



MANDSAUR
UNIVERSITY
MAKING FUTURE READY!

muBUZZ

Vol. 2 | Issue 12

NEWSLETTER OF MANDSAUR UNIVERSITY

December 2021



**PROJECT EXHIBITION
FOR UG, PG STUDENTS,
AND FACULTY MEMBERS**

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VISION

Harness the power of education to play a transformational role in the development of the nation. To nurture intellectual capital with a vision and purpose to create leaders of change.



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MISSION

Emerge as a leading centre of academic excellence, involving research and consultancy while adopting innovative strategies of industry integration to create value-driven, responsible and future-ready professionals, entrepreneurs and innovators.



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GOALS

To unleash full human potential by offering cutting-edge and comprehensive learning programs.

To promote a culture of innovation and contribute to the creation of new knowledge.

To create opportunities for industry - academia collaboration.

To facilitate industry readiness and knowledge application for effective contribution in the development of our nation.

To provide opportunities for entrepreneurship.



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OUR LEADERS



**SHRI NARENDRA
NAHATA**

Chancellor
Mandsaur University

Shri Narendra Nahata has been designated as the Chancellor of Mandsaur University. He was a Cabinet Minister for 10 years in the Government of Madhya Pradesh and held portfolios of Commerce and Industries, Technical Education and Manpower Planning, Rural Industries, Commercial Taxes and represented Manasa assembly constituency. He is credited to have transformed technical education of the state. He is the founder of BR Nahata Smriti Sansthan.

B.R. Nahata Smriti Sansthan has made Mandsaur its hometown, hub of professional education wherein more than 4000 students are studying.

It's his firm belief that education is one of the most crucial components of human resource development having potential for adding value to products and services, thereby improving the quality of life of people. The efforts so far have been very supportive for the recent phenomenal growth and the Socio-economic and Human Development of the nation.

He is also the founder of Smriti Nagrik Sahakari Bank, which is one of the best and biggest Urban Cooperative Banks of Madhya Pradesh.

A widely traveled person, having visited more than 20 countries. Narendra Nahata was invited by the British Government for higher education in UK. He was invited by the Government of Germany to study institutions run by them in countries of South Asia.



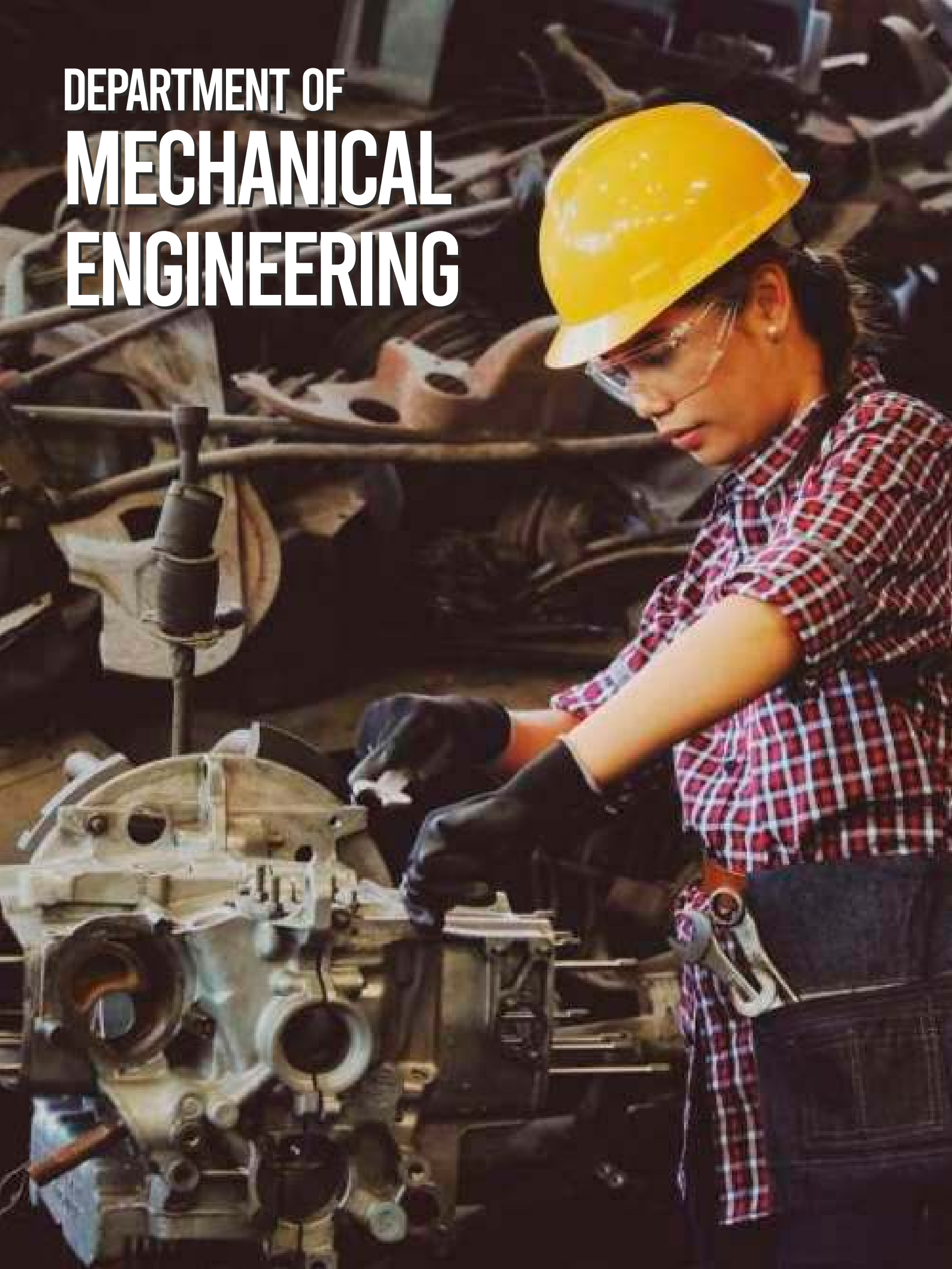
MR. RAHUL NAHATA

B.E., MBA, FLMI
Executive Chairman
Mandsaur University

Mr. Rahul Nahata is a visionary and dynamic professional chieftain to serve as the Executive Chairman of Mandsaur University. He has a strategic vision and leadership quality for developing interdisciplinary education across the university. He received the United States of America Presidential award in 1992. He has a prior experience of working with renowned companies like Tata Consultancy Services and Vikram Ispat. He has stint with several organizations in various countries like U.S.A, Thailand, Hong Kong, Singapore and Germany.

He has an exemplary vision towards education to mould youngsters into Millennium Leaders not only in Technological and Scientific fields but also to nurture and strengthen the innate goodness and humane nature in them.

DEPARTMENT OF **MECHANICAL ENGINEERING**



Student Scientific Seminar on UN Sustainable Developmental Goals

An international Student Scientific Seminar was organized in association with Lomonosov Moscow University, Moscow, Russia. In this seminar, students from Mandsaur University, Lomonosov Moscow University, Birmingham University, and the University of Geneva presented their observations on sustainable development goal -10.

The session was started by Dr. Ravi Kumar Sangewar, HOD, Department of Mechanical Engineering, Mandsaur University. In his opening briefing, he told about the timeline on MOU with the UNESCO Chair at Lomonosov Moscow State University. He briefly told about the activities that happened earlier and the Future planned activities under this MOU.



From Mandsaur University, Ms.Rithika Jain talked on "Inequalities in Information Technology and Health care in the emerging world.", where she put forward her observations on how economic inequality is affecting the lives of people in this pandemic, especially how some children as well as teacher, had to climb a tree or hill, to access the internet and underwent the hardships. She also showed how gender plays a big role, in internet accessibility in the Indian sub-continent. She presented data on the difference in vaccine accessibility, depending on the economic condition of a nation. Soumyabrata Bhattacharjee, presented his observation, on how the economy is playing a big role in-migration of people. He showed how because of economic prosperity, urban areas are witnessing more influx of migrants from rural areas, all over the world. He presented data on how people are migrating at the regional level, national level, and international level, because of economic inequality in different regions. He also presented evidence on how a country has been able to bring back its brightest minds from abroad, by giving better earning opportunities and how such activity may prosper the country further.

From Lomonosov Moscow State University, Alexandre Aurelien Valette, talked about the application of sustainable development goal -10, from the perspective of France. In the presentation, it was mentioned what are the difficulties that France is facing in the implication of sustainable development goal -10 and how it is overcoming those challenges. While Steffen Habberstad Lundebj presented the execution of sustainable development goal -10, from a Norwegian perspective. In the presentation, supporting data was presented, on what are the different measures that Norway is taking in the implication of sustainable development goal -10, how Norway provides foreign aid, to reduce economic inequality, and how gender equality is maintained at a high standard in Norway.

In the conclusion of this program, there was a panel discussion, on gender equality and then the seminar ended with a vote of thanks by MsYulia Dementieva from Lomonosov Moscow University. Dr. Ravi Kumar Sangewar supervised the students from Mandsaur University, in preparing their presentations. Mr. Pawan Bhawsar looked after the logistics of the event.

DEPARTMENT OF LIFE SCIENCE



Brief Information and Future Prospects about Pharmaceutical Industry



The Faculty of Life Sciences, Mandsaur University had organized a guest lecture on "Brief Information and Future Prospects about Pharmaceutical Industry" for the UG and PG students on 11 December 2021. The main objective of the adjunct lecture was to bridge the gap between industry needs and student present status. Prof. (Dr.) Arunava Das, Dean, and Head of Faculty of Life Sciences formally welcomed and introduced the guest to the participants. During the lecture, Mr. Vaibhav Kikani, who has been working in the pharma field for the last 13 years emphasized the need for Pharmaceutical Industry and students should have exposure to current best practices by updating themselves as much as possible. Mr. Vaibhav Kikani also talked about the various domain of the pharmaceutical industry, where Life science graduates would get placed. The event concluded successfully with a vote of thanks by Prof. (Dr.) Arunava Das, Dean, and Head, Faculty of Life Sciences.



IPR and IPP; Plant Breeders Rights; Bio-safety guidelines; Patenting of biological product-turmeric, Basmati rice, Neem; Bioethics



The Faculty of Life Sciences, Mandsaur University had organized an adjunct lecture on IPR and IPP Plant Breeders Rights; Bio-safety guidelines; Patenting of biological product-turmeric, Basmati rice, Neem; Bioethics for the students on 11 December 2021. The main objective of the adjunct lecture was to enlighten the attendee about intellectual property rights and intellectual property protection including Plant Breeders Rights; Bio-safety guidelines; Patenting of the biological product. Prof. (Dr.) Arunava Das, Dean, and Head of Faculty of Life Sciences formally welcomed and introduced the guest to the participants. During the lecture, Dr. Jayant Kumar Patra thoroughly discussed various aspects of the origin and protection of individual IPR, in detail. Dr. Jayant Kumar Patra also talked about the difference between intellectual property protection (IPP) and intellectual property rights (IPR). The event concluded successfully with a vote of thanks by Dr. Shekhar Jain, Associate Professor, and Faculty of Life Sciences.



Introduction to Science Communication

The Faculty of Life Sciences, Mandsaur University had organized a guest lecture on Introduction to Science Communication for the UG and PG students of Life Sciences on 18 December 2021. The main objective of the guest lecture was to elaborate the terms related to Science Communication, types of Science Communication, and career Possibilities & Tentative Road Map. Prof. (Dr.) Arunava Das, Dean, and Head of Faculty of Life Sciences formally welcomed and introduced the guest to the participants. During the lecture, Dr. Parvathi JR emphasized the scope of Science Journalist/ Editor (Media House), Science communicator (Freelance/ Journals/ organization), Press Information Officer (Institute/Organization/ Company), Press release of product/process/news, Research accomplishments on website/Research Newsletter, Policy Programme officer, Science content writer (Blogs/Edutech/Companies/Multimedia), Curate Information, Story/documentary piece, Subject Matter Expert, Science author, Books to promote science. The event concluded successfully with a vote of thanks by Dr. Mohammad Irfan Ali, Faculty of Life Sciences.



Project Exhibition for UG, PG students, and faculty members

Faculty of Life Sciences had organized a project exhibition on 14th December 2021. In which various projects done by the current and previous year students were displayed and presented along with their project report. The event begins with the welcoming of our chief guests Hon'ble Vice-Chancellor Sir Brig (Dr.) Bharat Singh Rawat and Dr. Shailendra Sharma, DOAA, Mandsaur University by Prof. (Dr.) Arunava Das, Dean & Head, Faculty of Life Sciences, Mandsaur University. The exhibition included stalls showing organic fertilizers, papaya drinking straw, herbal soap, Bio-extracts, etc. Students explained their projects using posters, charts, models, PowerPoint, etc. This exhibition was done to explore the previous research projects of the students so that they can be carried forwarded. In the end, our chief guest appreciated the efforts of students and faculty and gave their valuable suggestions. The Program was coordinated by Dr. Shekhar Jain, Associate Professor, and Mr. Kuldeep Patidar, Assistant Professor, and assisted by all the faculty members of the Faculty of Life Sciences. The exhibition concluded successfully with a vote of thanks by Dr. Shekhar Jain.

Bioremediation of heavy metals

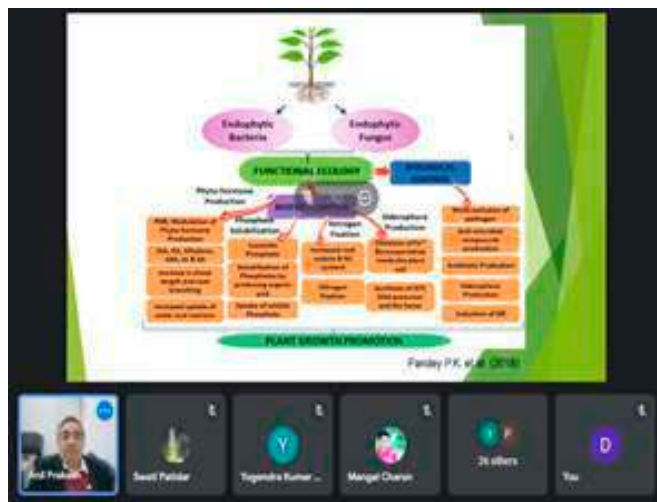


The Faculty of Life Sciences, Mandsaur University had organized an adjunct lecture on "Bioremediation of heavy metals" for the UG students on 2 December 2021. The main objective of the adjunct lecture was to enlighten the attendee about microbial bioremediation of heavy metals. Prof. (Dr.) Arunava Das, Dean, and Head of Faculty of Life Sciences formally welcomed and introduced the guest to the participants. During the lecture, Prof. Pramod W. Ramteke thoroughly discussed how fertilizers influence hydrocarbon biodegradation. He also talked about various indicators used to detect hydrocarbon pollution. The event concluded successfully with a vote of thanks by Dr. Mohammad Irfan Ali, Associate Professor, and Faculty of Life Sciences.



Plant Microbial Interaction

The Faculty of Life Sciences, Mandsaur University had organized an adjunct lecture on "Plant Microbial Interaction" for the students on 1 December 2021. The main objective of the adjunct lecture was to enlighten the attendee about various types of plant microbial interaction. Prof. (Dr.) Arunava Das, Dean, and Head of Faculty of Life Sciences formally welcomed and introduced the guest to the participants. During the lecture, Prof. Anil Prakash thoroughly discussed various aspects of functional ecology. He also talked about the functional contribution of plant microbiota. The event concluded successfully with a vote of thanks by Dr. Mohammad Irfan Ali, Associate Professor, and Faculty of Life Sciences.





Workplace Culture and Innovation

Faculty of Life Sciences had organized a Guest Lecture on "Workplace Culture and Innovation" under the banner 'Leader of the Week' on 9.12.2021. The speaker of the event was Mr. Ashish Mittal, Group - CHRO, Sreenidhi Educational Group, Hyderabad, India. The main objective of the program was to make students and faculty members aware of the workplace culture and innovation in the Life Science corporate world. Prof. (Dr.) Arunava Das, Dean, and Head of, Faculty of Life Sciences welcomed the guest. During the lecture, Mr. Ashish Mittal thoroughly discussed workplace culture, ideal qualities of employees, and current innovation in the HR policies in the corporate world. Dr. Ashish Warghane, Associate Professor, Faculty of Life Sciences introduced the speaker and delivered the vote of thanks.



Online Gaming Should Be Banned?

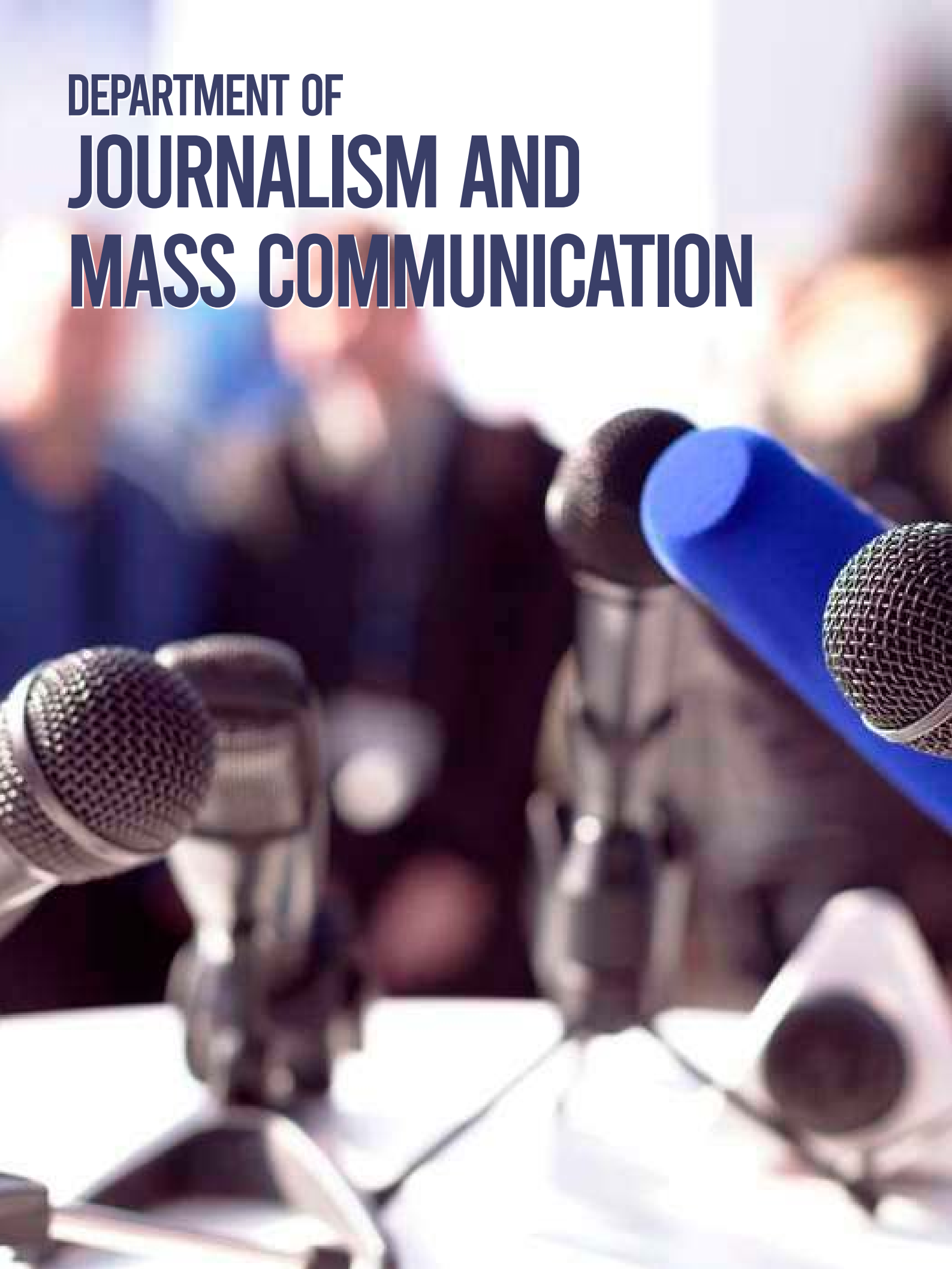
Online gaming is the most common way these days to kill time when waiting. With advanced technology and visual representations, these games help to enhance the learning skills of children. However, the harmful effects of these games cannot be ignored.

Faculty of Life Sciences had organized a debate competition on "Online Gaming Should Be Banned?" The program was organized to provide a platform for students to share their knowledge, express views, and increase their awareness about the pros and cons of online gaming. The competition aimed to hone the public speaking skills of the students and teach them to articulate while expressing their thoughts and opinions. Points presented were accepted by the spectators with cheers and claps. Arguments were made and proved. The judgment was based on confidence, relevance, and fluency. The first position was bagged by Mr. Deepak Prajapat, B.Sc. (Hons) Biotechnology I SEM. The second and third position was secured by Ms. Aakriti Patidar, B.Sc. (Hons) Biotechnology, and Mr. Pratik Sharma B.Sc. (Hons) Microbiology I Sem respectively.

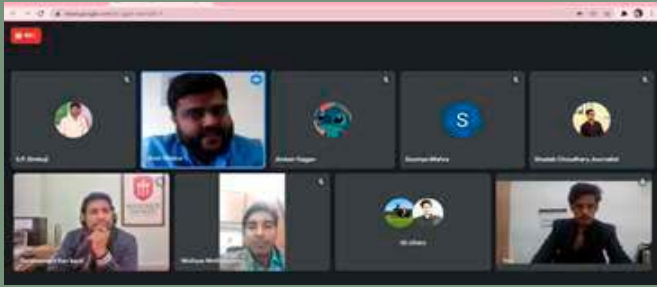
The program was coordinated by Ms. Heena Shah, Assistant Professor, Faculty of Life Science, Mandsaur University and assisted by Ms. Khushi Bhattad and Ms. Ruchika Makwana, students of B.Sc (Hons.) Biotechnology I Sem. Prof. (Dr.) Arunava Das, Dean & Head Life Sciences congratulated the participants.



DEPARTMENT OF **JOURNALISM AND MASS COMMUNICATION**



Changing patterns of News presentation on Digital Media



Department of Journalism and Mass Communication, Mandsaur University organized a webinar on 13 December 2021 on "Changing Patterns of News Presentation on Digital Media". Mr. Amit Mishra, Editor-in-chief, Vindhya Times was present as the keynote speaker. Also, Dr. Tarakeshwara Rao Ippili, HoD. Dept. of Journalism and Mass Communication delivered a lecture as the guest speaker of the program. The webinar aimed to introduce students to the methods of news presentation in digital media.

The program was started by Mr. Arun Jaiswal, Assistant Professor, Department of Mass Communication, with the introduction of Digital Media/New Media. Mr. Amit Mishra, who was present as the keynote speaker in the program, said that starting a channel on a digital platform is easy as well as challenging. How the pattern of presenting news on Digital Platform differs from that of Print or Television media. Today the reach of digital media is increasing day by day in India, in such a situation journalists should work responsibly on digital media as well. At the same time, he also told that the government has imposed strict rules on digital media, due to which the quality of news is likely to be good. After this, Dr. Tarakeshwara Rao Ippili, who was present as a guest speaker, spoke about the current scenario of News presentation in Digital Media. At the end of the program, Mr. Arun Jaiswal thanked all the guests and participants. During the session, all the faculty members & students of the mass communication department, participants from all over the country were attended. A total of more than 150 participants had registered for this program and over 100 attended.



Field Reporting Techniques

Department of Journalism and Mass Communication, Mandsaur University has organized a workshop on "Field Reporting Techniques" and to share his expertise Mr. Arun Jaiswal (Assistant professor, DJMC) was there as a Trainer. During this session, the students learned about the basics of TV reporting, camcorder operation, camera shots, and camera movement, etc.

During this session, the students covered a program regarding health check-ups and a campaign organized by the Department of Ayurveda, Mandsaur University. The students also covered various programs and events in Mandsaur city.



DEPARTMENT OF TOURISM AND HOSPITALITY MANAGEMENT



Heritage cum Adventure Tourism Camp in Rajasthan

The Department of Tourism and Hospitality Management of Mandsaur University organized a Tour to Rajasthan from 06th to 10th December 2021. Students have prepared 05 days itinerary to Rajasthan which includes destinations like Kumbhalgarh, Jodhpur, Jaisalmer, Pokhran, Indo-Pak border & Sum.

Day 01: We have started from Mandsaur early morning at 5 AM and reached Kumbhalgarh by noon. We have checked in the hotel and visited the historical Kumbhalgarh Fort which is known as the “undefeated fort” and also famous for the second-longest wall in the world after The Great Wall of China. In the evening we had a campfire and DJ night. Overnight stay at hotel.

Day 02: Early morning we had started our journey towards Jodhpur which is known as the blue city. On the route, we even visited Bullet baba temple which is known that one that comes to the aid of troubled travelers. We reached Jodhpur by afternoon and visited the majestic Jodhpur fort where we have learned the history of Rathore, their lifestyle, roots, style of architecture, etc., Students have gone back in the timeline and experienced the rich heritage of the Rajasthan. Umaid Bhavan is another fantastic palace that is now under the Taj group and visitors are allowed between 9 AM-5 PM (365 days). The Palace is divided into three functional parts – the residence of the royal family, a luxury Taj Palace Hotel, and a museum focusing on the 20th-century history of the Jodhpur Royal Family. we had an overnight journey to Jaisalmer and check-in the hotel and took for the rest of the night.

Day 03: We have started at 9 AM a full day heritage walk in the Jaisalmer city which includes Jaisalmer Fort, Patwa Haveli, Maharaja Palace, and Gadisar Lake. It was a new experience for students to watch how a whole city was set up in the fort during those days. Evening time is free for shopping and free activities. After a long tiring day overnight stay at the hotel.

Day 04: We had an early wake-up and after breakfast transfer (9 AM) to Thar Desert camp at Sam Village. Now it is time to enjoy the real dunes with some adventure activities like Camel Safari, Desert Safari, ride on ATV's, etc., at evening after the adventure activities we had to move to back the resort and enjoyed the cultural program (Live Folk, Kalbelia Dance) with a Rajasthani Gala dinner. Overnight stay at the swiss tent in Sam dunes.

Day05: We had to check out the hotel after breakfast (9 AM) and visit the Tannotmaata temple and then Longewala (The last point of the Indo-Pak border). Students have experienced how the army is struggling there for our safety and by seeing the museum they understood how the Indian Army fought bravely during the 1971 war. We then proceed to Ramdevra which is in Pokhran, a famous pilgrimage site of Rajasthan. Kuldahara is also a place known as the haunted village of Rajasthan where people of the village disappeared overnight.



DEPARTMENT OF EDUCATION



Towards Preparing Effective Teachers

Department of Education, Mandsaur University organized a Guest Lecture on "Towards Preparing Effective Teachers" on 14th December 2021 from 11:00 AM to 1:00 PM in LT-2 Auditorium. For the guest lecture, an eminent and well-known speaker Professor Shamim Ahmad, Department of education, Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh was invited. The lecture was attended by 70 students and 8 Faculty members of the Education Department.

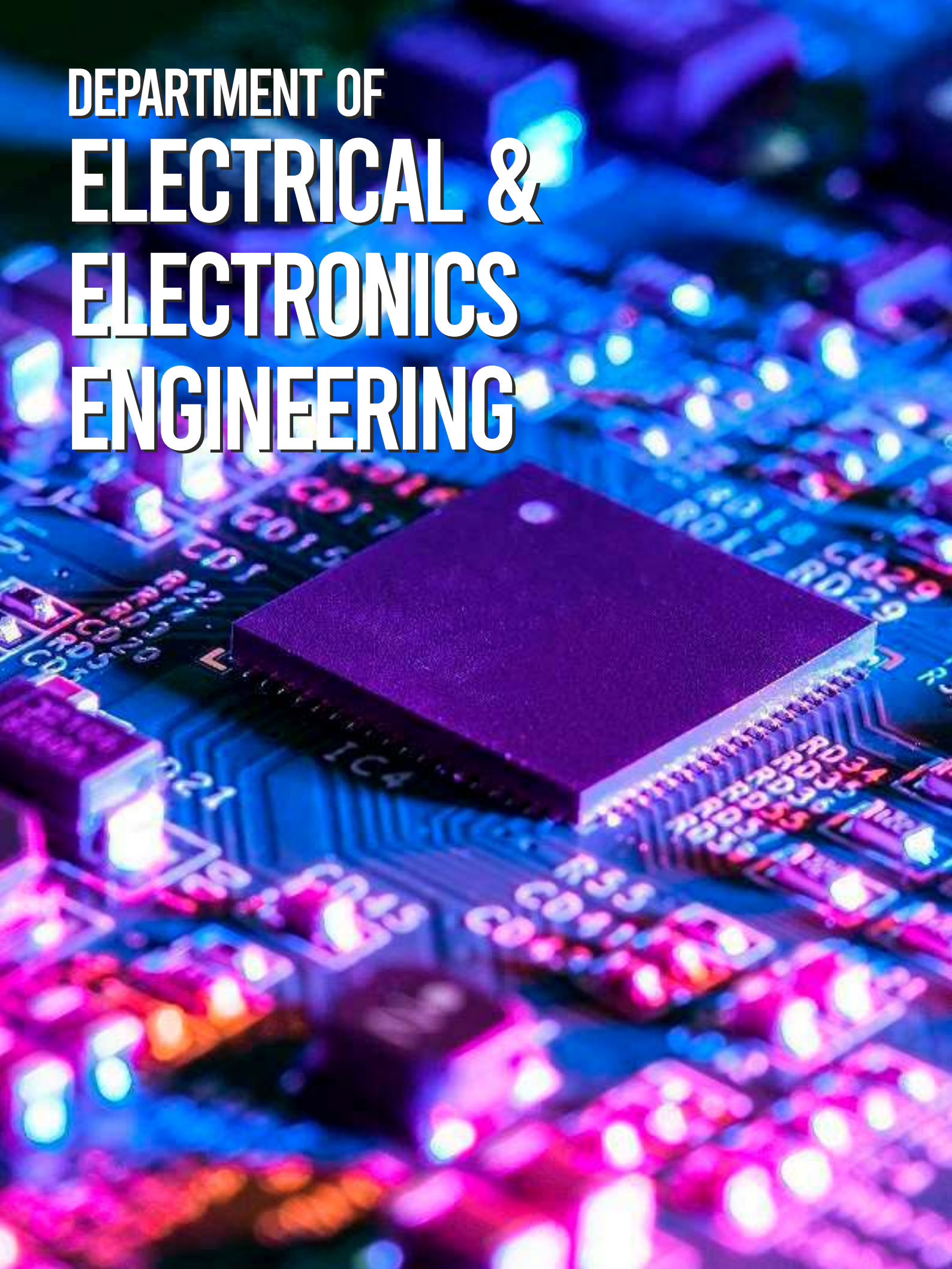
The main objective of the session was to acquaint the prospective teachers with the minute details of effective teaching. The guest speaker Professor Shamim Ahmad having 20 years of rich teaching experience, focused on how to be an effective teacher. He told students that for an effective teacher one has to be Positive, Prepared, Organized, Clear,

Active, Patient, and Fair. Later he shed light on the professionalism of teacher education. He also criticized the current education system. He said that it is an illness of our education system that teachers are teaching and students are memorizing the material provided by teachers only for exam preparation and not for the all-around development. In the last, he provided some suggestions to teachers as well as students to improve the quality of education. Lastly, the speaker opened the questions and answer session.

The session was very interactive and students participated enthusiastically. In the last of the program vote of thanks was given by Mr. Bharat Upadhyay, Assistant Professor of dept. of education.



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Industrial Visit at 132 kV Substation

With an object to go beyond academics, Electrical & Electronics Engineering Department of Mandsaur University, Mandsaur had organized an industrial visit to 132 kV Substation, Mandsaur on 11th December 2021. Total 30 students and 3 faculties from the department visited the Substation. The purpose of this Industrial visit was to provide an excellent opportunity for all the students to interact and know more about the industrial environment. The intention was to help the students to create a practical perspective on the World of Electrical Engineering.

Mr. M. L. Chandrawat, In-charge Substation, explained the full working cycle of the Substation. Students visited several sections (Grid, Control rooms, Transformers, Bus-bars, CT, PT, Circuit Breakers, Relays, Incoming and outgoing supply system, Capacitor Bank, Wave Trap, etc.) and other necessary instruments in the power plant. It was an informative, interesting, and successful industrial visit for the students of Engineering and Diploma courses.



House Wiring and Motor Winding

Department of Electrical and Electronics Engineering had organized a workshop on "House wiring and Motor winding" for 1st-year Diploma and B.Tech students. The objective of this workshop was to acquaint students with the steps required for the implementation of different types of house wiring. Also to acquaint them with the winding arrangement of a permanent capacitor induction motor. The workshop had two phases.

The first phase was started with an introduction, followed by a theoretical explanation about the different types of house wiring with the help of related diagrams and an explanation of winding arrangement diagrams and steps required to prepare it.

In the second phase, students did hands-on practice on different house wiring and prepared the winding of the motor.



Workshop on Microprocessor & Microcontroller

The Department of Electrical and Electronics Engineering organized a one-day workshop on "Microprocessor & Microcontroller" for B. Tech V semester students on 8 December 2021 at Machine lab. The main objective of the workshop is to prepare students for the programming language of microprocessor (8086) and microcontroller (8051) IC on Emulator and Keil software. They also got an insight into how processors and controllers work with very high frequencies and understand the importance of interfacing with microprocessors and microcontrollers.



Mock Interview-II

Department of Electrical and Electronics Engineering organized an activity "Mock-Interview-II" for B. Tech & Diploma final year students on 27 November 2021 via offline mode. The main aim of the mock interview activity is to boost up confidence for upcoming placement drives. It is a platform, for students to practice their interview and resume writing under guidance. The mock interview questions are general interview-type questions along with technical questions to groom confidence. The students are given immediate verbal and written feedback from faculty members regarding their interview performance and their professional dress.



DEPARTMENT OF AGRICULTURE SCIENCES



Project Exhibition

(Rural Agriculture Work Experience and Experiential Learning Program)



Faculty of Agriculture Sciences had organized the Project Exhibition of RAWE and ELP which is the student industry-ready program of B. Sc (Hons.) Agriculture on December 13th, 2021. The RAWE is a Rural Agriculture Work Experience in which students have to undergo in his/her 7th semester. Students are attached with Farmers, Krishi Vigyan Kendra, Agriculture research station, and Agro industries. In the 8th semester students have to opt for the Experiential learning Program which is bifurcated into 9 different modules. In each module, students get to learn the hands-on experience which helps them to develop their skills in Agriculture sciences. All the activities carried out in the past two years under RAWE and ELP program were presented in the form of Posters, models and reports, etc. The event was started with a welcome to the chief guest Brig. (Dr.) Bharat Singh Rawat, the Vice-Chancellor, Dr. Shailendra Sharma (Dean, Academic Affairs), and Col. Anand Kumar (Dean Administration) by HOD Dr. Sanjay Singh, Faculty of Agriculture Sciences.

A brief introduction of RAWE And ELP was given by Mr. Prashant Sinoriya (Asst. Prof), Coordinator RAWE and ELP, and all the activities conducted under different modules i.e. Seed production technology, Mushroom cultivation, Food processing technology, Commercial horticulture, Production of biofertilizer and Biocontrol agents, Organic pest management and Organic farming were presented by Dr. Sheshnath Mishra (Asst. Prof.), Mr. Shahanwaw Mansuri (M.Sc. Agronomy Student), Ms. Shushmita Mandal (Asst. Prof.), Dr. Mainu Hazarika (Asst. Prof.), Mr. Hemant Kumar Verma (Asst. Prof.), Mr. Tushar Nakade (Asst. Prof.), Mr. Rahul Patidar (Asst. Prof.), respectively to the dignitaries. Along with this, some students created herbarium sheets and extension folders and leaflets were also displayed. In the end Brig. (Dr.) Bharat Singh Rawat, the Vice-Chancellor, addressed the faculty members and conveyed his words of appreciation for all the efforts taken up by faculty members and students. All the dignitaries encouraged faculty members for working with more innovative projects in the future and for getting more and more publications as well along with their valuable guidance. The overall project exhibition was coordinated by Dr. Vaishali Wankhade (Assistant Professor), Dr. Syed Afrayeem (Assistant Professor), and Ms. Sushmita Mandal (Assistant Professor) with the joint support of all the faculty members. The Project exhibition was concluded by Dr. Sanjay Singh HOD Agriculture, with the vote of thanks to the dignitaries.

Celebration of World Soil Day



The Faculty of Agriculture Sciences, Mandsaur University had Celebrated World Soil Day on 6th December 2021 at Gurjarda Village (Mandsaur). The program aimed to make farmers aware of this year's theme i.e. "Halt Soil Salinisation Boost Soil Productivity". On 6th December 2021, the 3rd and 5th-semester students along with faculty members went to the Gurjarda Village (Mandsaur). After reaching the village, students and faculty members met with the Sarpanch (Mr. Meena) he welcomed the team and helps to gather the farmers of Gurjarda village. The program was started with the introduction of students to the farmers by Mr. Prasant Sinoriya and he also delivered the importance of this day. Dr. Lokesh Gour (Asst. Prof.) explained the effect of salinity in the soil and how to prevent the soil from salinization. He also explained the importance of Organic and Inorganic fertilizers and suggests to farmers that they should apply organic and inorganic fertilizers in the field to sustain soil health for a long duration. Then Mr. Tushar Nakade (Soil Scientist) and Mr. Gopal Haleccha (Soil Scientist) discussed the problems faced by the farmers in that village and suggested overcoming those problems and also made them aware of the future problems related to soil and preventive measures for it.



Celebration of National Farmer's Day

The Faculty of Agriculture Sciences, Mandsaur University had Celebrated Farmer's Day on 23rd December 2021 at Guradiya Deda village, Mandsaur. The program aimed to make farmers aware of this year's theme i.e. powering the farmers to make prosperity. On 23rd December 2021, the 1st year students along with faculty members went to Guradiya Deda Village, Mandsaur. After reaching the village, students and faculty members met with the Sarpanch (Kailash Ji) and he welcomed the team and helps to gather the farmers of the village. The program was started with the introduction of students to the farmers by Dr. Lokesh Gour and he also delivered about the importance of this day. Mr. Prashant Sinoriya who was coordinating this program and shared information on this year's theme and said if the Agricultural Sector and the farmers will be empowered, then the only nation can grow. Dr. Sheshnath Mishra (Asst. Prof.) explained that such type of program inspired us a lot and we should organize more and more such types of agricultural activity.



Mr. Hemant Verma explained the importance of Organic and Inorganic fertilizers and suggests to farmers that they should apply organic and inorganic fertilizers in the field to sustain soil health for a long duration. Many farmers shared their experiences with us and our students and faculty members were very inspired. Farmers were happy with us and they were glad to know about KISAN DIWAS. Students of the first year gave their speech, poem, poetry, and song on this occasion in front of Farmers. At the end of this program, Mr. Prashant Sinoriya gave the vote of thanks to the farmers, students, Sarpanch Ji, and all the Faculty of Agriculture Science.



Technical Visit to Gandhi Sagar Dam

The Gandhi Sagar Dam is one of the four major dams built on India's Chambal River. The students got the opportunity to meet Engineer Dilip who explained the working procedure of Dam's Gate. The dam supports a 115-MW hydroelectric power station at its toe, with five 23-MW generating units each providing a total energy generation of about 564 GWh.



The purpose of the visit was to make students familiar with the experience of fieldwork and to get practical knowledge of directing water through dams, distribution of water, and hydroelectric power generation. Students of the civil branch will get the idea of dams and their purposes. Students will also get familiar with the catchment area, hydraulic gates, and level of water, wing wall, and body wall.



DEPARTMENT OF CIVIL ENGINEERING



Technical visit at Water Treatment Plant 157.85 MLD capacity Ramghat

The technical visit has its importance in the career of a student who is pursuing a professional degree". In this regard, the Department of Civil Engineering conducted a Technical visit for Diploma v sem and B.Tech VII sem students on, 5th December 2021 at Water Treatment Plant Ramghat" Mandsaur. The main reason behind the visit, it lets students know things practically through interaction, working methods, and employment practices. Moreover, it gives exposure from an academic point of view. The main aim of the industrial visit is to provide exposure to students about practical working environment Conditions. Visit was to highlight the importance of the quality of drinking water in our daily life.



The Water Treatment Plant is Executed by CMR Infrastructure. The Resource person was Mr. Sohanlal Mali (Sr. Chemist) at Water Treatment Plant Ramghat" Mandsaur and Dr. D. K. Sharma(Prof.), Mr. Rajpal Singh Songara, Ms.Vaibhavee Choubey (Faculties of Civil Engineering Department). Mr. Sohanlal Mali Explained the entire procedure from Preliminary, Primary, and secondary treatment from taking raw water to treating the water to the students as well as explained the appropriate proportion of Alum and chlorine in it.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



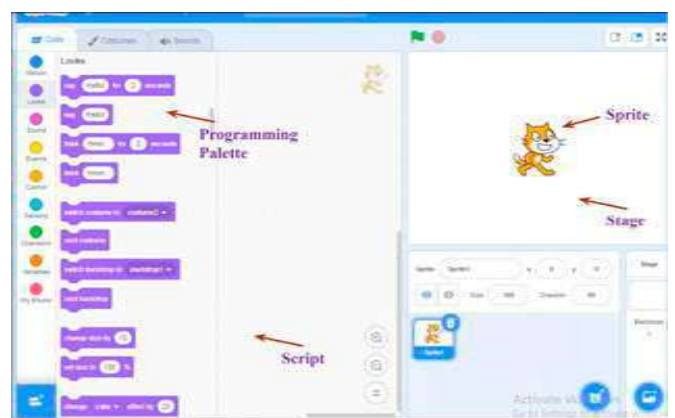
Game Development Using Scratch Programming

The Computer Science and Engineering Department conducted a workshop on game development using scratch programming. Dr. Pradeep Laxkar delivered a session about scratch programming.

Topics covered in this workshop are

1. Introduction of scratch programming.
2. Installation of scratch programming.
3. Stage, sprite, and programming palette.
4. Intro to the visual programming environment.
5. Intro to programming concepts :
 - a. Objects and Attributes
 - b. Sequence, Repetition
 - c. Conditions, Events, I/O.

A practical demo was conducted after the theory session. All students developed a game during this workshop.



Inter-Departmental Tournaments on Volleyball, Badminton & Table Tennis

The first event of the Inter-departmental tournament, Mandsaur University was conducted in two days (alternate Saturday) on 20th November & 4th December 2021 in the games of Volleyball, Badminton & Table Tennis. The results of the tournament are given below:

Sl.No.	Games & Sports	Winner	Runner's up
1.	Volleyball	Department of Physical Education (B.P.Ed)	Department of Ayurveda (BAMS)

2.	Badminton	Men Single	
		K.S. Bharadwaj (Agriculture)	Dr. Jain Joshi (BAMS)
		Men Double	
		Kapuneni Anil (Agriculture)	Mohit Soni (CA)
		Sade Sunil Kumar (Agriculture)	Harsh Shrivastava (CA)
		Women Single	
		Monika Chouhan (B.P.Ed)	Shivani Joshi (BAMS)
		Women Double	
		Aishwarya Bhairagi (B.P.Ed)	Suhani Mandliya (CSE)
		Monika Chouhan (B.P.Ed)	Shruti Sharma (CSE)

3.	Table Tennis	Men Single	
		Atharv Porwal (CSE)	Kushagra Bairagi (B.P.Ed)
		Men Double	
		Atharv Porwal (CSE)	Kushagra Bairagi (B.P.Ed)
		Sourabh Hiju (CSE)	Dasharath Patidar (B.P.Ed)
		Women Single	
		Aishwarya Bairagi (B.P.Ed)	Deepika (BAMS)
		Women Double	
		Aishwarya Bairagi (B.P.Ed)	Deepika (BAMS)
		Monika Chouhan (B.P.Ed)	Aprita (BAMS)



Expert talks on AIDS Prevention and Awareness

Mandsaur University, Mandsaur has organized an expert talk on AIDS Prevention and Awareness by Dr. Lokendra Solanki (AP, MIAER) Mandsaur on the occasion of "World AIDS Day" on 01 December 2021 under Red Ribbon Club. On this occasion, Dr. Solanki explained the main reasons for spreading the AIDS disease and how one can prevent it by awareness and precautions. Along with the highlights the theme of this year and not to differentiate AIDS victims and motivate the victims that leads them to normal life. On this occasion, a poster exhibition was also organized and 70 groups of students of various departments actively participated in it.



Promotional Program of DMC

Dramatics and Music Club of Mandsaur University have organized a musical and dance show on 7th December 2021 at Campus 2. During this, the member students showed their skills/talents. The program was started by lighting the lamp by Dr. Priyanka Soni, Associate Professor, and Department of Pharmacy.

After that, the students of the club performed a musical series one by one, in which the students of Management, Computer Application, Mass communication, Education, Engineering, Pharmacy and other departments of the university took part. After this Solo Song, Solo Dance, and Group performance were also presented.



During this event Dr. Priyanka Soni, Club In-charge Mr. Saurabh Mishra, Mr. Rahul Trivedi, Mr. Arun Kr. Jaiswal and other professors, assistant professors, and students of the university were present. At the end of the program, students enjoyed open Garba and freestyle dance, in which all the students and audiences have participated. During this, Students of the Department of Journalism and Mass Communication have covered the whole event and get interacted with the club officials and members. The above information was given by the Department of Mass Communication and Journalism of Mandsaur University.





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