



# BANSAL GROUP OF INSTITUTES, BGI Bhopal NEWSLETTER

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# Navaagat

## BGI Family Rings in New Year with Fun & Festivities:

### CELEBRATING 2024



As the first rays of 2024 bathed the campus of BIST in a hopeful glow, the air crackled with a different kind of energy. Gone were the usual academic rigors; instead, the campus pulsated with a joyous celebration of the new year on January 2nd. As balloons soared gracefully and ceremonial lamps flickered to life, dignitaries set the tone with motivational speeches, igniting a spark of optimism and hope for the year ahead.

Shedding their everyday personas, teaching and non-teaching staff alike transformed into enthusiastic participants in a whirlwind of fun games and activities. From the heart-pounding adrenaline rush of a chair race to the lighthearted competition of a tug-of-war and the delicate skill of the spoon marble race, each moment resonated with camaraderie and playful spirit.

Beyond the thrill of the games and the infectious good humor, the day served as a poignant reminder of the strength and resilience of the Bansal Institute family.

## Upskilling theFuture



#WEAREBGI

PAGE NO. 1

# BIST Students Spark Brilliance at English Club's "Battle of Minds" Competition

The BIST English Club hosted a thrilling Battle of Minds event on January 10th at the BIST auditorium, igniting the intellectual flames of students across branches.

The event featured two exciting competitions: a presentation competition for first-year B.Tech students as part of their module, and a debate competition open to all BIST students.

The presentation competition saw enthusiastic participation from students of seven different branches, showcasing their research and communication skills. Team CSE-A emerged victorious, followed by CSE-B and CSE-C/EX in a close second and third place respectively.

The debate competition, fueled by the thought-provoking topic "AI: Help or Harm to the World?", witnessed eight finalists battling it out for two coveted trophies. Neha Yadav, a first-semester B.Tech student from the CSE-AIML branch, impressed the judges with her compelling arguments, securing the first prize. Abhishek Sharma, a B.Tech CSE student in his sixth semester, took home the second prize.

The event was graced by the esteemed presence of MD Mr. Parth Bansal Sir and Dr. Damodar Tiwari sir, Director BIST. MD sir's inspiring words encouraged the students to continue honing their critical thinking and communication skills. The event's legacy is sure to inspire future generations of BIST to engage in meaningful activities like these.



# BGI Celebrates 75th Republic Day with Patriotism and Joy

The Bansal Group of Institutes (BGI) reverberated with patriotic fervor on Friday, January 26th, 2024, as the institute celebrated the 75th Republic Day of India. Er. Sunil Bansal, Secretary of BGI, and his wife, Mrs. Pooja Bansal, graced the occasion as the esteemed chief guests. The atmosphere was filled with pride and excitement as Er. Bansal hoisted the National Flag, drawing enthusiastic cheers from the assembled students, faculty, and staff.

A vibrant parade, led by NCC and NSS students, marched in perfect unison to the beat of drums, showcasing the spirit of discipline and service. The air resonated with patriotic songs and chants, further amplifying the celebratory mood. The little ones from Sushila Devi Bansal School stole the show with their heartwarming and energetic dance performances, adding a touch of innocent charm to the festivities. Students from BGI displayed their incredible talents through soulful singing, heart touching drama and mesmerizing dances, each act brimming with love for their nation.



# BIST Celebrates National Science Day with Exhibition Highlighting Indigenous Technologies

The Bansal Institute of Science and Technology (BIST) hosted a captivating National Science Day exhibition on February 27th, 2024. The event, co-organized by the National Council for Science and Technology Communication (NCSTC) and the Madhya Pradesh Council of Science and Technology (MPCST), showcased the marvels of scientific ingenuity with a focus on the theme "Indigenous Technologies for Viksit Bharat".

The exhibition buzzed with the wonders of working projects and insightful presentations. Visitors were treated to a glimpse of the future of science, where homegrown technologies will play a crucial role in shaping a developed India. The projects on display undoubtedly sparked curiosity and ignited a passion for scientific exploration among students.



## BIST Rings in Spring with Vibrant Vasant Panchami Celebrations

Bansal Institute of Science and Technology basked in the joy of spring as they celebrated Vasant Panchami with great enthusiasm on February 14th, 2024. Students and faculty members came together to honor Goddess Saraswati, the embodiment of knowledge, wisdom, and the arts.

The atmosphere buzzed with a shared love for learning and creativity. A special puja ceremony was held to worship Goddess Saraswati, seeking her blessings for academic success and artistic pursuits.



# Celebration of Innovation, Sportsmanship, Culture & Talent at "Bansalotsav-2024"

The Bansal Institute of Science and Technology (BIST) recently hosted its annual extravaganza, "Bansalotsav," from February 21st to 24th. The four-day fest was a vibrant celebration of technical prowess, sporting spirit, and cultural vibrancy. The event was divided into three distinct segments: technical events, sports competitions, and cultural showcases.

The technical segment offered a platform for students to exhibit their problem-solving skills and engineering ingenuity. Activities like debugging challenges, quiz competitions, LAN gaming tournaments, and robotic soccer matches tested the minds and technical know-how of participants. Students also showcased their creativity through events like filmmaking, mobile photography competitions, and design presentations using AutoCAD.

The sporting arena saw a flurry of activity with gully cricket matches, kabaddi clashes, badminton rallies, volleyball games, and thrilling tug-of-war contests. Chess and carrom tournaments offered a chance for strategic minds to compete.

The cultural events provided a stage for students to express their artistic talents. Solo singing and dance performances enthralled the audience. Group dances added a vibrant energy to the celebration. Artistic flair was on display through wall painting competitions, intricate rangoli designs, face painting booths, and a dazzling fashion show.

Bansalotsav served as a melting pot of intellectual curiosity, athleticism, and artistic expression. The fest provided an opportunity for students to connect, showcase their talents, and create lasting memories.



#WEAREBGI

## BGI's Alumni Return in Heartwarming Meet

Laughter filled the BIST auditorium at Bansal Group of Institutes' Kokta campus on December 25th, 2023, as alumni from various batches came together for a nostalgic and heartwarming reunion. The event was more than just a get-together; it was a chance to relive college memories, rekindle friendships, and celebrate individual successes. Honourable Secretary, BGI, Mr. Sunil Bansal graced the occasion with his charming presence, setting the tone for a memorable evening. Former directors also joined the festivities, adding a touch of history and shared experiences to the event. The event flowed from heartfelt speeches to lively musical performances, each element infused with a sense of shared history and camaraderie. It was a journey down memory lane, where classrooms came alive once more, filled with the echoes of professors' lessons and the clinking of teacups in the canteen.

But the alumni meet wasn't just about looking back. It was a platform for networking, for forging new connections and rekindling professional relationships. Success stories unfolded as graduates, now established professionals in diverse fields, shared their journeys and inspired the next generation. As the day drew to a close, a renewed sense of belonging lingered in the air. The Bansal Group of Institutes' alumni meet wasn't just an event; it was a reaffirmation of the bonds forged within these walls, a reminder that the BIST family extends far beyond graduation day.



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# Women's Empowerment Cell Tackles Health Concerns with Expert Talk

In a proactive move to address rising health concerns among women, the Women's Empowerment Cell, BIST hosted a vital session focusing on ownership and awareness. The event, held on November 7th, 2023, at 1:00 PM in Room No. 202 (BIST), featured renowned gynecologist Dr. Priya Bhav Chittawar, an obstetrician and gynecologist at Bansal Hospital Bhopal. Convened by Ms. Swati Sinha, the session served as a platform for Dr. Chittawar to engage in an insightful discussion on the growing impact of lifestyle choices and lack of awareness on women's health. Highlighting the importance of proactive healthcare measures, Dr. Chittawar emphasized the need for women to prioritize their well-being and take ownership of their health needs. This interactive approach underscored the event's success in empowering women to become active participants in their own healthcare journey.



# BIST, in Collaboration with IIC, Hosts Expert Talk on Essential Skills for IT Professionals



On December 2nd, 2023, the Bansal Institute of Science and Technology (BIST) partnered with the Institution Innovation Council (IIC) to host an insightful expert lecture for IT professionals titled "Essential Skills and Knowledge for Success." The session, which spanned two engaging hours, featured Dr. Dharmendra Singh Rajput, Professor at the School of Computer Science Engineering & Information System at VIT-Vellore, Tamil Nadu, as the keynote speaker. Dr. Rajput's expertise transcended the classroom, captivating the audience of around 20 teachers and 100 students with his practical advice and guidance. He shed light on how to refine programming skills, navigate the intricacies of research activities, and conquer the mental hurdles that often impede progress. His focus on mental barriers resonated with the aspiring professionals, reminding them that self-belief and mental strength are just as crucial as technical skills in the IT domain. The session wasn't solely focused on theoretical knowledge. Dr. Rajput delved into the practical aspects of research funding, providing valuable insights into various project grants and sponsorship opportunities available to researchers in the field. This information proved invaluable for students and early-career professionals seeking to embark on research journeys.



# BIST Hosts Thriving Workshop on Virtual Labs in Collaboration with IIT Delhi

Over 400 eager students at Bansal Institute of Science & Technology (BIST) had the exciting opportunity to delve into the world of virtual labs on December 4th, 2023. The workshop, organized in association with IIT Delhi, aimed to provide an in-depth look into the Learning Management System (LMS) surrounding virtual labs. Gracing the event as guest speakers were renowned figures from IIT Delhi: Mr. Prateek Sharma, Outreach Program Coordinator, and Mr. Chirag Dey, Senior Field Engineer. Dr. Shital, Nodal Center Coordinator V-Labs at BIST, expertly coordinated the workshop, ensuring a smooth and engaging session. From interactive video lectures and animated demonstrations to comprehensive web-resources and self-evaluation tools, the platform empowers students and teachers alike to embark on a dynamic learning journey.



# Research Activities

## Patent Granted/Published

The patent has been granted to Dr. Karuna Nidhi Pandagre, Prof. Raksha Rawat, Prof. Mayuri Soni from MCA Department under the category of Indian Patent entitled "IoT Based Holter Monitoring Device for ECG".  
 Design No. 403895-001  
 Date: 05/01/2024



## Paper Publications

Dr. Manoj Soni (Assistant Prof. Department of EC) has published a Research Article entitled "Formability of Aluminum AA5754 Using Electro Hydraulic Forming Process" in a reputed SCI indexed Journal namely Arabian Journal for Science & Engineering (Impact Factor-2.9)



Dr. Mohammad Aslam, Associate Prof. & HOD, Department of EC has published a Research Article entitled "Joint mechanism (Tunneling and Thermionic Emission) for improved Performance of a Dielectric Modulated Transistor Biosensor" in a reputed SCI indexed Journal namely ECS Journal of Solid State Science & Technology (Impact Factor -2.2)



Dr. Karuna Nidhi Pandagre, Assistant Professor MCA Department has published a Research Article entitled "Deep Learning Techniques for Autonomous Navigation of Underwater Robots" in a reputed in a 10th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering.



Dr. Piyush Kumar Jain, Assistant Professor Mechanical Engineering Department has published a Research Article entitled "Investigation of the heat discharge from a solar-powered air heater with distinctive dual arc artificial roughness" in a reputed SCI indexed Journal namely Sustainable Energy Technologies and Assessments (Elsevier)



Dr. Piyush Kumar Jain, Assistant Professor Mechanical Engineering Department has published a book Chapter entitled "A Comprehensive Review of Recent Trends in Augmentation Heat Transfer Solar Air Heaters Using Arc-Shaped Ribs" in a reputed publisher Springer Nature Singapore namely Renewable Energy: Accelerating the Energy Transition.



Dr. Anoop Pratap Singh, Assistant Professor Mechanical Engineering Department has published a Research Article entitled "Impact of various parameters on the tribological performance of nano lubricants considering oxide nanoparticles in conventional, semi-synthetic, and fully synthetic lube oils" in a reputed SCI indexed Journal namely Journal of Dispersion Science and Technology (Taylor & Francis)



Prof. Toshiba Kohli Kahre, Assistant Professor Training Department has published an Article entitled "Veritable Female Characters in the Novels of Shashi Deshpandey" in a reputed International Journal namely International Journal of Research and Analytical Reviews (IJRAR)



Congratulation to Dr. Manoj Soni (Assistant Prof. Department of EC) for his PhD Degree awarded from AcSIR-CSIR AMPRI Bhopal on the Thesis entitled "Effect of design parameters of electromagnetic forming tools for enhanced process performance"



## NPTEL Course Certification

The faculties and students of Bansal Institute of Science and Technology, Bhopal have successfully passed the NPTEL examination conducted in the session of July-Oct 2023 and received NPTEL certificates under various categories. More than 20 participants have received the NPTEL certificates from different courses. The Professors of different IIT's give training on various topics of engineering, management, environment and many more under these NPTEL courses.

## Faculty contribution



# Students' contribution

**Elite**  
**NPTEL Online Certification**  
 Funded by the MHRD, Govt. of India

This certificate is awarded by **SIVASUBU PATEL** for successfully completing the course **Introduction to Machine Learning** with a consolidated score of **65 %**

Online Assignments | 34.6475 | Proctored Exam | 40.8675

Total number of candidates certified in this course: 3448

Jul-Oct 2023 (13 week course)

Indian Institute of Technology Madras | swayam

NPTEL No. NPTEL2301000047008 | To verify the certificate | No. of credits recommended: 1.0 x 1

**NPTEL Online Certification**  
 Funded by the MHRD, Govt. of India

This certificate is awarded by **SURESH BHASKAR** for successfully completing the course **Cloud Computing** with a consolidated score of **47 %**

Online Assignments | 16.8125 | Proctored Exam | 30.7175

Total number of candidates certified in this course: 18886

Jul-Oct 2023 (13 week course)

Indian Institute of Technology Madras | swayam

NPTEL No. NPTEL230100002000000 | To verify the certificate | No. of credits recommended: 1.0 x 1

**NPTEL Online Certification**  
 Funded by the MHRD, Govt. of India

This certificate is awarded by **SURESH BHASKAR** for successfully completing the course **Ethical Hacking** with a consolidated score of **55 %**

Online Assignments | 31.025 | Proctored Exam | 33.6875

Total number of candidates certified in this course: 4378

Jul-Oct 2023 (13 week course)

Indian Institute of Technology Madras | swayam

NPTEL No. NPTEL230100002000000 | To verify the certificate | No. of credits recommended: 1.0 x 1

**NPTEL Online Certification**  
 Funded by the MHRD, Govt. of India

This certificate is awarded by **ANANDHARAJAN PANDIYAN** for successfully completing the course **Theory of Production Processes** with a consolidated score of **49 %**

Online Assignments | 33.1425 | Proctored Exam | 30.7175

Total number of candidates certified in this course: 84

Jul-Oct 2023 (13 week course)

Indian Institute of Technology Madras | swayam

NPTEL No. NPTEL230100002000000 | To verify the certificate | No. of credits recommended: 1.0 x 1

**NPTEL Online Certification**  
 Funded by the MHRD, Govt. of India

This certificate is awarded by **ANANDHARAJAN PANDIYAN** for successfully completing the course **Data Base Management Systems** with a consolidated score of **53 %**

Online Assignments | 33.8025 | Proctored Exam | 30.7175

Total number of candidates certified in this course: 6785

Jul-Oct 2023 (13 week course)

Indian Institute of Technology Madras | swayam

NPTEL No. NPTEL2301000047008 | To verify the certificate | No. of credits recommended: 1.0 x 1

**NPTEL Online Certification**  
 Funded by the MHRD, Govt. of India

This certificate is awarded by **ANANDHARAJAN PANDIYAN** for successfully completing the course **GPS Surveying** with a consolidated score of **48 %**

Online Assignments | 18.025 | Proctored Exam | 30.7175

Total number of candidates certified in this course: 148

Jul-Oct 2023 (13 week course)

Indian Institute of Technology Madras | swayam

NPTEL No. NPTEL230100002000000 | To verify the certificate | No. of credits recommended: 1.0 x 1

**NPTEL Online Certification**  
 Funded by the MHRD, Govt. of India

This certificate is awarded by **SURESH BHASKAR** for successfully completing the course **Problem Solving Through Programming in C** with a consolidated score of **52 %**

Online Assignments | 21.8625 | Proctored Exam | 30.7175

Total number of candidates certified in this course: 2857

Jul-Oct 2023 (13 week course)

Indian Institute of Technology Madras | swayam

NPTEL No. NPTEL230100002000000 | To verify the certificate | No. of credits recommended: 1.0 x 1

**NPTEL Online Certification**  
 Funded by the MHRD, Govt. of India

This certificate is awarded by **SURESH BHASKAR** for successfully completing the course **Advanced Marketing Processes** with a consolidated score of **55 %**

Online Assignments | 24.8625 | Proctored Exam | 30.7175

Total number of candidates certified in this course: 798

Aug-Oct 2023 (13 week course)

Indian Institute of Technology Madras | swayam

NPTEL No. NPTEL230100002000000 | To verify the certificate | No. of credits recommended: 1.0 x 1

**Elite**  
**NPTEL Online Certification**  
 Funded by the MHRD, Govt. of India

This certificate is awarded by **VIJAY PATEL** for successfully completing the course **Problem Solving Through Programming in C** with a consolidated score of **61 %**

Online Assignments | 23.2125 | Proctored Exam | 38.8675

Total number of candidates certified in this course: 2857

Aug-Oct 2023 (13 week course)

Indian Institute of Technology Madras | swayam

NPTEL No. NPTEL230100002000000 | To verify the certificate | No. of credits recommended: 1.0 x 1

**NPTEL Online Certification**  
 Funded by the MHRD, Govt. of India

This certificate is awarded by **YASIR AHAMMED** for successfully completing the course **Introduction to Japanese Language and Culture** with a consolidated score of **50 %**

Online Assignments | 38.4125 | Proctored Exam | 30.7175

Total number of candidates certified in this course: 574

Jul-Oct 2023 (13 week course)

Indian Institute of Technology Madras | swayam

NPTEL No. NPTEL230100002000000 | To verify the certificate | No. of credits recommended: 1.0 x 1



# DEPARTMENTAL PARTICULARS

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Vision of the Department: To become a front-runner in bringing out globally competent electrical and electronics engineers, innovators, researchers, and entrepreneurs and thereby contribute value to the knowledge-based economy and society.

Mission of the Department:

M-1: To impart the quality education and enhance skills for developing globally competent Electrical Engineers.

M-2: To provide suitable forums to enhance the creative talents of students and faculty members.

M-3: To enable students to develop skills to solve complex technological problems of current times and also provide a framework for promoting collaborative and multidisciplinary activities.

### Students Gain Insights into Solar Power and IoT at Solar Shaktisteller

Students from the EX Department at Bansal Institute of Science and Technology (BIST) recently embarked on an educational industrial visit to Solar Shaktisteller Pvt. Ltd. in Bhopal on February 16th, 2024. During the visit, students were exposed to the workings of three ongoing projects, including a pioneering 15 KW Solar Setup in Piplani, Bhopal that utilizes cutting-edge Internet of Things (IoT) technology. This provided them with a unique opportunity to understand how sustainable energy solutions are being integrated with advanced technology.

The visit proved to be a valuable learning experience for the students, equipping them with practical knowledge of solar power systems and the practical applications of IoT in the field of renewable energy. The visit also provided students with valuable experience, coveted internships, and unparalleled exposure to state-of-the-art technologies in these emerging fields.



### Prakhar Solution conducted Hands-on Drone Technology Training Program



Prakhar Solution has conducted a certified training program in Drone Technology, that provided students with practical experience and industry expertise. The program was held on February 17th, 2024.

This hands-on program allowed students to gain practical experience flying drones while receiving guidance from professionals in the drone industry.

### Alumni Talk: Shishir Sharma - February 10, 2024

Esteemed alumnus Mr. Shishir Sharma, now an Assistant Engineer/Manager at MPMKVCL Central Discom, returned to our institution on February 10, 2024, to deliver an inspiring alumnus talk.

Mr. Sharma's journey from student to accomplished professional exemplifies the potential and opportunities for growth nurtured by our academic programs. An active contributor to the field of electrical engineering, Mr. Sharma's insights proved invaluable to our current students as they navigate their own career paths.



## BIST Students Rev Up Innovation: Build Cost-Effective Electric Vehicle with Impressive Range

In a display of remarkable ingenuity and technical prowess, a team of 7th semester students from the Electronics and Electrical Engineering (EX) department at Bansal Institute of Science and Technology (BIST) has successfully built a cost-effective electric vehicle (EV) that boasts impressive performance. Their creation, aptly named the "BIST Bolt," can zip between 25-30 kilometers per hour and has a remarkable range of 28 kilometers on a single charge. This eco-friendly marvel is powered by eight 28AH batteries and packs a punch with two 1200W Brushless DC (BLDC) motors.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Vision of the Department:** To become a Center of Excellence in the field of Computer Science and Engineering through value based teaching-learning process, facilitating innovative research and development, encouraging and molding young minds with ethical values, to be future-ready to take challenges as opportunities

**Mission of the Department:**

M-1: To impart the quality education and enhance skills for developing globally competent Computer Science.

M-2: To provide suitable forums to enhance the creative talents of students and faculty members.

M-3: To able to design and work with modern tools, inventive technologies and to develop innovative research capabilities, leadership and entrepreneurial abilities with ethical values.

### BIST Hosts Expert Talk on Cloud computing-AWS: Demystify Industry Expectations and Opportunities

The Department of Computer Science and Engineering and Department of Information Technology at BIST hosted an insightful Expert Talk on "Cloud computing-AWS: Industry Expectations and Opportunities" on January 11, 2024. This one-day session brought together industry experts and aspiring tech enthusiasts to delve into the exciting world of cloud computing, with a specific focus on Amazon Web Services (AWS).

Mr. Sanket Saxena, Solutions architect at TCS, Cloud Bharat Malaysia, graced the event with his expertise. Mr. Saxena's extensive experience in the cloud domain provided valuable insights on industry expectations and trends in leveraging the immense potential of cloud computing.

Mr. Sunil Sharma, Founder of Dot Stark Technologies Pvt Ltd, further enriched the discussions with his entrepreneurial perspective. Mr. Sharma's practical wisdom on navigating the opportunities and challenges within the cloud ecosystem proved highly insightful for aspiring cloud professionals.



### An Insightful Industrial Visit

Sixth-semester students from the Department of Computer Science and Engineering at BIST gained valuable insights into the world of smart cities on Tuesday, January 16th. The department organized a one-day industrial visit to the Smart City office, showcasing the city's cutting-edge technology and governance initiatives.

The packed itinerary included visits to the Integrated Command and Control Center (ICCC), the Integrated Common Municipal Services Center (ICMT), and the B Nest Incubation Center. Students witnessed firsthand the power of Internet of Things (IoT) integration, data analytics, and e-government platforms driving Bhopal's transformation into a smarter city.

The industrial visit not only provided valuable technical knowledge but also instilled in the students a sense of responsibility and awareness towards building smart and sustainable cities. The experience bridged the gap between theoretical knowledge and real-world challenges, preparing them for careers in the ever-evolving landscape of technology and urban development.



## Training on HTML & CSS – Making students industry ready

The Department of Computer Science and Engineering at BIST, successfully concluded a 15-day intensive training program on HTML and CSS for its third-semester students, held from November 18th to December 8th, 2023. This comprehensive program focused on equipping students with the essential skills for web development, laying a strong foundation in the key building blocks of HTML and CSS. Led by expert trainers Dr. Anvesh Singh and Prof. Nadeem Khan, with the support of additional CSE faculty members, the program offered a blend of theoretical knowledge and practical application. Students actively participated in engaging hands-on sessions, tackling practical exercises and working on real-world projects. This practical approach ensured that students not only grasp the core concepts of HTML and CSS but also honed their ability to apply these skills in building compelling web experiences.



## DEPARTMENT OF INFORMATION AND TECHNOLOGY

**Vision of the Department:** To achieve global standards in quality of Education, Research and Development in Information Technology by adapting to the rapid technological advancement.

**Mission of the Department:**

M-1: To apply theoretical and practical aspects of software engineering and mathematics in the educational process through culture of research, innovation and applied learning in information technology.

M-2: To promote innovative development of IT solutions through various tools.

M-3: To develop, Human Resources with sound knowledge to impart professional values in view of ethical and ecological context.

## IT's Yash Time! Khare Secures GATE Qualification

Congratulations to Yash Khare, a final semester (VIII) student in the Information Technology branch, for qualifying GATE 2024! This prestigious exam opens doors to prestigious Master's programs and high-profile careers in the field. The college community is incredibly proud of Yash's dedication and hard work. We wish him all the very best in his future endeavors!



## Students Visit Smart City Office to Learn About Vehicle Tracking System



A group of 39 B-Tech final year students from Bhopal accompanied by Professor Paras Gupta visited the Smart City Office on Wednesday to learn about the city's vehicle tracking system. The two-hour industrial visit focused on the use of cameras and sensors in smart city solutions. Officials explained the key infrastructure components of Bhopal Smart City, including reliable utilities, sanitation, and robust IT connectivity. Students gained insights into the Internet of Things (IoT) and its role in smart city development. The session covered the significance of IoT, its architecture, and the potential for business opportunities. The Smart Cities Mission presentation highlighted various smart solutions implemented in Bhopal, including grievance redressal systems, electronic service delivery, and video crime monitoring. Students also learned about innovative initiatives like waste management, renewable energy sources, and smart parking systems. The visit concluded with a tour of labs focused on data handling, artificial intelligence, and cyber security. Students expressed enthusiasm for the knowledge gained and its relevance to their future careers.

## BIST IT Students Visit Agnito Technologies to Explore Latest Software Development Techniques

On March 1st, 2024, the Department of Information Technology at Bansal Institute of Science & Technology (BIST) Bhopal organized an industrial visit for their 6th semester Information Technology students to Agnito Technologies Pvt. Ltd. in Bhopal. This visit aimed to bridge the gap between theoretical knowledge and practical application in the field of software development. By visiting Agnito Technologies, an award-winning web and mobile app development company, students gained valuable insights into the latest technologies used in the industry today. During the visit, students were exposed to a range of advanced technologies, including Web development, Internet of Things (IoT), Block chain, Big Data, Artificial Intelligence (AI), Augmented Reality/Virtual Reality (AR/VR), and Machine Learning. These technologies are shaping the future of software development and hold immense potential for various industries.



## IT Students Gears up for Data Innovation at CRISP Bhopal

On December 19th, 48 B.Tech third-year students from the IT department of BIST embarked on a thought-provoking industrial visit to CRISP, Bhopal. Led by Faculty Coordinator Prof. AnkurTaneja, the trip titled "To Learn and Visit about the New Pattern Innovation in Data Innovation" provided a unique opportunity for students to witness cutting-edge advancements in the world of data technology.

CRISP, located in the Shyamla Hills area of Bhopal, is a renowned hub for research and development in data innovation. During the 2-hour visit, students gained valuable insights into:

- The present and future state of enterprise equipment and programming skills.
- A comprehensive overview of career paths in computer science.
- The fascinating realm of 3D animation, PC organization, and its applications.
- The transformative power of IoT in robotics.
- Experiential learning through internships and research opportunities.

Overall, the IT department's visit to CRISP proved to be a resounding success, igniting a spirit of curiosity and innovation among the next generation of tech-savvy students.



## DEPARTMENT OF ELECTRONICS & COMMUNICATIONS ENGINEERING

**Vision of the Department:** To produce competent Electronics and Communication Engineers by imparting quality teaching & strengthening research and development activities with world class infrastructure in the field of Electronics and Communication Engineering.

**Mission of the Department:**

- M-1: To Provide in-depth theoretical & application oriented knowledge by quality teaching learning process.
- M-2: To Nurture students on emerging technologies for serving industry needs through industry institute interface.
- M-3: To Inculcate leadership qualities among students for self and societal growth.
- M-4: To establish state-of-the-art laboratories for academic excellence and quality research work.

## ECE student qualifies GATE 2024!

Amit Kumar, a 6th semester Electronics & Communication Engineering student, has achieved remarkable success by qualifying the GATE exam. The institute extends its heartfelt congratulations to Amit for his dedication and hard work, which have opened doors to new opportunities. BIST wishes Amit continued success in his future endeavors.



## Department of Electronics & Communication Engineering Conducts Embedded System Training for IV Semester Students

The Department of Electronics & Communication Engineering at MSME Bhopal conducted an Embedded System Training program for its IV semester students. The training program was held from February 26, 2024 to March 18, 2024. This program equipped students with the knowledge and skills necessary to design and develop embedded systems. By participating in this training program, IV semester students at MSME Bhopal gained valuable hands-on experience in embedded system design and development. This training will help them to be better prepared for careers in the field of embedded systems engineering.

## Department of ECE, BIST Hosts Successful ATAL FDP on Emerging Low Power Devices & Advanced Material Processing

From December 3rd to 8th, 2023, the department of Electronics & Communication Engineering, BIST hosted a 6-day Faculty Development Program (FDP) titled "Emerging Low Power Devices and Advanced Material Processing." The program, sponsored by the All India Council for Technical Education (AICTE) under its ATAL Academy initiative, saw the participation of 60 faculty members from various technical institutes.

The FDP provided a valuable platform for faculty members to enhance their knowledge and skills in cutting-edge areas like low-power devices and advanced material processing. Renowned professors from prestigious institutions like Indian Institutes of Technology (IITs), National Institutes of Technology (NITs), CSIR AMPRI, and other eminent institutes delivered insightful sessions throughout the program. The interactive sessions covered diverse topics including:

- Role of approximate computing in low-power electronic devices.
- Solar photovoltaic design and simulation.
- Advanced nanostructures based on flexible electronics and sensors.
- Advanced material processing, fabrication and instrumentation.
- India's role in designing and fabrication of low power devices.
- Novel device architectures.
- Passive voltage amplification in FE-DE hetero structure.
- Material and actuator development and engineering applications.
- Insight into Non-Hysteretic negative capacitance field effect transistors.
- Memory architectures and computing for AI chips.

The program concluded with a thought-provoking industrial visit to BEEPL Bhopal, where participants gained valuable insights into the practical applications of emerging technologies in the industry.



# DEPARTMENT OF MECHANICAL ENGINEERING

Vision of the Department: To develop a reliable center for technical education and innovation that meet global needs of Mechanical graduates and can take over the current and future challenges.

Mission of the Department:

M-1: To advance the pedagogy that facilitates Mechanical graduates for global level competition.

M-2: To build maximum possible research and practical oriented facilities for the faculties and students that enables their skills towards innovation and application.

M-3: To improve skills and social ethics that grooms personality essential for entrepreneurship, placements, higher studies and for overall development of society.

## Mechanical Engineering Students Get Hands-on Experience at LM Bakers Private Limited

The students of Mechanical Engineering recently had the opportunity to visit LM Bakers Private Limited, a company that manufactures biscuits for Parle, a leading Indian brand. During the industrial visit, the students gained valuable insights into the biscuit production process. They witnessed firsthand the transformation of raw materials into delicious treats, observing how the ingredients move through various ovens and conveyor belts. This visit provided the students with a practical understanding of the mechanical engineering principles applied in a real-world manufacturing setting.



## Certified Short Term Training Course on "Advanced CNC Machining (Milling)" at MSME Technology Center Bhopal



Second Year Students of Mechanical Engineering Department, have successfully completed a certified Short Term Training Course of 20 days on "Advanced CNC Machining (Milling)" at MSME Technology Center Bhopal under Entrepreneurship Skill Development Programme (ESDP).

## 10 days workshop on "Additive Manufacturing-3D Printing"

The Department of Mechanical Engineering, BIST with Center for Research and Industrial Staff Performance (CRISP), Bhopal has conducted the 10 days workshop on "Additive Manufacturing-3D Printing" from 10th to 22nd February 2024. The faculty members from the difference departments were attended the sessions during workshop and get benefited. The trainer had demonstrated the latest technologies over 3D printing and 3Dscanning ahead of participants.



## BIST Bhopal's Mechanical Engineering Department Hosts Week-Long Workshop on Intellectual Property Rights



The Department of Mechanical Engineering at BIST Bhopal conducted a week-long workshop on "Intellectual Property Rights: Protection of Invention and Copyright" starting on March 4th, 2024. The workshop was inaugurated by the esteemed Chief Guest, Shri Vikas Shende Sir, Senior Scientist from MPCST. His insightful session on IPR laid the foundation for an enriching learning experience for all participants. This week-long program aimed to equip participants with the knowledge and tools necessary to protect their inventions and creative works.

## Mechanical Engineering Students Bagged Second Prize in Model Competition at Technovation-2023

The "Robot Fire Extinguisher" project, created by Mechanical Engineering students Saurabh Lodhi and Roshan Kumar, won second place and a cash prize of Rs. 2100 at Technovation-2023 held on 3rd and 4th November 2023 at IES University Bhopal. The project stood out for its innovative design and practical application.



## Students gain insights into industry during visit

The III Semester Students of Mechanical Engineering Department at BIST Bhopal recently embarked on an enriching industrial visit to Bansal Extraction & Export Pvt. Ltd. This immersive experience provided them with firsthand exposure to the fascinating world of soybean oil extraction and advanced industrial processes. The visit commenced with a tour of the boiler section, where they witnessed the essential steam generation process that fuels the operations. Moving on to the refinery section, the students were captivated by the intricate machinery employed in transforming soybeans into edible oil. They observed various advanced machining processes, gaining valuable insights into the intricate workings of modern industrial equipment. The journey culminated in the hot molding section, where they learned about the shaping of plastic canes, a crucial component in oil packaging. The students also explored the packaging section, observing the meticulous processes involved in packaging oil cans and boxes in various sizes, from ½ L to 15 L.

Students gained practical knowledge about the oil extraction process, witnessed advanced machinery in action, and learned about the intricacies of industrial packaging. This exposure will undoubtedly broaden their horizons and contribute significantly to their academic and professional development.



# DEPARTMENT OF CIVIL ENGINEERING

**Vision of the Department:** To empower civil engineering graduates with the technicalities and their all-round development to fulfill the requirements of present globalization with the ethics of engineering and morals for the upliftment of the society.

**Mission of the Department:**

M-1: To impart quality and real time education to contribute to the field of Civil Engineering.

M-2: To impart soft skills, leadership qualities and professional ethics among the graduates to handle projects independently.

M-3: To develop graduates to compete at the global level.

M-4: To deal with the contemporary issues and to cater to the societal needs.

## UltraTech Cement Ltd. and BIST Join Forces to Promote Sustainable Construction Practices

In a significant step towards advancing sustainable construction practices, Ultra Tech Cement Ltd. announced collaboration with the Department of Civil Engineering at Bansal Institute of Science and Technology (BIST) to establish a "Centre of Excellence for Sustainable Construction Materials." The inauguration ceremony, held on March 20th, 2024, was graced by the presence of distinguished guests, including Dr. Sanjay Jain (Jt. Secretary, BGI), Dr. Damodar Tiwari (Director, BIST), and Dr. Satish Nayak (Principal, BCP).

Er. Rahul Goel, Zonal Head & Vice President of Ultra Tech Cement Ltd., served as the chief guest for the event. He addressed the gathering and shared valuable insights on advanced construction materials with the Civil Engineering students. The ceremony also witnessed the signing of a Memorandum of Understanding (MoU) between Ultra Tech and the Civil Engineering department of BIST, solidifying their commitment to collaborative efforts in promoting sustainable construction practices.

This collaboration is expected to provide a significant boost to research and development in the field of sustainable construction materials. The Centre of Excellence will serve as a platform for students, faculty, and industry professionals to work together on developing and implementing innovative solutions for a greener future in construction.



## BIST Civil Engineering Department Hosts Lecture on Building Products



Bansal Institute of Science and Technology (BIST) organized a field visit for its civil engineering students on December 11, 2023. The visit was held at the Topaz construction warehouse, where students from the third and fifth semesters learned about various types of steel structures. This exposure aimed to provide students with practical knowledge beyond classroom learning.

## Students Attend Bureau of Indian Standards (BIS) Annual Event

Four civil engineering students from the fourth semester along with Professor Tanmay Singh attended the annual event 'Manak Manthan' organized by the Bureau of Indian Standards (BIS) on November 30, 2023. The event likely focused on providing a platform for students to learn more about standardization and its significance in the field of civil engineering. It is a valuable opportunity for students to gain insights from experts at BIS and potentially network with professionals in the industry.





## Bureau of Indian Standards (BIS) Holds Writing Competition on IS Codes

The Bureau of Indian Standards (BIS), in collaboration with the Department of Civil Engineering, organized a writing competition on IS Codes on February 15, 2024. The competition aimed to raise awareness and understanding of these critical standards in the construction industry.



## BIST Civil Engineering Students Journey beyond Textbooks at Warehouse Construction Site



Theory comes alive for 5th-semester Civil Engineering students at BIST as they embark on an eye-opening industrial visit to a Pre-Engineered Building (PEB) construction site, on 4th Nov. 2023. The Civil Engineering Department organized this insightful exploration, proving that experiential learning truly paves the way for unforgettable understanding. Students immersed themselves in the bustling construction site, observing every stage of the PEB assembly. From the fabrication of steel components to the erection of the structure, they gained invaluable insights into the intricacies of this modern construction technique.

## DEPARTMENT OF BASIC SCIENCE

### First year Students Visit Amul Plant in Bhopal

On March 16, 2024, the Basic Science Department of Bansal Institute of Science and Technology (BIST) organized an industrial visit for its first-year students to the Amul Plant located in Govindpura Industrial Area.

A group of 40 students from the AIML and CE programs, along with three faculty members, participated in the visit.

The Amul Plant, a significant contributor to India's "White Revolution," provided the students with firsthand exposure to modern milk processing and packaging techniques. Amul, a dairy cooperative established in 1946, is managed by the Gujarat Cooperative Milk Marketing Federation Ltd. (GCMMF) and remains a key pillar of India's dairy sector.



### Students Visit MSME Technology Centre

On March 16, 2024, the Basic Science Department of Bansal Institute of Science and Technology organized an industrial visit to the MSME Technology Centre in Bhopal.

A total of 62 first-year students from ME, EC, and EX programs, along with 3 faculty members, participated in the visit. The MSME Technology Centre impressed the students with its well-maintained infrastructure and advanced equipment. The students were welcomed by an officer in charge, who provided an informative overview of the center's activities and the various industrial processes and facilities it offers. The visit included a detailed session on industrial automation, CNC Programming and Machining, Hydraulics and Pneumatics, Robotics/Mechatronics, and Programmable Logic Controllers (PLC), along with their practical applications. This exposure provided valuable insights for the students, enhancing their understanding of these critical industrial technologies.



## Math's Magic Quiz Held on National Mathematics Day

The Department of Basic Science at BIST commemorated National Mathematics Day on December 22nd, 2023, by organizing a series of exciting quiz competitions that challenged and engaged students. The event, held under the distinguished patronage of Dr. Meno Shubhranshu Deep, Director of Bansal College of Nursing, witnessed enthusiastic participation from students across various disciplines. National Mathematics Day serves as a reminder of the immense contributions of Indian mathematician Srinivasa Ramanujan. These competitions are not just about testing knowledge, but also about fostering a love for the subject and its applications in the real world. The competitions covered a diverse range of mathematical topics, catering to students of all levels. From high-pressure individual quizzes to collaborative team challenges, the atmosphere buzzed with excitement and friendly rivalry.



#WEAREBGI

# DEPARTMENT OF MBA

**Vision of the Department:** To urge for excellence in providing higher education and to become a world class institute imparting the Management education in a manner to exceed the expectations of all our stakeholders

**Mission of the Department:**

M-1: To impart quality professional education to students and enhance their skills to make them competitive world-wide in the various fields of MBA.

M-2: Constantly strive to improve pedagogical methods employed in delivering the academic programs.

M-3: To advance the well-being of society through excellence in teaching, research and service that exploits the rapidly changing technical diversity of MBA.

M-4: Provide consultancy to the neighborhood and cultivate the spirit of entrepreneurship

## Bansal Uttarayan – 2024

(13 January, 2024)

Uttarayan is for enlightenment. This is the period of receptivity, of grace and enlightenment, of attainment of the ultimate.

To mark the auspicious occasion of Makar Sankranti and Lohri, the Department of MBA (BGI) organized a Kite Flying Competition where students and faculty members participated with great enthusiasm.

The event witnessed the gracious presence of Dr Sanjay Jain Sir ( Joint Secretary, BGI) , Dr Manish Manoriya Sir ( Director BIRT/BIRTS ) and Dr Damodar Tiwari ( Director BIST). Moreover, the event witnessed the enthusiastic display of marketing and selling skills by MBA students which was showcased in the form of food and games stalls.

The winners of the kite flying competition were as follows -

Winner – Shashank Kaushal and Himanshu Kushwaha( MCA BIST).

Runner up – Nitin Bhilala (CSE BIRT).

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## CPBFI Workshop

(11 Dec 2023 – 13 Feb 2024)

Bansal Institute of Science & Technology, Bhopal has signed an MoU with Bajaj Finserv. Department of MBA is committed towards providing quality education to students and make them industry ready. According to the various reports, the insurance and banking sectors are witnessing a huge surge in new job creation, significantly contributing to the upward hiring trend in the overall white-collar job market of India. This Certificate program in Banking, Finance and Insurance (CPBFI) will provide students a holistic overview of the banking and NBFC industry with the mission to prepare the students and make them industry-ready professionals to pursue a career in Banking, Financial Services and Insurance (BFSI) sector.

Overall, 40 students from Dept of MBA registered for the program and it is a matter of great pride that all the students qualified the same with 28 students being the star performer during the entire program.



## Educational Tour -2024

(16 march 2024 – 22 march 2024)

'Sometimes it is the journey that teaches you a lot about your destination'

It is of great pleasure to announce that the Department of Master of Business Administration organized an Educational Tour to Rishikesh- Mussoorie - Haridwar from 16 March 2024 to 22 March 2024 under the guidance of our Respected Director Sir DrDamodarTiwari .

30 students from BIST and BIRT collectively together with Prof Nivedan Narula and Prof ArtiVerma under the profound leadership of Dr Priti Dubey (HOD ,MBA) left Bhopal for this spellbound journey. After reaching Rishikesh and checking into the campsite, students enjoyed the property and enjoyed the treacherous and adventurous River Rafting of 15 kms in the most sacred river Ganga. The experience was totally enchanting and thrilling.

In Haridwar students visited Patanjali Research Institute and Patanjali Botanical Garden where they learned about the quality testing and product packaging.

Later in the evening students visited the Har Ki Pauri Ghat where they took a holy bath in the river and attended the



## Financial Awareness on Stock Market Workshop

(3-4 Nov 2023)

The Department of MBA at BGI organized a two day workshop on 3rd & 4th Nov on financial awareness on stock market and its relative dimensions. Ms Shruti Gupta, a renowned Financial Education Trainer was the keynote speaker for the workshop. This workshop aimed to provide attendees with valuable insights and practical tips on navigating the stock market, understanding investment opportunities, and building a strong financial portfolio. Topics covered included market analysis, risk management, asset allocation, and retirement planning strategies. Participants at the workshop expressed their satisfaction with the event, praising the high-quality content and interactive sessions. The workshop also provided a platform for networking and information sharing, allowing attendees to connect with like-minded individuals and industry professionals. Overall, the event was a resounding success, helping to raise awareness about the importance of financial education and empowering individuals to take control of their financial futures.



## Jingle Making Activity



4 Nov 2023

After the successful completion of the workshop on Financial Awareness on Nov. 4th, the students of MBA participated enthusiastically in the Jingle Making Competition organized by the Department of MBA. The main motive behind this activity was to assess the students ability to create a commercial jingle by creating a sound sequence connected to a fictional product. These activities aid the students to enhance their creativity and improve their team dynamics and coordination skills.

## Industrial Visit – Bansal Extraction & Exports PVT.LTD.

25 Nov 2023

As per our commitment of bridging the inevitable gap between academia and industry, the Department of MBA , BGI organized an industrial visit to Bansal Extraction and Exports Pvt Ltd , Mandideep on 25th November, 2023. The students of First and Third semester participated enthusiastically and gained valuable learning and exposure at the unit. Starting from procurement of raw material , storage , extraction, refinement , use of by-products and packaging and labeling, students learned the entire process and carried a bucket full of experience and valuable insights which will help them to pave the path for their future. The visit was organized as part of the students' curriculum to provide them with firsthand experience of the corporate world and gain insights into the practical aspects of management. During the visit, the students were given a comprehensive tour of the company's facilities and were provided with in-depth knowledge about the various management processes and operations. They were also given the opportunity to interact with the company's management team and gain valuable insights into the challenges and opportunities in the industry. The industrial visit proved to be an enriching experience for the students, as they were able to apply the theoretical concepts learned in the classroom to real-life situations.



## Business Plan Presentation Competition: Expert Talk on Digital Marketing & Cyber Security

2 Dec 2023

As the Department of MBA at BGI is constantly striving to improve pedagogical methods employed in delivering the academic programs, a Saturday Activity was organized on 2nd Dec, 2023 which was full of zeal, enthusiasm and valuable learnings.

Firstly, a Business Plan Presentation competition was organized where students participated with a visionary perception of achieving greater milestones. This competition aimed to encourage students to put their theoretical knowledge into practice and develop comprehensive business plans for potential start-up ventures. Participants were judged on their ability to create a viable business model, conduct thorough market research, and present a convincing case for their proposed business. The Business Plan Presentation Competition serves as an invaluable platform for aspiring young entrepreneurs to gain real-life experience and receive constructive feedback from industry experts. With the ultimate goal of fostering innovative thinking and entrepreneurial spirit, this competition promises to inspire and motivate the next generation of business leaders.

Secondly, a guest lecture was conducted on Data Analytics by industry expert Mr Prashant Tiwari, Director Cybrome Technologies Pvt. Ltd. where he guided students and made them aware with the dynamics of Data Analytics. In today's digital age, the importance of cyber security in the field of digital marketing cannot be overstated. As businesses increasingly rely on online platforms to reach their target audience, the need to protect sensitive data and information from cyber threats is paramount.



## Industrial Visit – AMUL CO.OP. LTD, Govindpura, Bhopal



18 Dec 2023

ON 18TH Dec, 2023, the Department of MBA at BGI organized an Industrial Visit for its students to AMUL CO. OP. PVT LTD, BHOPAL. Starting from procuring raw material, storage, extraction, refinement, use of by-products and packaging and labeling, students learned the entire process and carried a bucket full of experience and valuable insights. The students had the opportunity to network with industry professionals and gain a better understanding of the career opportunities available to them in the field of management. Overall, the industrial visit was a valuable learning experience for the students, as it provided them with a broader perspective on management practices and a better understanding of the corporate world. The students expressed their gratitude to the company for allowing them to visit and gain valuable insights. Such industrial visits are an essential part of a management education and play a significant role in shaping the future leaders of the industry.

## Freshers Party

23 Dec 2023

The students of the Third semester of the Department of MBA at BGI hosted a 'Fresher's Party' for the incoming batch of management students on 23rd Dec, 2023. The event was held in the BIST auditorium and was attended by the dignitaries, students, faculty, and staff. The purpose of the party was to introduce the new students to their fellow classmates, the faculty, and the various resources available to them during their journey at BGI. The party featured a variety of activities, including icebreaker games, music, and dance performances by current students. The event was a great success, with the new students expressing their excitement at being part of the BGI family and the management program. Many of them appreciated the opportunity to meet their peers and get to know the faculty and staff. The Fresher's Party was a great way for the new students to feel welcomed and a part of the BGI community, and it set a positive tone for the start of their academic journey in the management



# DEPARTMENT OF MCA

Vision of the Department: To provide quality technical education to Software industry aspirants and to create world class software professionals

Mission of the Department:

M-1: The MCA Department aims to make its students industry ready and provide quality education with fair practice in the technical education sector

M-2: To Provide consultancy to the neighborhood and cultivate the spirit of entrepreneurship.

## ALUMNI TALK

BIST alumnus Mr. Praveen Rane, currently Director at Electra Cabs and Ranes Technologies Pvt. Ltd., returned to his alma mater on March 21st to deliver an inspiring talk for current students. The Department of MCA hosted the Alumni Talk on the same day.

Mr. Rane's talk focused on his journey from student to successful professional, highlighting the potential and opportunities BIST's academic programs provide. His insights were invaluable to current students as they navigate their own career paths.



## MCA Department Hosts Online Workshop on Design, Critical, and Innovation Thinking



The Department of Master of Computer Applications (MCA) at BIST organized an insightful online workshop on Design, Critical, and Innovation Thinking on December 11, 2023. The workshop, held in collaboration with the Institute's Innovation Council (IIC), aimed to equip participants with the essential skills to approach problem-solving and design thinking in a creative and effective manner. The session was led by Dr. Apoorva Joshi, a renowned resource person from NIET, Greater Noida. Dr. Joshi brought her extensive experience in the field to bear, delving into various aspects of design thinking, highlighting the challenges and complexities involved in the process.

## A 4-Day long Coding Marathon for MCA students

Students from the Master of Computer Applications (MCA) program at BIST, recently embarked on a journey into the world of web development with a four-day workshop organized and conducted by The Coding Thinker. Held from December 6th to 9th, 2023, the workshop saw eager participants gather in the computer lab each morning at 10:40 am, ready to dive into the fundamentals of coding.

Day one laid the groundwork, providing students with a clear understanding of web development concepts. They learned essential languages of HTML and CSS, learning how to structure web pages and style them with flair. The introduction to Bootstrap opened their eyes to the possibilities of responsive design, laying the foundation for dynamic and accessible websites.

Armed with their newfound knowledge, the students transformed from theoretical learners to practical builders, on day 2. The resource person, acting as a patient guide, answered questions, solved doubts, and helped troubleshoot any errors that arose throughout the four days.





Dr. Karuna Nidhi Pandagre as a Member of the Advisory Committee ICTBIG 2023

## SPORTS SCOREBOARD

- Nodal Intercollegiate Hockey Tournament 2023 organized by BIST on 2nd Nov. BIST team was the winner and LNCT was the runner-up team.
- BGI Bhopal coordinated the RGPV State Hockey Tournament at Sagar, where a team from Sagar won the tournament. 2 students from BGI got selected for the nationals.
- 6 Students from BGI got selected for State RGPV Hockey Team, namely, Himanshu Kumar (CSE 6th sem), Manish Singh (MCA 1st sem), Ayush Singh (CSE 6th sem), Harshvardhan Rathore (CSE 3rd sem), Raj Parmar (CSE 3rd sem)
- Himanshu Baraskar from 1st semester IT branch got selected for RGPV State Volleyball team.
- Ragini Ahirwar from 3rd semester EC branch, gold medalist of Nodal intercollegiate Boxing championship got selected for RGPV State team.



## Celebrated DYNAMO



## बीजीआई में आईपीआर पर वर्कशॉप आयोजित



**भोपाल।** बंसल ग्रुप ऑफ इंस्टीट्यूट्स बीजीआई के कोकता आनंद नगर स्थित इंजीनियरिंग महाविद्यालय बंसल इंस्टीट्यूट ऑफ साइंस एंड टेक्नोलॉजी में मध्य प्रदेश विज्ञान और प्रौद्योगिकी परिषद की अत्पडडी स्क्रीम के अंतर्गत आईपीआर वर्कशॉप का समापन हुआ। इस आयोजन का उद्देश्य शिक्षकों को इनलेक्चुअल प्रॉपर्टी राइट्स एव कॉपीराइट के महत्व से अवगत कराना था। इस वर्कशॉप में मैनिट तथा पीरसएससीआईवी भोपाल से अलग-अलग विशेषज्ञों ने इनलेक्चुअल प्रॉपर्टी राइट्स एव कॉपीराइट की सुरक्षा एव सवधानियों तथा उनसे संबंधित प्रक्रियाओं पर प्रकाश डाला गया। समापन कार्यक्रम में बीआईएसटी दिनेशक डा. दामोदर तिवारी एव बीसीपी निदेशक डा सतीश नायक मौजूद रहे। डा. अनूप प्रताप सिंह, डा. पियूष कुमार जैन, प्रो. कल्पना सवान एवं प्रो. अमन मालवीय इस आयोजन के संयोजक थे।

## बीजीआई में विज्ञान उत्सव का आयोजन

**भोपाल।** बंसल ग्रुप ऑफ इंस्टीट्यूट्स बीजीआई के कोकता स्थित इंजीनियरिंग महाविद्यालय बंसल इंस्टीट्यूट्स ऑफ साइंस एंड टेक्नोलॉजी में राष्ट्रीय विज्ञान दिवस पर विज्ञान उत्सव का आयोजन किया गया। राष्ट्रीय विज्ञान दिवस की इस सात का विषय विकसित भारत के लिए स्वदेशी तकनीकों पर केंद्रित था। जिसके लिए महाविद्यालय में प्रोजेक्ट

एवजविशन, पोस्टर प्रेजेंटेशन और व्याख्यानों का आयोजन किया गया। यह आयोजन बंसल समूह के रूह-सचिव डा. संजय जैन एव बीआईएसटी निदेशक डा. दामोदर तिवारी के मार्गदर्शन में किया गया। विज्ञान उत्सव का शुभारंभ डा. संजय जैन द्वारा किया गया। इस मौके पर 29 से ज्यादा प्रोजेक्ट व 20 पोस्टर रजिस्टर हुए। यह कार्यक्रम एनसीएसटीसी, डीएसटी नई दिल्ली एव मप्र कौंसिल ऑफ साइंस एंड टेक्नोलॉजी भोपाल द्वारा समर्थित था। बुधवार को राष्ट्रीय विज्ञान दिवस के अवसर पर विज्ञान अर्धारित व्याख्यानों का आयोजन किया गया। कार्यक्रम का समन्वयक डा. अनूप प्रताप सिंह, डा. पियूष कुमार जैन, प्रो. स्वाति सिन्हा रहे। इस चरण का शुभारंभ डा. दामोदर तिवारी द्वारा किया गया। इस मौके पर वक्ता के रूप में डा. गौरव द्विवेदी, सहस्यक प्राध्यापक मैनिट भोपाल मौजूद रहे। अन्य वक्ताओं में डा. टिकैद्र नाच वर्मा, सह प्राध्यापक मैनिट भोपाल थे।



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