

Activities 2025-26

National Science Day 2026

Bhavan's Vivekananda College, in association with the IEEE Nanotechnology Council, celebrated National Science Day 2026 under the theme "Women in Science: Catalysing Viksit Bharat." The program began with the lighting of the lamp and Bhavan's prayer.

Principal Dr. G.S.V.R.K. Choudary emphasized the importance of applying science in daily life and appreciated the efforts of women teachers and scientists in advancing scientific knowledge. Dr. Thirumal, Assistant Professor of Physics at VNRVJIET and Chair of the IEEE Nanotechnology Council, Hyderabad, highlighted the need for scientific thinking to build future technologies. Dr. Chandra Shekar, Technical Director at Ramoji Film City and Project Management Consultant at 7S Technologies, shared insights from his 50-year journey in research and stressed the parallel growth of science and technology. Dr. P. Pavan Kumar, Assistant Professor of Physics at VNRVJIET and Best Inspiring Teacher Awardee (2024), spoke on science-driven engineering and the future importance of quantum computing.

Various academic competitions, including project presentations, poster presentations, quizzes, PPT competitions, and technical knowledge-sharing sessions, were conducted by the Faculties of Life Sciences and Physical Sciences. Around 600 students actively participated in the celebrations, making the event a grand success and reinforcing scientific temper and innovation among students.

The speakers were felicitated, and the prize winners of various events were presented with mementos during the valedictory function.



Statistics Project Presentations – National Science Day 2026

The Department of Mathematics and Statistics, Bhavan's Vivekananda College, organized Statistics Project Presentations as part of the National Science Day 2026 celebrations to promote scientific thinking and the application of statistics to real-world problems. A total of 48 B.Sc. (Honours) Data Science students (27 boys and 21 girls) participated. The projects integrated statistical concepts with Machine Learning and Deep Learning, covering areas such as predictive analytics, classification, regression, and data-driven decision-making. Students demonstrated their ability to identify research problems, analyze data, apply suitable models, and interpret results using modern analytical tools. Presentations were evaluated based on content quality, methodology, analytical depth, clarity, and presentation skills. Based on overall performance, Ms. Daliparthy Rukminee Devi (B.Sc. HDS III Year) won First Prize, and Mr. Moka Balaji (B.Sc. HDS III Year) secured Second Prize. The event successfully encouraged research-oriented learning, analytical thinking, and effective communication skills, making it a meaningful part of the National Science Day 2026 celebrations.



Mathematics Behind India's Scientific Growth – Role of Women Scientists

The Department of Mathematics and Statistics organized a PPT presentation on 27th February 2026 as part of the National Science Day celebrations on the theme “Mathematics Behind India's Scientific Growth – Role of Women Scientists.” The event aimed to create awareness about the importance of Mathematics and Statistics in scientific research and national development.

A total of 18 teams comprising 33 students participated in the presentation, including 28 girls and 5 boys. The participants presented informative and well-structured slides on topics such as the role of Mathematics in India's space missions, Contributions of eminent Indian women scientists and the importance of women's participation in STEM fields. The students demonstrated excellent analytical skills, creativity, and confidence in their presentations.

The presentations were evaluated by Dr. Ramana Sir, who appreciated the enthusiasm and preparation of the participants and encouraged them to continue exploring Mathematics and Science with dedication.



Statistics Project Presentations – National Science Day 2026

The Department of Mathematics and Statistics of Bhavan's Vivekananda College of Science, Humanities and Commerce organized Statistics Project Presentations as part of National Science Day 2026 celebrations.

A total of 40 students of B.Sc (MSCs) participated in the event, including 18 boys and 22 girls. Students presented statistical projects demonstrating applications of data analysis, interpretation, and real-life problem solving using statistical methods. The presentations were evaluated based on content, methodology, clarity, and presentation skills.



“Talk on career guidance in Mathematics”

The Department of Mathematics and Statistics, in association with T.I.M.E. Institute, organized a Talk on Career Guidance in Mathematics on 23 December 2025 from 3:00 PM to 4:00 PM at the IT Block, I Floor, Room No. 33C. The session was delivered by Mr. K. V. Raman, Assistant General Manager – Academics, T.I.M.E. Institute, who served as the Resource Person for the programme. The programme was attended by 59 undergraduate students comprising 37 boys and 22 girls from B.Sc. Mathematics streams (MPCs, MECs, MSCs) – I, II, and III years.

The objective of the programme was to create awareness among students about the wide range of career opportunities available in Mathematics and to guide them in making informed career decisions. The speaker emphasized the importance of career orientation, focusing on the interconnection between interest, ability, education, and growth opportunities as key factors in career planning.



Mathematics Day programme

The Mathematics Day programme was successfully organized by the Department of Mathematics on 22 December 2025 at the MBA Block – 208 Seminar Hall, commencing at 2:30 PM. The event was conducted to commemorate the birth anniversary of the legendary mathematician Srinivasa Ramanujan and to foster interest and appreciation for mathematics among students.

The event was convened by the Head of the Department, Dr. G. S. Mini, and coordinated by Mrs. Santi Rohit Rao and Mrs. Vijaya Lakshmi. Their effective planning and coordination ensured the smooth and successful conduct of the programme. The programme commenced with an introductory session on the life and contributions of Srinivasa Ramanujan, highlighting his extraordinary mathematical brilliance and lasting impact on the field of mathematics.



“Discoveries in Mathematics” – Presentation Event

The “Discoveries in Mathematics” Presentation Event organized by Department of Mathematics and Statistics, was held on 19 December 2025 from 3:00 p.m. to 4:30 p.m. at Room No. 33C, IT Block, 1st Floor. The event aimed to promote conceptual understanding of important mathematical discoveries among students. A total of 19 teams registered, and 12 teams participated, with 22 students (17 girls and 5 boys) from various programs. Each team consisted of two students and presented one mathematical discovery, explaining the problem behind it, the need for the concept, its discovery, and applications. The presentation time was 3–5 minutes, and PPTs were used for explanation. The event was judged by Ms. B. Niraimathi, Assistant Professor and AQSC Coordinator, Department of Physics and Electronics. Based on performance, two students were awarded First Prize and one student received Second Prize. The event was informative and engaging, enhancing students’ analytical thinking and presentation skills.



M-Day

The Department of Mathematics & Statistics organized Project M-Day – “The Moment Where Math Becomes Adrenaline” on 19th December 2025 at the Biochemistry Block. The event witnessed enthusiastic participation from students across various programs and promoted an engaging, story based mathematical experience.

Project M-Day was designed as a quiz style academic event that combined logical reasoning, problem solving, and teamwork. The format encouraged students to approach mathematical concepts creatively while maintaining a competitive and energetic atmosphere throughout the session.

The event comprised multiple interactive rounds, each crafted to test analytical thinking, conceptual clarity, and quick decision making. Participants actively collaborated within their teams, demonstrating strong coordination and strategic thinking. Each round highlighted students’ logical aptitude and mathematical reasoning skills, creating an intellectually stimulating environment. The event was conducted smoothly under the guidance and supervision of the faculty members of the Department of Mathematics & Statistics, whose support played a key role in the successful execution of the program.

The event concluded with the announcement of the Winners and Runners-up, who were applauded for their exceptional performance and teamwork. Overall, Project M-Day proved to be a successful and enriching academic initiative that blended learning with excitement and fostered a spirit of healthy competition among students.



Value-Added Course on Quantitative Aptitude

The Department of Mathematics and Statistics organized a Value-Added Course on “Quantitative Aptitude” from 10th to 16th November 2025 in association with T.I.M.E. (Triumphant Institute of Management Education Pvt. Ltd.). The objective of the course was to enhance student’s analytical and problem-solving skills, which are essential for competitive examinations and campus placements. The sessions were designed to strengthen numerical ability through practice-oriented learning. A total of 48 students, 23 Girls and 25 Boys, from various streams of II year participated in the course. The sessions were handled by experienced faculty from T.I.M.E., covering key topics such as: Ratio and Proportion, Percentage and Average, Profit & Loss, Time, Speed and Distance, Simple and Compound Interest.

Each day’s session was interactive, with ample opportunities for students to clarify doubts and solve practice problems and formative assessment was conducted. The students actively participated and expressed that the course greatly helped them in improving their aptitude and time management skills.

The course concluded on 16th November 2025 with a feedback session, where students appreciated the department for organizing such a valuable and career-oriented program.



Quanta Quiz

The Department of Mathematics & Statistics organized Quanta Quiz - "Where Numbers Meet Wit" on 22nd September 2025 at the ITBlock. The event, conducted exclusively for B.Sc. courses, witnessed enthusiastic participation from students across all sections. Each round highlighted participants' analytical skills, logical reasoning, and knowledge of statistics, while creating an engaging and competitive atmosphere. The event was conducted under the guidance of the faculty coordinators, Dr.G.S. Mini, Head of the Department of Mathematics & Statistics, and Dr.Peddi Rajini, Assistant Professor, Department of Mathematics & Statistics. Their support and encouragement played a vital role in the successful execution of the program.



PROGRESSION IN INDIAN ANCIENT TEXTS

On 22nd September 2025, The Department of Mathematics and Statistics in collaboration with IQAC organized a guest lecture on “Progression in Indian Ancient Texts”, as a part of sustainable development goal 4 which is promoting Indian Knowledge systems. The lecture was delivered by Mrs. Nagasri Saradamba Mam who has contributed largely to the study of Sanskrit language and their cultural significance.

The lecture began with the introduction of mathematics and richness of India’s ancient knowledge systems, such as Vedas, and classical epics- Mahabharata. Ma’am has highlighted on how these texts not only reflect spiritual and philosophical thoughts but also provide insights into mathematics, science, innovation, technology and many more.

Calculations, formulas, and mathematics in geometry and arithmetic progressions were further covered in the session. These topics were written in the Vedas in Sanskrit as shlokas. For instance she taught us a sloka on Arithmetic progression, which is attributed to the great mathematician Aryabhata.



Student Presentations on Indian Knowledge System (IKS)

The Student Presentations on Indian Knowledge System (IKS) was an academic event organized by the Department of Mathematics & Statistics on 20th September 2025, from 9:50 a.m. to 11:50 a.m., in Classroom 34, IT Block, as part of the department's annual curriculum. The activity aimed to enhance students' understanding of ancient Indian contributions to mathematics and statistics while promoting the integration of Indian Knowledge Systems (IKS) into modern education in alignment with UN SDG 4: Quality Education and NEP 2020. The session was coordinated by Dr. G. S. Mini (HoD), Dr. N. Chandan Babu (Assistant Professor), and T. Sravani (Lecturer), and involved around 100 first-year B.Sc. MSCs students. The process included orientation, topic selection (covering figures like C.R. Rao, P.C. Mahalanobis, and P.V. Sukhatme), preparation, presentations, and report submission. Resource materials included articles on IKS, PowerPoint slides, posters, and online research tools, while instruments such as projectors, laptops, and internet access supported the activity. Proper discipline, hygiene, and faculty supervision were maintained throughout. The event was promoted through class announcements, department notice boards, and WhatsApp groups, with potential coverage on the college website or newsletter. Expected outcomes included improved student awareness of India's academic heritage, integration of traditional knowledge with contemporary learning, and reinforcement of the institution's commitment to sustainable education goals.



Outreach Programme

An outreach programme was conducted on 12th September 2025 at ZPHS Bogaram by BSG, IQAC, and the Department of Mathematics and Statistics, Bhavan's Vivekananda College. The event aligned with the Sustainable Development Goals (SDG 4: Quality Education) and aimed to empower students through career guidance and digital literacy awareness under the theme "Teach for a Day."

Career Guidance Session: Students were introduced to various academic and professional career paths. The session focused on goal setting, higher education opportunities, and skill development.

Digital Literacy Awareness: Interactive sessions were held on basic digital skills, safe internet practices, and the importance of technology in education and daily life.

Student Engagement: School students actively participated in Q&A sessions and received inputs from college students and faculty.

Outcome of the Programme: The initiative benefitted over 100 students at ZPHS Bogaram. It helped create awareness about future career opportunities and the role of digital literacy in modern education. It also encouraged college students to engage in meaningful community service and mentoring.



Outreach Programme

On 12th September 2025, the BSG and IQAC in collaboration with the Mathematics and statistics departments conducted an outreach programme at Zilla Parishad High School (ZPHS), Bogaram. The session focused on raising awareness about personal hygiene, nutrition, and the importance of low-cost, healthy meals, in line with SDG Goals 2 (Zero Hunger) and 3 (Good Health and Well-being).

Key Activities of programme:- Awareness talk on hygiene and balanced nutrition, Live demonstration of nutritious, affordable meals, Interactive quiz and student engagement, Distribution of healthy snacks to participants.

The programme benefited over 100 school students, promoting sustainable health practices and instilling awareness about hygiene and nutrition. It also strengthened the spirit of community service among college students.



Online Quiz on Differentiation and Integration

The Department of Mathematics and Statistics conducted an online quiz on "Differentiation and Integration" for first-year B.Sc. students on 14th July 2025 as part of its academic enrichment activities for the academic year 2025–2026. The quiz, conducted through Google Forms, saw the enthusiastic participation of 192 students (101 girls and 91 boys) across various streams including B.Sc. MSCS 1A & 1B, MPCS, MECS, and HDS. The primary objective was to strengthen foundational understanding in differential and integral methods while promoting active engagement with mathematical concepts. The department plans to continue such initiatives to support continuous learning and academic excellence.



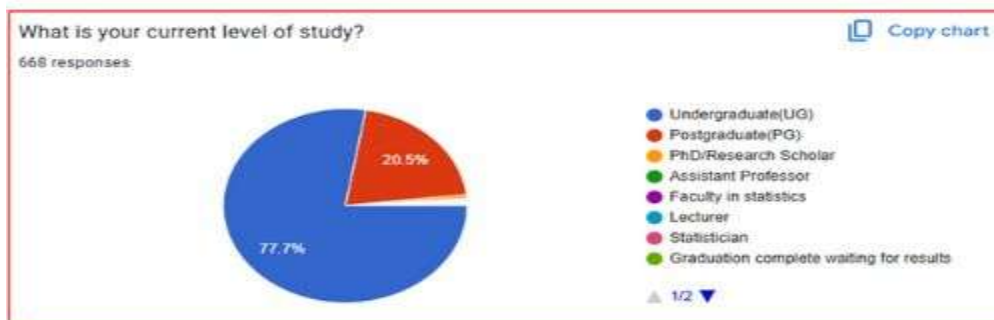
Guest Lecture on “Current Trends and Careers in Statistics and Data Science”

The Department of Mathematics and Statistics organized a guest lecture on “Current Trends and Careers in Statistics and Data Science” on 30 June 2025. The speaker was Prof. R. Vishnuvardhan from Pondicherry University, a well-known expert in statistics. He explained how data science is becoming more important in today’s world and talked about how statistics is used in areas like artificial intelligence, health, finance, e-commerce, climate studies, and social sciences. He also spoke about the latest trends such as machine learning, big data, and cloud computing, and stressed the need for students to learn both statistics and computer skills. Prof. Vishnuvardhan guided students on different career paths like data analyst, statistician, researcher, and roles in government and industry. He encouraged them to take up internships, online courses, and projects to improve their skills. After the talk, students asked questions and got helpful advice. The event was organized by Dr. G.S. Mini and Dr. Peddi Rajini and was appreciated by both students and teachers for being informative and motivating.



National Statistics Day 2025: Online Statistics Quiz

The Department of Mathematics and Statistics of Bhavan's Vivekananda College of Science, Humanities and Commerce, Hyderabad, organized National Statistics Day 2025: Online Statistics Quiz from 25th to 29th June 2025 to commemorate the birth anniversary of Prof. P.C. Mahalanobis, the pioneer of modern statistics in India. This initiative aimed to raise awareness of the significance of statistics in everyday life and various professional domains, with a focus on enhancing statistical literacy among students and encouraging them to explore its wide applications in decision-making, research, business, economics, and data science. Designed to be both educational and engaging, the quiz fostered analytical thinking and data interpretation skills among young learners. A total of 670 students (Male: 207, Female: 463) from across India participated, including representation from Telangana (657), Andhra Pradesh (1), Karnataka (10), and Odisha (1), reflecting the event's national reach and growing interest in the field of statistics. The event was efficiently coordinated by student volunteers D. Rukminee and D. Rajeswari (both BSc HDS-3), under the guidance of faculty coordinators Dr. G.S. Mini, Head of the Department of Mathematics and Statistics, and Dr. N. Chandan Babu, Assistant Professor



JAM-Just A Minute on occasion of National Statistics day-2025

The Department of Mathematics and Statistics at Bhavan's Vivekananda College of Science, Humanities & Commerce organized a JAM (Just A Minute) session on 28th June 2025 as part of the National Statistics Day celebrations to raise awareness about the importance of statistics in socio-economic planning and national development. The event was graced by the Guest of Honour, Dr. K. Suvarchala Rani, and was conducted under the leadership of Dr. G. S. Mini, Head of the Department, and faculty member Mrs.T.Sravani. A total of 22 students from various streams participated with great enthusiasm, each selecting a chit with one of 20 pre-decided topics and speaking impromptu for one minute. The participants demonstrated courage, confidence, and clarity in presenting the relevance of statistics in everyday life. Dr. Suvarchala Rani served as the judge for the session and later addressed the participants, offering valuable tips to enhance their speaking skills and appreciating their efforts. The event, which began at 3:00 PM, concluded at 4:30 PM with a vote of thanks delivered by Dr. G. S. Mini and a group photograph to mark the occasion.

