



The Scientia

Departmental Triumphs & Student Success Chronicle

News Bulletin of Department of Science of St. Claret College Autonomous, Bengaluru

Volume - 2 | August 2024

MESSAGE FROM HOD



It is with great pleasure and enthusiasm that I extend my warmest greetings to all of you through the pages of our bulletin. As the Head of the Science Department, it brings me immense joy to witness the culmination of our collective efforts in bringing forth this platform to celebrate the marvels of science. Science, as we know, is not merely a subject confined to textbooks and laboratories; it is a dynamic force that permeates every aspect of our lives. From the breathtaking expanse of the cosmos to the intricate complexities of the microscopic world, science serves as our guide, illuminating pathways to discovery and understanding. In this e-magazine, you will embark on a journey through the realms of computer science, statistics, mathematics, and beyond. Through engaging articles, captivating visuals, and thought-provoking insights, we aim to ignite your curiosity and spark a passion for exploration. Moreover, we are committed to promoting scientific literacy and fostering a culture of inquiry within our community. By sharing the latest advancements, debunking myths, and exploring the intersection of science and society, we hope to empower each one of you to become critical thinkers and informed decision-makers. I encourage you to dive into the pages of this bulletin with an open mind and a sense of wonder. Let us embark on this voyage of discovery together, embracing the wonders of science and the boundless possibilities it presents. Thank you for joining us on this exciting journey.

Lt. Dr. Prakash Chandra Behera

M.Sc.,MCA,PRCN,Ph. D.

HOD & Associate Professor

FACULTY OF DEPT. OF SCIENCE



Ms. Divya V. R.

M. Sc., B. Ed., (Ph.D),(MBA)

Assistant Professor



Mr. Kagendra T.

M. Sc., (Ph.D)

Assistant Professor



Ms. Geethu Varghese

M. Sc., (Ph.D)

Assistant Professor

DEPARTMENTAL PROGRAMMES

Aquatics

On March 19th, our department organized a significant outreach activity called 'Aquatics.' During this initiative, students distributed water and juice to individuals working hard under the scorching sun. The goal was to offer essential hydration and relief to those toiling outdoors, demonstrating our commitment to community service and social responsibility. Through their efforts, the students provided practical support and nurtured a sense of empathy and community spirit. The successful execution of 'Aquatics' showcased the department's dedication to making a positive impact and engaging in initiatives that benefit the broader community.



Students Distributing Water

Roadmap on research - Seminar



*Research insights from
Dr. Puneeth*

On April 1st, our department hosted an enlightening seminar titled "Roadmap to Research," presented by Dr. Puneeth V, an Assistant Professor at Christ (Deemed to be University), Bengaluru. Dr. Puneeth V imparted valuable insights into navigating the research landscape, including strategies for identifying research topics, conducting literature reviews, and publishing findings. His presentation offered practical guidance and inspiration for students aspiring to excel in research. The seminar provided a comprehensive overview of the research process, equipping attendees with the tools and confidence needed to embark on their own research endeavors, thereby significantly enhancing their academic and professional pursuits.

Implez - Paper Presentation

On April 5th, our department hosted "Impelz," an intra-departmental student conference dedicated to showcasing and discussing innovative ideas and research. This conference provided a platform for students to present their projects, share insights, and engage in academic discussions. The event facilitated intellectual exchange and encouraged students to explore various aspects of their fields. "Impelz" featured dynamic presentations and interactive sessions, demonstrating the department's commitment to fostering academic excellence and promoting scholarly dialogue. The conference not only highlighted the students' achievements but also contributed to their professional growth and collaborative spirit within the department.



Winners of Implez '24

Magnix - Intra Collegiate Fest

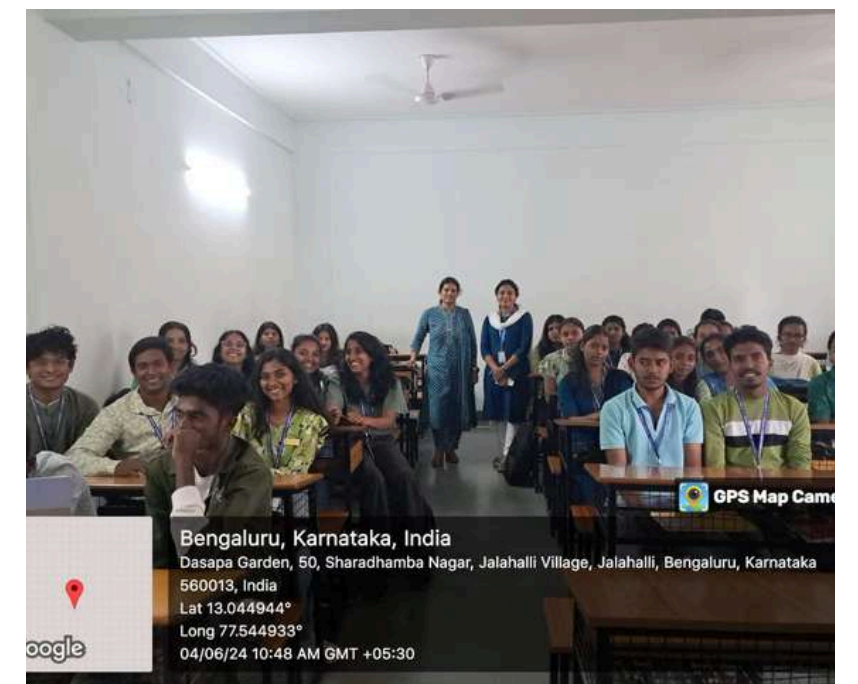


Winners of Magnix '24

On May 6th, the Science Club of our department organized "Magnix," an intra-department science fest featuring a diverse array of activities. The event included psychology games, technical competitions, and mathematics and statistics contests. Students showcased their skills and knowledge across various domains, participating in intellectually stimulating challenges and interactive games. "Magnix" provided a vibrant platform for students to demonstrate their expertise and creativity, fostering a sense of camaraderie and academic enthusiasm. The fest highlighted the department's commitment to a well-rounded educational experience, blending fun with scholarly pursuits.

Intellectual Property Rights

On June 4th, our department hosted an informative session on Intellectual Property Rights, led by Dr. Roopa M S, an Assistant Professor at Nitte Meenakshi Institute of Technology, Bengaluru. Dr. Roopa provided a comprehensive overview of intellectual property laws, including patents, copyrights, and trademarks. The session covered the importance of protecting intellectual creations and navigating the associated legal aspects. Participants gained practical insights into the application process and the significance of safeguarding innovative work. This event reinforced our department's commitment to equipping students with essential knowledge for their future professional endeavors.



IP Rights session with Dr. Roopa

Gender Equity and Inclusion - A Rereook



Gender equity session with Mr. Madhusudan

On June 13th, our department organized a session on gender equity and inclusion, featuring Mr. Madhusudan N, an Assistant Professor and Research Scholar at Reva University, Bengaluru. Mr. Madhusudan shared insightful perspectives on promoting gender equity and fostering an inclusive environment. The session covered key concepts, challenges, and strategies for addressing gender disparities in various contexts. Attendees gained valuable knowledge on creating supportive and equitable spaces in academic and professional settings. This initiative underscored our department's commitment to advancing understanding and dialogue on critical social issues, contributing to a more inclusive and respectful community.

Industrial Visit - ISRO

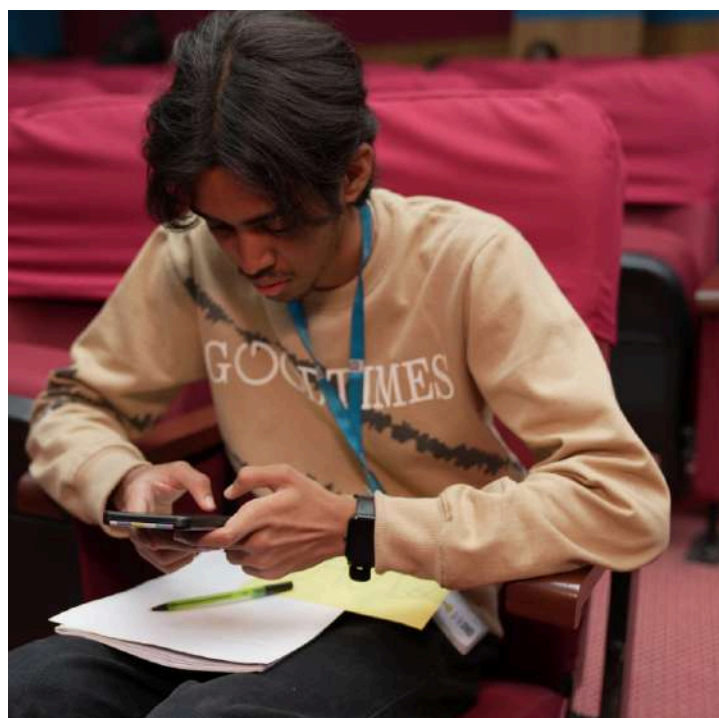
On June 14th, our department organized an enriching industrial visit to the UR Satellite Centre at ISRO, Bengaluru. This visit offered students a valuable opportunity to explore cutting-edge space research and satellite technology. Participants gained insights into ISRO's satellite development processes and operational techniques through guided tours of the facility, interactive sessions with experts, and a closer look at ongoing projects. This experience not only deepened students' understanding of space technology but also inspired them with practical applications of their academic learning, significantly contributing to their professional development.



ISRO visit enhanced space knowledge

Integrate - Inter College Fest

On June 18th, our department hosted "Integrate," an inter-college science fest featuring a variety of activities. The event included psychology games, technical competitions, and mathematics and statistics challenges, attracting participants from various colleges. Students demonstrated their skills and knowledge across these diverse areas, engaging in both competitive and collaborative experiences. "Integrate" fostered academic interaction and showcased the talents of students from different institutions, creating an enriching environment that promoted learning and interdisciplinary exchange. The fest successfully highlighted the department's commitment to academic excellence and community engagement.



Participants of the event

Alumni talk

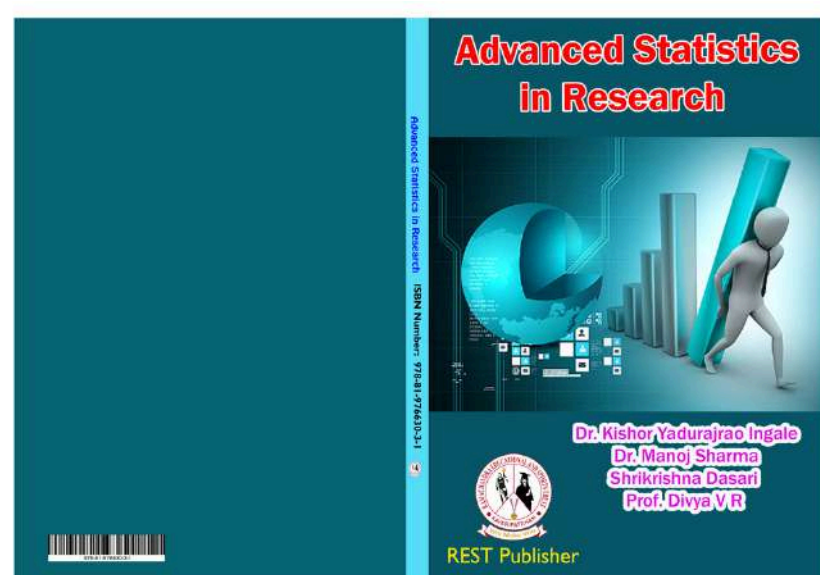
On June 26th, our department hosted an engaging alumni talk by Mr. Pavan Kumar, a dedicated civil service aspirant. Mr. Kumar shared his inspiring journey and experiences in preparing for the civil services examination, offering valuable insights into the challenges and strategies involved. His talk included practical advice on study techniques, time management, and the importance of perseverance. This event provided our students with a unique opportunity to learn from an accomplished alumnus, gaining a deeper understanding of the civil service career path and motivating them to pursue their own professional aspirations with confidence and determination.



Mr. Pavan engaging with the students

DEPARTMENTAL ACHIEVEMENTS

Faculty Achievement



Book Published by Ms. Divya

Ms. Divya V R, Assistant Professor, has published “Advanced Statistics in Research”, a significant contribution to the field. This book simplifies complex statistical methods, offering an invaluable resource for students and researchers involved in data-driven studies. By distilling intricate concepts into accessible explanations, her work demonstrates a profound commitment to advancing academic knowledge in statistics. It reflects both her expertise and dedication to the field, providing essential tools for those seeking to enhance their understanding and application of advanced statistical techniques. Her publication stands as a testament to her scholarly contribution and pedagogical passion.

Academy Achievements

Ms. Shriya Giridhar, an outstanding student from our department, received the Best Student Award at the graduation ceremony for the class of 2024. Her exceptional dedication to academics, active involvement in departmental activities, and exemplary leadership qualities have distinguished her as a role model among her peers. This prestigious award recognizes her hard work, commitment to excellence, and significant contributions throughout her academic journey. Ms. Shriya's achievement reflects her perseverance and sets a high standard for future students, underscoring her remarkable impact on the department.



*Ms. Shriya Giridhar wins
Best Student Award*

Bangalore University - Science Exhibition and Competition



Winners of the competition

Mr. Bhavesh L, Ms. Pankaja KP, Ms. Supriya, and Ms. Vaishnavi R earned 3rd place in the Science Model Exhibition at the Bangalore University Science Forum, held on March 15th-16th, 2024. Additionally, Ms. Sangeetha S received a consolation prize in the Mathematics Write-up competition organized by the same university. These achievements highlight their dedication to scientific exploration and academic excellence. The recognition of their hard work and innovative contributions underscores their commitment to advancing their fields and exemplifies the high standards of academic achievement within our department.

Christ University - Pi Day Palooza

Ms. Zoolu Tanwar and Mr. Karan S from II B.Sc demonstrated exceptional mathematical creativity and analytical skills at the National Pi Day event on March 14th. Competing in the Poster Presentation sub-event, their innovative approach and clear communication earned them 2nd prize. Their achievement not only reflects their dedication to excellence but also brings pride to the department. It highlights their potential as future leaders in the field, showcasing their ability to contribute significantly to mathematical and analytical pursuits. Their success at the event underscores their commitment and sets a high standard for their peers.



Ms. Zoolu receiving her prize

CULTURAL ACHIEVEMENTS

Christ Academy - ELYSIAN



*Mr. Bhavesh L wins
2nd in Editing*

Mr. Bhavesh L, a student from our department, demonstrated his exceptional talent in digital editing by winning 2nd prize in the Solo Editing sub-event at Elysian, hosted by Christ Academy on March 23rd. This achievement highlights both his creativity and his ability to excel in competitive settings. Mr. Bhavesh's success not only showcases his skill in digital editing but also brings pride and recognition to our department. His accomplishment reflects his dedication and ability to stand out in a competitive environment, reinforcing the department's reputation for nurturing talented and creative students.

RV educational institutions SSMRV college -

INKSCRIBE LITERARY FEST

Ms. Shatakshi Saxena, an exceptionally talented student from our department, won 1st prize in the "Pages to Stages" skit performance at the Inkscribe Literary Fest. Held on April 15th at RV Educational Institutions, her captivating performance highlighted her artistic excellence and creativity. This prestigious recognition not only showcases her outstanding talent but also brings significant pride to our department. Ms. Shatakshi's achievement underscores her dedication and skill, reinforcing the department's reputation for nurturing creative and exceptional students. Her success at the festival is a testament to her remarkable abilities and contributions to the field of performing arts.



*Ms. Shatakshi Saxena wins
1st in skit*

Punjab Agricultural University - HUNAR 2024



Mr. Kevin displays his talent

Mr. Kevin Renold, a talented student from our department, achieved notable success at Hunar 2024, hosted by Punjab Agricultural University on April 28th. He earned second place in the Solo Instrumental event and third place in the Western Group Singing competition. Mr. Kevin's musical prowess and dedication were prominently showcased on this prestigious platform, bringing considerable pride to our department. His achievements highlight his exceptional abilities and commitment to his craft, reinforcing the department's reputation for cultivating outstanding talent and excellence in the performing arts.

Presidency University - INVINCIA 2024

Mr. Kevin Renold and Mr. Pranav Jayachandra, exceptionally talented students from our department, showcased their prowess at Invincia, held on May 24th at Presidency University. Mr. Pranav and Mr. Kevin won 1st place in the Battle of Bands, while Mr. Kevin also secured 2nd place in the Solo Instrumental event. Their remarkable performances have consistently brought honor and recognition to our department, underscoring their exceptional skills and dedication. Their achievements highlight the department's commitment to nurturing outstanding talent and continue to elevate its reputation in prestigious events.



Participants of Battle of Bands

Dayanand Sagar - ESPERANZA



Mr. Pranav showcasing his talent in music

Ms. Shatakshi Saxena demonstrated her remarkable artistic skills by securing 1st place in the Mime event at ESPERANZA. The event, which took place on 7th and 8th June at Dayanand Sagar University, highlighted her exceptional talent and dedication. Her victory continues to enhance our department's reputation for excellence in the performing arts.



Participants of Mime

Sports Achievements

Athenia - Intra Collegiate Sports Competition



Students Participating in various events

The intra-collegiate sports meet "Athenia," held from March 26th to April 8th, highlighted the exceptional athletic talents within our department. Mr. Suhan N K achieved first place in the javelin throw, while Ms. Pankaja KP showcased her versatility with first place in javelin throw, second in volleyball, and second in the relay. Ms. Varsha G stood out by securing first place in throwball, second in javelin throw, and third in shot put. Ms. Dakshayani V earned third place in the 100m running race and first in the mixed relay. Ms. Joan Tressa Thomas claimed second place in the relay, and Ms. Shwetha K took first in throwball. Their remarkable performances brought immense pride to our department.

SRS Cup- Intra Collegiate Cricket Tournament



SRS Cup Runner-up Winners

The SRS Cup, an intra-collegiate cricket tournament held on June 15th, highlighted the exceptional talent from our department. Ms. Pankaja KP, Mr. Abhinay P, Mr. Tarun R, Mr. Suhan NK, Mr. Suresh S, Mr. Harshavardhan KS, Mr. Allen A, Mr. Subitto AC, Mr. Karthik, Mr. Tejas M, Mr. Hari Prasad A, and Mr. Samson R were awarded runners-up. Their impressive performance brought significant honor and excitement to our department, showcasing their skill and dedication.

Student Editors



Mr. Bhavesh L



Ms. Joan Tressa Thomas



Ms. Vathsala L

Faculty Editor



Mr. Kagendra T