



BANSAL GROUP OF INSTITUTES, BGI Bhopal NEWSLETTER

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VOL : 16

Aug-Oct 2024 Edition

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GARBA NIGHT AT BGI

A FEST OF DEVOTION, DANCE, MUSIC, FUN & FOOD



The BGI family celebrated the spirit of Navratri on October 21, 2023, with a night of Garba dancing. The event was held on the BGI campus and was attended by staff and students alike.

The event was a huge success, with everyone coming together to enjoy the music, dancing, and festive atmosphere. The Cultural Club of BGI put on a spectacular show, with beautiful decorations and traditional Garba music.

Staff and students danced the night away, dressed in their finest traditional attire. The energy in the room was electric, and everyone had a wonderful time celebrating Navratri.

The event was a testament to the diversity and vibrancy of the BGI community, and it was a heartwarming sight to see everyone coming together to celebrate their culture.

The Cultural Club of BGI deserves special praise for organizing such a successful event. The club put in a lot of hard work and dedication, and it showed. The event was well-planned and executed, and it was a joy to attend. The BGI Garba dance was a reminder of the importance of community and culture. It was a night of fun, laughter, and celebration, and it will be cherished for years to come.



Upskilling
the
Future

SWAWLAMBI BHARAT ABHIYAN

A MISSION TO MAKE THE YOUTH SELF-RELIANT

BIST, Bhopal in association with SwadeshiJagranManch, held an enlightening seminar on “Aatm-Nirbhar Bharat” on 10th August 2023, which emphasized on the self employment, start-ups and entrepreneurship. The eminent guest and speaker of the session was ShriSatish Kumar ji, National Co-Organizer, SwadeshiJagranManch. He guided the students on how they can be self dependent and why is it the demand of the hour. He motivated the students to be passionate, hard working, reliable, techno savvy, risk taker and inspired them to earn while they learn. He ignited them to think new, think big and think out of the box. He also persuaded them to be Job providers rather than Job seekers and encouraged them to opt for products that are made in India and avoid foreign goods. It was an absolute eye opening and beneficial session for today’s youth who is struggling for the jobs.

PLANTATION DRIVE BY BANSALITES

MISSION MERILIFE – ONE STUDENT, ONE TREE



The members of NSS & NCC wings of the institute initiated a green campaign through tree plantation on 11th August 2023. Students along with the dignitaries of BGI planted plant saplings at various places in the KOKTA campus. The presence and involvement of honorable Joint Secretary Dr. Sanjay Jain sir and Director BIRTS Dr. Manish Manoria Sir added more power to this green initiative.

#WEAREBGI

MUSICAL ACTIVITY FOR STAFF MEMBERS

A PERFECT BREAK FROM A REGULAR ROUTINE



To celebrate and embrace the monsoon spirit, the faculties and staff of BIST, along with the respected director Dr. Damodar Tiwari, engaged in the enchanting musical activity, “SURMAI SAWAN”. The event generated charming and rejuvenating vibes in the air, and everyone got refreshed amidst the daily official work. Staff members were divided in two teams and an entertaining competition was held on the day. The winning team was awarded by the director of the institute.

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77TH INDEPENDENCE DAY CELEBRATION AT KOKTA CAMPUS INTO THAT HEAVEN OF FREEDOM – LET MY COUNTRY AWAKE



15th August 2023, marked the 77th Anniversary of India's independence. The celebration of our independence at Bansal Group of Institutions was epic and filled with pure patriotic vibes. Honorable Chairman of BGI, Shri Anil Bansal hoisted the flag at BGI, Kokta campus and his wife Mrs. Parul Bansal embellished the occasion with her presence. All the directors of BGI kokta campus along with respected Joint Secretary of BGI, Dr. Sanjay Jain paid tribute to the nation's Independence Day.

Students of NCC and NSS marched rhythmically on the drum beats and saluted the tricolor, thereafter tiny toddlers of Sushila Devi Bansal School performed adroitly on the patriotic songs. Entire environment was immersed into patriotism and the event was a remarkable one.

MATDATA JAGRUKTA PROGRAM HELD AT BGI MINDFUL VOTERS MAKE POWERFUL NATION



The members of NSS organized a Voter Awareness program on 25th August 2023 in the BIST Auditorium. Mr. Ashish Singh, Collector & District Magistrate, Bhopal graced the event as a chief guest. The other distinguished guests of the event were Mr. Rituraj (Upper collector, Bhopal), Mr. Ritesh Sharma and Mr. Sandeep Kumar. Honorable Joint Secretary, Dr. Sanjay Jain, presented mementos to all guests. As most of our students would be going to cast their votes for the first time, the session was very informative for them.

TEACHERS' DAY CELEBRATION

GRATITUDE PROGRAM ORGANIZED ON TEACHER'S DAY



On September 5, 2023, BIST celebrated Teachers' Day, one of the most important days in the field of education. The institute organized a small program to impart the value of gratitude among students and to pay tribute to late Dr. H.B. Khurasia, former Group Director, BGI. The program featured a variety of performances by students, such as songs, dances, and poems. The performances were all themed around gratitude, and they expressed the students' appreciation for their teachers. The highlight of the program was a special tribute to late Dr. H.B. Khurasia. Dr. Khurasia was an inspiration to generations of students and faculty at BGI. He was a visionary leader who played a key role in the growth and development of the institute.

The Teachers' Day celebration at BIST was a heartwarming event that celebrated the contributions of teachers to society. The tribute to late Dr. H.B. Khurasia was a fitting reminder of his legacy and his impact on the lives of countless students and faculty members.

SMART INDIA HACKATHON FOR SMARTER GENERATION



The Bansal Institute of Science and Technology (BIST) in Bhopal organized a two-day internal hackathon from 27th September to 29th September. The event saw 42 teams from different departments present their ideas on problems related to Medical, Agriculture, Heritage &, Rural Development, Smart Education, Disaster Management, etc.

On the first day of the hackathon, the judges assessed the students' approach and provided feedback. On the second day, the students implemented the judges' suggestions and presented their final projects. The team with the best project was nominated for the Smart India Hackathon-2023, a national competition that challenges students to solve real-world problems using technology.

Dr. Sanjay Jain, Joint Secretary, BGI and Dr. DamodarTiwari, Director of BIST, congratulated the students for their participation and enthusiasm. The BIST Internal Hackathon proved to be a testament to the institute's commitment to fostering innovation and creativity among its students. The event provided students with the opportunity to learn new skills, work on real-world problems, and collaborate with their peers. The institute's nomination for the Smart India Hackathon-2023 is a matter of great pride and shows the potential of BIST students to make a difference in the world.

ACADEMIC AWAKENING: 'DEEKSHARAMBH'

A JOURNEY TO SCHOLARLY EXCELLENCE



The long-anticipated five-day initiation rite for our neophyte matriculates, christened "Deeksharambh," unfurled from September 11th to September 15th. Several events and sessions were held during these 6 days of "Deeksharambh". These carefully orchestrated events were intricately designed to ensure that each freshman is enveloped by a welcoming embrace, oriented comprehensively, and fortified with the confidence to ardently seize the academic adventure that lies ahead. The potency of "Deeksharambh" lies in its innate capacity to engender connections. Freshmen are not merely endowed with academic sagacity but are also vigorously exhorted to cultivate fraternal bonds with their peers. Through ice-breaking sessions, collaborative enterprises, and culturally enriching activities, fledgling scholars initiate enduring companionships, embarking collectively on a voyage of personal evolution and exploration.

Our institution's stewardship left no stone unturned in conferring a nurturing ecosystem. Throughout the "Deeksharambh" odyssey, students were introduced to the copious repository of institutional resources, including bibliotheca, laboratories, and extracurricular guilds. They were also apprised of the comprehensive gamut of student support services, catering to both scholastic and personal exigencies. As we eagerly anticipate the forthcoming academic year, we acknowledge that the sagacity imbibed and the bonds forged during "Deeksharambh" shall stand as the bedrock for the prospective triumphs and individual growth of our nascent scholars.

ENGLISH CLUB AT BIST BHOPAL HOLDS INVESTITURE CEREMONY



The English Club at BIST Bhopal held its investiture ceremony on September 15, 2023, to mark the beginning of its new academic session and to welcome its new council members. The ceremony was held in the gracious presence of Dr. Sanjay Jain, Joint Secretary, BGI, and Dr. Damodar Tiwari, Director, BIST.

The English Club was established on September 8, 2022, with the motive of enhancing the English language skills of students and providing them with an environment to develop their language. The club organizes a variety of events and activities throughout the year, such as debates, extempore speeches, poetry recitation competitions, and creative writing competitions.

Dr. Sanjay Jain, in his address, congratulated the new council members and urged them to work hard to uphold the values of the club. He also emphasized the importance of the English language in today's world and encouraged the students to make the most of the opportunities offered by the English Club. The ex president of the club administered the oath of office to the new council members. The students pledged to work diligently to promote the English language and to create a supportive and inclusive environment for all club members.

The investiture ceremony of the English Club was a successful event that marked the beginning of a new era for the club. The English Club is a valuable addition to the BIST community, and it is providing students with an opportunity to learn and grow in a fun and supportive environment.



CREATIVE WORKSHOPS ORGANIZED BY WASTE TO WONDER CLUB CLAY MODELING & DANDIYA STICKS MAKING WORKSHOP



The BGI Waste to Wonder Club, a new club at BIST that aims to promote sustainability and creativity through waste management, started its first club activity on September 29, 2023, with a workshop on clay idol making. The workshop was held with the blessings of Lord Ganesh, and it was a huge success.

The workshop was open to all students at campus, and it was a great opportunity for students to learn about clay idol making and to express their creativity. At the end of the workshop, the students displayed their clay idols in a gallery. The idols were judged by a panel of experts, and the winners were awarded prizes.

Another workshop was held on 13th October, which focused on designing and selling the dandiya sticks. All the students of the campus participated enthusiastically and were happy to earn profits on their self made dandiya sticks. The BGI Waste to Wonder Club is a great example of how students at BIST are coming together to make a difference in the world.



GRAND INAUGURAL AND INVESTITURE CEREMONY OF VARIOUS CLUBS AT BIST



BIST held its annual Club Investiture Ceremony on October 14, 2023, in the gracious presence of Dr. Sanjay Jain, Joint Secretary, BGI, and Dr. Damodar Tiwari, Director, BIST. The students pledged to work diligently to promote the values of their clubs and to create a supportive and inclusive environment for all club members.

The ceremony also included the distribution of badges to the new club presidents and vice presidents, as well as the distribution of badges to the class representatives of the first year students. The gathering was also briefed about the upcoming club activities and roles and responsibilities of club members and class representatives.

A total of 13 clubs were inaugurated at the ceremony, namely:

EDC Club

Sports Club

Innovation Club

Coding Club

IPR Club

Waste to Wonder Club

GDSC Club

Cultural Club

Digital Club

Urja Club

Automation Club

English Club

Discipline Club

The investiture ceremony was a successful event that marked the beginning of a new academic year for the BIST clubs. The presidents, vice presidents, and CRs are all enthusiastic and committed to working hard to make their respective clubs a success. The BIST clubs play an important role in providing students with opportunities to develop their skills and talents, and the investiture ceremony is a reminder of the importance of clubs in the institute.

STUDENTS LEARNED ABOUT THE ETHICS OF GROUP DISCUSSION



BIST conducted a workshop on the Ethics of Group Discussion for students of the 3rd and 5th semesters on October 10, 2023. The workshop was led by Prof. Toshiba KohliKhare, the institute's communication skills trainer. The workshop covered a variety of topics, including the importance of ethics in group discussion, common ethical dilemmas that arise in group discussions, and strategies for resolving these dilemmas in a fair and ethical manner. Prof. Khare also discussed the importance of active listening, respectful communication, and open-mindedness in group discussions. She emphasized the need for all participants to contribute to the discussion and to value the opinions of others. The workshop was well-received by the students, who found it to be informative and insightful.

MEGA TRAINING DRIVES AT BIST



#WEAREBGI

With the motive of student development, Bansal Institute of Science & Technology conducted a 7 days training program, from 7th August to 14th August 2023, for the students of 3rd and 5th Semesters of all the branches. CSE & IT Departments trained the students on C, C++ and oops.

The department of Electrical and Electronics Engineering conducted the training for 5th Semester students at MPMKVVCL and for the 3rd semester on the topic Electrical motor rewinding and house wiring. The 7 days training program was well-sounded and proved to be beneficial for students, as they learned and developed various technical skills for their upcoming career.

RESEARCH PUBLICATIONS



Dr, Rashmi Singh published a book titled "COMPUTER ARCHITECTURE"; published by STL Academy in 2023.



Dr. Rashmi Singh has published a Book Chapter titled "AI enabled Internet of Medical Things in Healthcare" in the Handbook on " Heterogeneous Computational Intelligence in Internet of Things" by CRC Press, Taylor & Francis Group, U.K. in OCT 2023.



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 gave training on various topics of engineering, management, environment and many more under these NPTEL courses.



Elite
NPTEL Online Certification
 Awarded by the IITs, IISc, IITM

This certificate is awarded to
DR MANISHA SONDEL
 for successfully completing the course

Effective Engineering Teaching in Practice

with a consolidated score of **88 %**

Online Assignments | 14.74/16 | Proctored Exam | 73.74/84

Total number of candidates certified in this course: 302

2nd Aug 2023
 12 week course

Indian Institute of Technology Madras

Elite
NPTEL Online Certification
 Awarded by the IITs, IISc, IITM

This certificate is awarded to
JYOTSNA SARTHA
 for successfully completing the course

**Advanced Linear Continuous Control Systems Applications
 With Matlab Programming and Simulink**

with a consolidated score of **77 %**

Online Assignments | 18.00/20 | Proctored Exam | 63/82

Total number of candidates certified in this course: 101

2nd Sep 2023
 12 week course

Indian Institute of Technology Madras

Elite
NPTEL Online Certification
 Awarded by the IITs, IISc, IITM

This certificate is awarded to
MEENA SHANKAR
 for successfully completing the course

Teaching and Learning in General Programs: TALE

with a consolidated score of **82 %**

Online Assignments | 18.43/20 | Proctored Exam | 63/76

Total number of candidates certified in this course: 428

2nd Aug 2023
 12 week course

Indian Institute of Science Bangalore

Elite
NPTEL Online Certification
 Awarded by the IITs, IISc, IITM

This certificate is awarded to
DR NEELAMMA SANKAR
 for successfully completing the course

Teaching and Learning in General Programs: TALE

with a consolidated score of **85 %**

Online Assignments | 18.00/20 | Proctored Exam | 66/78

Total number of candidates certified in this course: 479

2nd Aug 2023
 12 week course

Indian Institute of Science Bangalore

Elite
NPTEL Online Certification
 Awarded by the IITs, IISc, IITM

This certificate is awarded to
SHRUTHI SHANKAR
 for successfully completing the course

Teaching and Learning in General Programs: TALE

with a consolidated score of **88 %**

Online Assignments | 14.00/16 | Proctored Exam | 76/86

Total number of candidates certified in this course: 439

2nd Aug 2023
 12 week course

Indian Institute of Science Bangalore

Elite
NPTEL Online Certification
 Awarded by the IITs, IISc, IITM

This certificate is awarded to
UJWAIN SACHIN
 for successfully completing the course

Digital Circuits

with a consolidated score of **88 %**

Online Assignments | 14.00/16 | Proctored Exam | 74/84

Total number of candidates certified in this course: 2428

2nd Oct 2023
 12 week course

Indian Institute of Technology Madras

Elite
NPTEL Online Certification
 Awarded by the IITs, IISc, IITM

This certificate is awarded to
DR MEDHANA DUBEY
 for successfully completing the course

Effective Engineering Teaching in Practice

with a consolidated score of **78 %**

Online Assignments | 21.6/24 | Proctored Exam | 54.4/70

Total number of candidates certified in this course: 308

2nd Feb 2023
 12 week course

Indian Institute of Technology Madras

Elite
NPTEL Online Certification
 Awarded by the IITs, IISc, IITM

This certificate is awarded to
DR MANISHA SONDEL
 for successfully completing the course

Teaching and Learning in General Programs: TALE

with a consolidated score of **80 %**

Online Assignments | 18.00/20 | Proctored Exam | 61.00/76

Total number of candidates certified in this course: 428

2nd Aug 2023
 12 week course

Indian Institute of Science Bangalore

STUDENTS' CONTRIBUTION

NPTEL Online Certification
 Awarded by the IITs, IISc, IITM

This certificate is awarded to
ANUSHKA ANANDHARAN
 for successfully completing the course

Advanced Machining Processes

with a consolidated score of **85 %**

Online Assignments | 16.88/20 | Proctored Exam | 68/79

Total number of candidates certified in this course: 786

Aug-Oct 2023
 12 week course

Indian Institute of Technology Madras

NPTEL Online Certification
 Awarded by the IITs, IISc, IITM

This certificate is awarded to
ANANDHARAN ANUSHKA
 for successfully completing the course

Theory of Production Processes

with a consolidated score of **48 %**

Online Assignments | 11.12/15 | Proctored Exam | 36/75

Total number of candidates certified in this course: 54

2nd Oct 2023
 12 week course

Indian Institute of Technology Madras

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.

BIST ELECTRICAL ENGINEERING DEPARTMENT PARTNERS WITH SHAKTISTELLER ENERGY SOLUTIONS IN LANDMARK MOU

The Department of Electrical and Electronics Engineering at BIST, Bhopal, has signed a pioneering Memorandum of Understanding (MoU) on August 15, 2023 with Shaktisteller Energy Solutions Pvt. Ltd., a leading company specializing in Solar Rooftop, Electric Vehicles, Solar Street Lights, and Bio-Gas Projects. This landmark collaboration opens a world of opportunities for BIST students, providing them with invaluable hands-on



INDUSTRY VISIT AT CENTRAL POWER RESEARCH INSTITUTE (CPRI), BHOPAL



On October 9, 2023, a group of Electrical and Electronics Engineering students from BIST, Bhopal, visited the Central Power Research Institute (CPRI) in Bhopal. The visit was organized by the Department of Electrical and Electronics Engineering as part of its efforts to provide students with hands-on experience and exposure to the latest developments in the power industry. CPRI is a premier national research institute dedicated to the development and application of electrical power engineering technologies. It is also a leading authority on the testing and certification of power equipment. During their visit, the students were given a guided tour of the CPRI facilities, including the high-voltage laboratory, the switchgear testing laboratory, the transformer testing laboratory, and the cable testing laboratory. They also had the opportunity to witness live demonstrations of various types of power equipment testing.

The visit to CPRI was a valuable learning experience for the students. It gave them a firsthand look at the latest technologies and developments in the power industry. It also helped them to understand the importance of testing and certification in ensuring the quality and safety of power equipment. experience, coveted internships, and unparalleled exposure to state-of-the-art technologies in these emerging fields.



INDUSTRY VISIT AT TESLA TRANSFORMER GLOBAL, BHOPAL

The Electrical and Electronics Engineering students of BIST visited Tesla Transformer Global in Govindpura, Bhopal on October 28, 2023. The visit was a valuable learning experience for the students. It gave them a better understanding of the electrical power industry and the role of transformers in it. Students also gained insights into the latest technologies used in transformer manufacturing. The students were very impressed with the facility and the staff. They were particularly interested in learning about the latest technologies used in transformer design and manufacturing. We would like to thank Tesla Transformer Global for hosting our students. experience, coveted internships, and unparalleled exposure to state-of-the-art technologies in these emerging fields.



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.

GDSC @ BGI – A CLUB TO FACILITATE DEVELOPERS



The "Google Developer Student Club" has been established at Bansal Institute of Science & Technology, Kota, Bhopal for which our 5th-semester student from the Computer Science & Engineering branch, Mr. Anuj Raghuvanshi has been selected as a Lead, by Google. The inaugural ceremony of the club was held on 25th August 2023 in the gracious presence of Honorable Joint Secretary Dr. Sanjay Jain and Director BIST Dr. Damodar Tiwari along with the heads of the departments. A coding competition was also held, by the coding club on this occasion. experience, coveted internships, and unparalleled exposure to state-of-the-art technologies in these emerging fields.

MEMORY BOOSTER DOSE GIVEN TO STUDENTS



The Department of Computer Science and Engineering, BIST, organized a seminar on "Boost Your Memory Power and Conquer Those Competitive Exams!" on September 29, 2023. The seminar was aimed at helping students improve their memory and concentration skills, as well as learn effective strategies for preparing for competitive exams.

The seminar was conducted by Mr. Jitendra Tiwari, National Memory Record Holder, Limca Books of Records. Mr. Tiwari discussed a variety of topics, including the different types of memory, how to improve memory retention, and effective study strategies. He also provided students with specific tips and techniques for preparing for common competitive exams, such as the GRE, GMAT, and CAT. The seminar was well-attended by students from all departments of BIST.

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.

Insightful session on research skills

The department of Information Technology organized a webinar on the topic, "Systematic Approach for Publishing Research Paper Indexing and Citation", on 5th August 2023 through Google Meet. The speaker for the session was Dr. A.V. Senthil Kumar, Director (Dept. of MCA), Hindusthan College of Arts & Science, Coimbatore. The session focused on enhancing the research skills and was immensely beneficial for all the attendees.



SCIENCE & FREEDOM – AN EXPERT LECTURE



The Department of Information Technology, conducted a brilliant seminar on the topic, "SCIENCE & FREEDOM", on 17th August 2023. The expert for the session was Prof. Vipin Kumar Tripathi, a plasma physicist and a peace activist from India. Educated from IIT Delhi and also served there for several years, Prof. Tripathi has an enormous experience of more than 5 decades. From unraveling mysteries to pushing boundaries, it was a captivating and well-informed session.

MEGA SCIENCE AND TECHNOLOGY EXPO

(Project by 7th semester student displayed)



A team of IT 7th semester students from the Department of Information Technology at BIST have developed a hands-free mobile media control application called Eyes Player, which was selected for the 10th Mega Science and Technology Expo (Vigyan Mela) held from September 15 to 18, 2023.

The project, developed by Dhiraj Mathankar (0112IT201013), Bharati Katre (0112IT201010), and Diksha Deshmukh (0112IT201014), utilizes a powerful technology stack, combining Java for the backend and XML for the frontend, to offer a robust, user-friendly, and energy-efficient mobile media control application for Android devices.

The Eyes Player team is excited to present their innovative application at the 10th Mega Science and Technology Expo. They believe that Eyes Player has the potential to revolutionize the way we interact with our mobile devices, making the media consumption experience more accessible, user-friendly, and sustainable.

STUDENTS OF IT 3RD SEMESTER VISIT MEGA SCIENCE AND TECHNOLOGY EXPO



A group of IT 3rd semester students from BIST, visited the 10th Mega Science and Technology Expo (VigyanMela) on September 16, 2023. The expo, which was held from September 15 to 18, 2023, showcased a wide range of innovative projects and technologies from students and researchers across Madhya Pradesh. The students' visit to the 10th Mega Science and Technology Expo was a valuable learning experience that helped them to broaden their horizons and explore new possibilities in their field of study. They were inspired by the ingenuity and creativity of the young innovators they met, and they returned to their college with renewed motivation to pursue their own academic and professional goals.





The IT department organized an insightful workshop on Machine Learning, from 26th to 31st October 2023. Mr. Shailesh Mishra, Machine Learning expert at Coding Thinker was expert speaker for the workshop. The sessions were attended by students from 1st, 3rd, and 5th semesters. Students delved into the realms of machine learning, AI. The expert talked about emerging technologies, uncovering their vast market scope and real-world applications, and how and why data is said to be the fuel of the future.

Day 2 of the Workshop, uncovered the machine learning-Python Connection, data science processes, emphasized the link between data science and machine learning, introduced Python fundamentals, had Hands-on experience on Visual Studio Code, and got familiar with some extensions to work with.

Day 3 of Machine Learning Workshop was action-packed. Students learned about Python Conditionals, how to use if-else statements in Python to make decisions in code based on specific conditions. Jupyter Notebook, a fantastic tool for data science, which allows us to write code, visualizes data, and documents our work all in one place was also taught in the session. Students explored the Pandas library, which is essential for data manipulation. They learned how to create Data Frames, load data from different sources, and perform basic data operations.

On October 31, 2023, the final day of the Machine Learning Workshop marked a significant milestone in the journey. The accomplishments were validated by ShriFal, and a shawl presentation was given by the Head of the IT Department, Dr. Rashmi Singh. On this concluding day, the students successfully deployed and tested the Movie Recommendation Machine Learning Model. This practical experience gave students a taste of the fascinating possibilities and achievements that machine learning offers. Furthermore, the students uploaded their project to their GitHub accounts for wider visibility and learning, and later discussed its further applications, demonstrating how ML can be used to solve day-to-day life problems.

DEPARTMENT OF ELECTRONICS AND 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.

INDUSTRIAL VISIT



The students of 3rd & 5th sem from the Department of Electronics and Communications Engineering have visited CRISP Bhopal on 11 October 2023. Around 40 students have visited the place and get aware about PLC automation. The students were properly guided and the queries were resolved by the faculties of CRISP.

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.

VISHWAKARMA JAYANTI CELEBRATED WITH DEVOTION & TALENT



The Department of Mechanical Engineering at BIST celebrated Vishwakarma Jayanti, the auspicious day dedicated to Lord Vishwakarma, the architect and engineer of the gods, with fervor and devotion on September 17, 2023. The event held at BIST Mechanical workshop was a vibrant display of student talent and dedication. The celebration commenced with a traditional puja performed by students themselves. Following the puja the students enthralled the audience with melodious bhajans accompanied by tabla played by students, showcasing their hidden musical talents.

STUDENTS EMBARK ON THE INTERNSHIPS TO HONE THEIR SKILLS

The Department of Mechanical Engineering at BIST held exciting internship programs for its third and fifth semester students from 7th to 14th of August 2023, providing them with valuable practical experience and helping them develop essential professional skills.



Third semester students participated in an internship focused on the "Application of Instrumentation to develop professional skills".



Fifth semester students embarked on an internship program titled "Strategy based diagnosis of automobile engine". These internship programs provided students with crucial practical experience outside the classroom.



DEPARTMENT OF BASIC SCIENCE

Dr. Manisha Sonel of the Department of Basic Science has participated in Five Days FDP program on "Multi Attribute Fuzzy Time Series Based on Adaptive Expectation" held at VIT Bhopal.



Dr. Manisha Sonel of the Department of Basic Science has participated in Five Days FDP program on "Use of ICT Tools in Teaching Learning Process" held at Maharaja Bhoj Govt. P.G. College, Dhar (M.P.)



Dr. Neha Khare of the Department of Basic Science has participated in Five Days National FDP program on "Frontier Research in Electrical Engineering (FREE-2023)" held at Haldiya Institute of Technology.



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

DISHA -2023 (21 AUGUST, 2023)

The Department of Master of Business Administration at BGI conducted a one day orientation programme for the students of third semester of MBA with a focus of providing latest industry trends and insights in order to enable them to decide their specialization subjects and pave the path for their future. The primary aim of this programme was to provide a brief framework of all the streams and specializations that they can choose and the infinite career opportunities related to it. The students were inspired by the valuable information provided to them and aided them to make a wise and thoughtful decision regarding their future course of actions.



PRARAMBH -2023 (27-29 SEPTEMBER, 2023)



With the onset of Autumn, the Department of Master of Business Administration at BGI conducted an Orientation Programme "PRARAMBH" for the induction of newly enrolled students in the course of MBA. This three-day programme was conducted with the aim to provide all the necessary information to the students regarding the course, curriculum and other essential chores and make them familiar with the proceedings. After the ceremonial inauguration of PRARAMBH-2023, day 1 marked a series of cultural events and intellectual events in order to provide a mundane environment to the students and provide valuable guidance to the students for their journey ahead. Moreover, the students were made aware of the various proceedings and affairs of the institution and provided them with a brief introduction of the same.

On Day-2, various dignitaries from various fields were invited to enlighten the newly enrolled students. To begin with, a yoga session was conducted by profound trainers Dr. Shailza Pandit and Mrs. Achla Agewekar. The students understood the value of discipline and consistency in life to achieve greater heights. Furthermore, Dharmendra Krishna Das (Monk, ISKCON temple) and Deendayal Hari Das (Monk, ISKCON temple) were invited to give valuable information on how moral and human values play a pivotal role in designing and shaping the future of the students.

The Cultural visit on day-3 started with a spark and enthusiasm amongst the students. All the newly enrolled students were taken to the M.P. Tribal Museum to make them aware about the culture of our state. Cultural activities are non-academic pursuits that provide students a diverse platform to learn and explore their interests and hidden talents. The students took home a bag full of memories and learnings before the commencement of their regular classes.

SATURDAY ACTIVITY (14 OCTOBER, 2023)

The Department of MBA at BGI is primarily focussed on imparting advanced knowledge on management curriculum and skills by adapting and imparting application based pedagogy and establishing an environment of academic excellence. In lieu of the aforesaid, various outbound management activities were conducted for the students with the basic aim of providing practical insights to empower their team spirit, effective listening and efficient coordination.

Moreover, after gaining valuable insights, the students interacted with industry expert Mr. Ashish Srivastava, who has a wide experience in the field of finance and management and provided students with some valuable information with respect to personal finance and its importance in our daily lives. It was a bucket full of knowledge, exposure and experience that students carried home with a hope of a bright future ahead.



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.

THE ONSET OF NEW ACADEMIC SESSION WITH PRARAMBH



MCA Department organized a two-day orientation programme for the newly admitted students. The objective of this "Prarambh" programme was to introduce the students to the academic traditions, ethos and academic culture of the college as well as to its various activities and facilities. Several activities were organized for the students at the event to make it a memorable one. Dr. Damodar Tiwari, Director BIST inaugurated the programme and welcomed the new students in the college campus. He motivated them to learn and achieve their goals.

EDUCATIONAL VISIT



65 students of MCA department along with 3 faculty members visited the tribal museum for Educational Visit. This visit was to make students understand the ways of life practiced by the seven major tribes through their crafts in the state of M.P. i.e. the Gond, Bhil, Korku, Baiga, Sahariya, Kol and Bhariya. The students were also sensitized about the houses made up of mud, bamboo, dung, hay, grass also portraying the essentials such as agricultural tools, earthenware used by the tribal.

ABOUT BGI



Vision: To create an inclusive environment that promotes skills and intellect to contribute to the amalgamation of nation-building and personal development.

Mission: The primary purpose is to provide an ambiance conducive to learning and empowering skilled intellectuals to establish themselves and be socially responsible.

PLACEMENT HIGHLIGHTS



BANSAL INSTITUTE OF SCIENCE & TECHNOLOGY

Think Placement
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THE BEST PLACE FOR THE NEXT MOMENT

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14.50 LPA

Microsoft

with package
42 LACS

consultadd

with package
12 LPA

ValueLabs

with package
27 LACS
Cumulative for 3 years

Health

with package
12 LPA

Walmart

with package
23.39 LACS

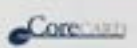
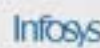
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