multi Disciplinary Conference 2026.
- ii.Dr.A.John Sanjeev Kumar presented a paper “ Student Depression Classification Using A Hybrid ML Model” at the International Multi Disciplinary Conference 2026.
- iii.Dr.A.John Sanjeev Kumar presented a paper “ Data Analysis on Port ship Trafficking – A case study of Chennai Port “ in the International Conference on Advances and Innovations in General Science, Engineering and Computing (AISEC - 2026) held on 23-01-2026.
- iv.Ms.A.Punitha Rosline presented a Paper “Securing the cloud : A Survey of Methods for preventing and Detecting Cloud Attacks” at the 5th International Conference on Artificial Intelligence and Communication System.

5)Details of Board of Studies

- i.Dr. A. John Sanjeev Kumar was appointed as a Member of the Board of Studies in Data Science (UG)at The Standard Fireworks Rajaratnam College for Women, Sivakasi, for a period of three years, from 13.05.2024 to 12.05.2027.
- ii.Dr. A. John Sanjeev Kumar was appointed as a Member of the Board of Studies in Data Science(PG) at ANJA College, Sivakasi, for a period of three years, from 22.01.2026 to 21.01.2029.
- iii.Dr. A. John Sanjeev Kumar was appointed as a Member of the Board of Studies in Data Science(UG) at EMG Yadava Women’s College, Madurai, for a period of three years, from 14.12.2023 to 13.12.2026.

6)Other Achievements

- i.Dr. A. John Sanjeev Kumar acted as a Chair Person for Poster Presentation at the International Multi Disciplinary Conference 2026, The American College, Madurai.
- ii.Dr. A. John Sanjeev Kumar authored Chapter 12, titled "Supremacy of Machine Learning in Analyzing Educational Data Using Descriptive Statistics," published in the book Case Studies of Deep Learning and Machine Learning (2025), pages 139–154.
- iii.Dr. A. John Sanjeev Kumar was appointed as an External Expert member of the Research Advisery Committee for seven Ph.D scholars in Kalasalingam University, KrishnanKoil.
- iv.Dr. A. John Sanjeev Kumar served as an Internal Jury member for the Hackathon 2026 held in January 2026.

STUDENTS ACHIEVEMENTS

- ✓Two Students Cadet Captain S. Pandeewari (23DSC230), Leading Cadet J.S. Jesse Linda (23DSC217) participated in CATC Camp at Idaiyappatti during Jun 2025.
- ✓K. Hariharan (23DSC213) completed Internship Training in Python with ML on Jun 29, 2025.
- ✓V.Nithish (24DSC217) won I prize in Badminton in A – Zone Tournament (Men) at Madurai Kamaraj University during Aug, 2025.
- ✓Thirty students from II and III-year have successfully completed the "MongoDB Basics for Students" certification course on August 13, 2025, enhancing their knowledge of NoSQL databases, data management, and MongoDB fundamentals.
- ✓Six Students participated 15 days Employability Training Programme conducted by ICT and HP at The American College, Madurai - G. Aaditya (23DSC201), G.Narayana Guru (23DSC228), K. Permatha Srilakshmi (23DSC231), A. Vasanth (23DSC249), S.R. Vishaka (23DSC253), S. Harini (23DSC257) from Sep 15, 2025 to Sep 30, 2025.
- ✓A total of 32 Data Science students participated in the One-Day National Seminar on “Innovations in Computational Intelligence,” organized by the PG and Research Centre of Computer Science and the Department of Computer Science and Applications, Urumu Dhanalakshmi College, Kattur, Tiruchirappalli, on September 13, 2025.
The seminar provided valuable insights into emerging trends and innovations in computational intelligence, enhancing the students’ academic knowledge and research interests.

✓M. Swetha (23DSC246) won I prize in Flame less cooking in Tarang 25 at Shree Saraswati Thyagaraja College on Sep 19, 2025.

✓K.Viswanathan (23DSC254) won I prize in Flameless cooking in Tarang 25 at Shree Saraswati Thyagaraja College Sep 19, 2025.

✓Seven Students won I st prize in Mime in Tarang 25 at Shree Saraswati Thyagaraja College on Sep 19, 2025.

✓Aswin Pradeep (23DSC206) won III prize in codexcape in Sizzlers 2k25 at Fatima college on Sep 22, 2025.

✓R. Kanagha Lakshmi (23DSC218) won II prize in Turn Coat in InterfACE 2k25 at The Ganhigram Rural Institute on Oct 9, 2025.

✓K. Viswanathan (23DSC254), M. Swetha (23DSC246) won I prize in Fireless Cooking in Inter department Meet organized by Computer Science (AI) Department at The American College on Jan 21, 2026.

✓G. Aaditya (23DSC201), P. Aswin Pradeep (23DSC206) won I prize in Adzap in Inter department Meet organized by Computer Science (AI) Department at The American College on Jan 21, 2026.

✓P. Tino Angelin (25DSC227), K. Yuvasri (25DSC229) won II prize in Face Painting in Inter department Meet organized by Computer Science (AI) Department at The American College on Jan 21, 2026.

✓Eight Students completed One-Day Workshop on UI/UX Figma at Tandem Informatics - S. Jai Sreeman (23DSC215), K. Kishore (23DSC221), R. Aakash (23DSC202), K. Thamil Selvam (23DSC248), A. Yoga Avanthika (23DSC255), B.V. Kavitha (24DSC215), K. Abinaya (24DSC202), S. Divya (24DSC234) on Dec 6, 2025.

✓A.R. Akshitha Lakshmi (24DSC204) completed Internship on “Cyber Security” at Phoenix Softech on Dec 12, 2015.

✓A total of 21 Students participated and won overall Runner in Manovista at The American College on Jan 21, 2026.

✓S.R. Vishaka (23DSC253) won II prize in Quantum Spark in Manovista at The American College on Jan 21, 2026.

✓Aswin Pradeep (23DSC206) won II prize in Quantum Spark in Manovista at The American College on Jan 21, 2026.

✓S. Harini (23DSC256) won I prize in Corporate Clash in Manovista at The American College on Jan 21, 2026.

✓S. Pandeewari (23DSC230) won I prize in Corporate Clash in Manovista at The American College on Jan 21, 2026.

✓G. Aaditya (23DSC201) won I prize in Crack the Sheet in Manovista at The American College on Jan 21, 2026.

✓G. Narayana Guru (23DSC228) won I prize in Crack the Sheet in Manovista at The American College on Jan 21, 2026.

✓S.R. Vishaka (23DSC253) and Aswin Pradeep (23DSC206)won the Second Prize in the Quiz Competition conducted as part of the Intra-Department Event of the BBA Department, The American College, Madurai.

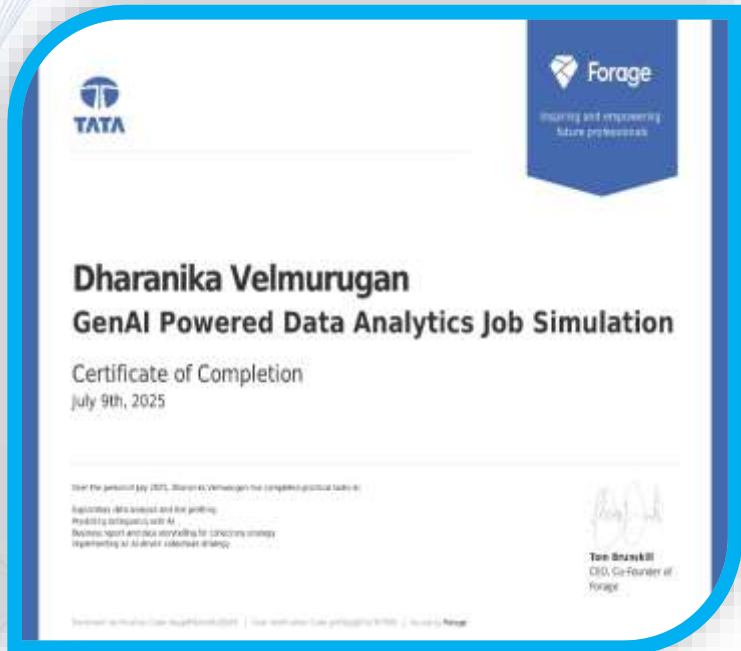
✓ The Department of Data Science proudly congratulates G. Narayana Guru (23DSC228), Aswin Pradeep (23DSC206), K. Raghavendra Raja (23DSC233), and K. Sanjay (23DSC237) for securing the First Prize in the Hackathon event conducted as part of NEXFUSE 2K26 at Thiagarajar College, Madurai. Their outstanding performance, innovative thinking, and teamwork brought laurels to the department and showcased the students' technical excellence and problem-solving skills.

✓III Year Data Science students won the Overall Winner Trophy in the Intra-Department Event organized by the BBA Department, The American College, Madurai.

✓Four second-year Data Science students participated in the Poster Presentation at the International Multidisciplinary Conference 2026 held at The American College, Madurai.

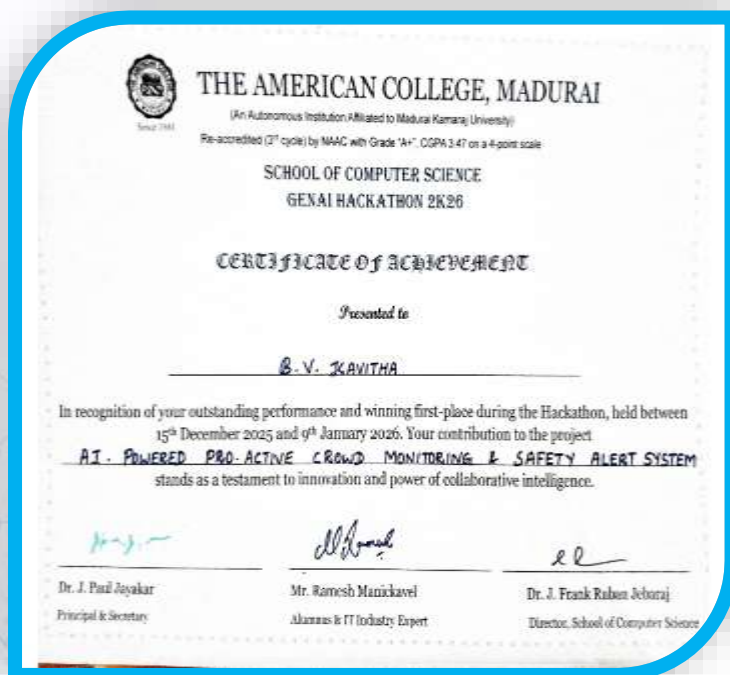
✓Five Third-year Data Science students presented papers at the International Multidisciplinary Conference 2026 held at The American College, Madurai.

CERTIFICATIONS



AWARDS

- ✓ Four students from the Department of Data Science secured the First Prize in the Gen AI Hackathon conducted at The American College on February 17, 2026. The winning team comprised K. Sri Ramachandran (24DSC226), C. Sahaya Sthudhi Jenifer (24DSC208), B. V. Kavitha (24DSC215), and P. Ravishankar (24DSC220). Their innovative solution, technical expertise, and teamwork enabled them to emerge as the winners of the competition, bringing laurels to the department.





SPORTS

DSC STUDENTS PARTICIPATED IN VARIOUS SPORTS ACTIVITIES

LIKE KABADI, CRIKET, VOLLEYBALL, THROWBALL.

VOLLEY BALL TEAM



CRICKET TEAM



PART V ACTIVITIES



NCC NAVAL UNIT MADURAI



BSC-DATA SCIENCE 2023 BATCH



DATA BRIGADE OFFICE BEARERS



DEPARTMENT ACTIVITIES

BRIDGE COURSE 2025



The Department of Data Science organized a 10-day Bridge Course for first-year students with the objective of helping them smoothly transition into their undergraduate studies and develop the foundational skills required for the Data Science program.

The course was designed to familiarize students with essential computing concepts

and provide them with a strong academic foundation. Various sessions were conducted on Basic Computer Skills, enabling students to gain practical knowledge of computer operations and digital tools. Training on Office Automation introduced students to applications such as word processing, spreadsheets, and presentations, which are essential for academic and professional activities.



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01/07/25 11:54 AM GMT +05:30

Students were also introduced to Data Science Fundamentals, where they learned about the scope, applications, and career opportunities in the field of Data Science. In addition, sessions on Programming in C provided hands-on experience in coding, problem-solving, and algorithmic thinking, helping students build a strong programming foundation.

The Bridge Course was highly beneficial in enhancing the confidence and technical skills of the students. The interactive sessions, practical exercises, and faculty guidance enabled participants to gain a better understanding of their academic curriculum and prepare themselves for future learning. The program concluded successfully with active participation and positive feedback from the students.

INDUSTRIAL VISIT – RIPPLE TEA FACTORY

The Department of Data Science (UG) organized an Industrial Visit to Ripple Tea Factory, Munnar, on 20 March 2026 for the III B.Sc. Data Science students. A total of 50 students participated in the visit under the guidance of Dr. A. John Sanjeev Kumar, Head of the Department, and Mrs. A. Punitha Rosline, Assistant Professor.



The primary objective of the industrial visit was to provide students with practical exposure to industrial operations and to help them understand how data analysis and technology are applied in real-world environments. During the visit, students gained insights into the various stages involved in tea production, including leaf collection, processing, quality control, packaging, and distribution.

The factory officials explained the operational workflow and demonstrated how production data is collected, monitored, and utilized to improve efficiency and maintain product quality. Students were introduced to concepts related to data collection, process monitoring, inventory management, and decision-making, enabling them to understand the relevance of data analytics in industrial settings.



The visit provided an excellent opportunity for students to bridge the gap between theoretical knowledge and practical applications. It enhanced their understanding of industrial processes and highlighted the growing importance of data-driven decision-making in manufacturing and production industries.

The industrial visit was highly informative and beneficial, offering valuable learning experiences and industry exposure to the students. The participants expressed their appreciation for the opportunity to observe real-time industrial operations and their connection to the field of Data Science.

PTA MEETING

The Parent-Teacher Meeting for the Even and Odd Semester students of the Department of Data Science was conducted successfully with the objective of strengthening the relationship between parents, students, and faculty members. A large number of students attended the meeting along with their parents and interacted with the faculty members.



During the meeting, faculty members discussed the academic performance, attendance, discipline, and overall progress of the students. Parents were informed about the curriculum, departmental activities, placement training programs, and opportunities available for skill development.

The faculty also highlighted the importance of regular attendance, active participation in academic activities, and continuous learning for achieving academic excellence.

Parents were encouraged to share their feedback, suggestions, and concerns regarding their wards' academic growth and well-being.

The meeting concluded on a positive note with parents appreciating the efforts of the department in providing quality education and guidance. The event strengthened the collaboration between the institution and parents, contributing to the holistic development and success of the students.

PLACEMENT ACHIEVEMENTS

The Department of Data Science (UG) is committed to preparing students for successful careers by providing quality education, technical training, industry interaction, and career guidance. Through continuous skill development programs, aptitude training, coding practice sessions, workshops, mock interviews, and resume-building activities, students are equipped with the knowledge and confidence required to meet industry expectations.

The department is pleased to share that several students have secured placement opportunities in reputed companies across various domains, including Data Science, Software Development, Business Analytics, and Information Technology. These achievements reflect the dedication of our students, the support of the faculty, and the department's commitment to academic excellence and employability.



GALLERY

FRESHERS DAY



ONAM CELEBRATION



TEACHERS DAY CELEBRATION



PONGAL CELEBRATION



STUDENTS IN CHRISTMAS CAROL SERVICE AT SATELLITE CAMPUS



ALUMNI MEET



INTRA COLLEGE HACKATHON 2025 – 2026 FINAL PRESENTATION



INTRA COLLEGE HACKATHON 2025 - 2026 WINNERS TEAM



THIYAGARAJAR COLLEGE HACKATHON WINNERS TEAM



CANDLE LIGHT CEREMONY



News Letter 2025 - 2026



**Department of Data Science
The American College
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