MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

REPORT

OF

INDUCTION PROGRAM

On

1st YEAR STUDENTS
(B.Tech/B.Arch MCA/M.Tech)

(November 01st to 05th, 2022)

Under

Internal Quality Assurance Cell (IQAC)

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.)

(A Govt. Added UGC Autonomous and NAAC Accredited Institute, Affiliated to R.G.P.V, Bhopal)

INDUCTION PROGRAM REPORT

(1 Nov 2022 - 5 Nov 2022)

B.Tech/B.Arch

MCA/M.Tech

1st YEAR STUDENTS

Introduction

After high school, moving to college is the most anticipated phase in the life of a student. One prominent point of comparison between college life & school life that everyone would agree with is; college gives a sense of freedom to students. In school, students follow the instruction

of teachers & parents, but, in college, one likes to take charge of his/her life.Well, with freedom comes responsibility. This is the one life lesson that colleges aim to inculcate in students apart from course work. Through various training & programmes, the college administration indirectly teaches students to become responsible for their life.However, the first step that a college takes towards this is through the induction programme. Yes, the day that most students believe makes no sense. Well, it does. It is so important that the education ministry of India has made it mandatory. In this report, we will tell you all the reasons why it holds a lot of importance for a fresher.

1. Life Lessons For The Future : Induction programs usually have a session from experts who can impart life lessons. Listening to someone with experience of life can fill students with enthusiasm & energy to take-on this new step of life.

2. Add-On Information : Colleges offer a variety of additional courses that are mentioned in the brochure, but, are generally ignored by the students. During an induction program, the faculty introduces these add-on programs that students can join. These courses can include English speaking certification courses or public speaking courses as well!

3. Familiarization With Department : As a student, you will spend 2-4 years of your life as part of a specific department in the college. Getting acquainted with department heads in-advance can be very vital for students. Getting to know who the professors are, where will classes be held, at what timings, and where the laboratories are can ensure that you do not enter college at day one with a blank mind!

4. Meet Your Mates : To enter a class with friends on day one of college can be a blissful feeling. An induction program can help you meet & interact with all your batch mates and make friends.

Induction Programme Day 1

-Inaugural Day

Schedule of the day :-

DAY-01: Inaugural Day				
1 Nov 22 **11 am** **Onwards**	1	Inaugural - Ghantnaad- Shankhnaad		5 min
	2	Welcome		10 min
	3	History/Journey of MITS	Video presentation	10 min
	4	Welcome by students	Speakers Club	10 min
	5	Address by Dean (Academics)	Dr Manjaree Pandit	10 min
	6	Address by Director	Dr RK Pandit	10 min
	7	Launching of Digital Kit	Dr Smita Parte	10 min
	8	Address by Secretary, SECS	Er Ramesh Agrawal	10 min
	9	Address by Chief Guest	Sri Prashant Mehta, Member BOG	10 min
	10	*Lunch at Hostels*	*Dr M K Sagar, Chief Warden*	*1.30 to 3pm*
	11	Examination Process in institute	Dr P K Singhal, Exam Controller	15 min
	12	Scholarship and other information	Dr Pratesh Jayaswal, Registrar	15 min
	13	Discipline in the Institute	Dr R S Jadon, Proctor	15 min
	14	Cultural Activity by students clubs	Music Club, Dance Club, Comedy Club, Rashtray/Natya Manch	120 hrs

1st of November, the first day of Induction programme for the batch of 2022 was organised in MITS college campus. Students and their parents were cordially invited to attend this auspicious event.

Mr. Prashant Mehta, Member, Board of Governors, MITS, was the chief guest on the occasion. Many dignitaries including Er. Ramesh Agrawal, Secretary, Scindia Engineering College Society, Dr. R. K. Pandit, Director MITS, Dr. Manjaree Pandit, Dean Academics, Dr, R. Kansal, Dean (Student welfare) and the Heads of Departments were present in the inaugural ceremony. The event marked the presence of all the respected faculties.

The event began in a traditional way by welcoming the new batch with TILAK and showering of flowers. After this, all the students were directed to -register according to their allotted branch.

The programme then followed by Saraswati Vandana, Dr. Bhavna Rathore and Prof. Angad Ojha gave a tremendous welcome speech to encourage the students. This followed Mementos distribution to all the dignified personalities present on the stage.

After this, next in line was a presentation portraying the rich and historic culture of MITS college and describing how it evolved into a full-fledged Institution.

MITS, Gwalior was established in 1957 by His Highness Sir Jiwaji Rao Scindia, Maharaja, of the erstwhile state of Gwalior under open door policy of Govt. of India. The foundation stone of the institute was laid by the then President Dr. Rajendra Prasad, on 20th October, 1956 and the building was inaugurated by President Dr. S. Radhakrishnan on 11th December, 1964.

Next was the Speakers Club, who presented an in-depth speech about college culture, history, such a big alumni network, eco- green campus, facilities and co- curricular activities that take place in college throughout the year. They also described technological advancement and various club activities. They further briefed about Autonomy and Accreditation, Quality culture, TEQIP funding, MOODLE server and infrastructure of the institute.

At 12 PM, Bhavna Rathore ma'am welcomed Dean of academics, Dr Manjree Pandit to enlighten the students. Dr. Manjree Pandit ma'am shared the achievements of MITS which

included 2nd rank in NPTEL. She also introduced the students to the clubs of the institute, the benefits of joining them and advised the students to take part in them. The institute focuses on holistic development, knowledge,skills and attitude of students which helps them to grow more.

In continuation, she explained the overview of the flexible scheme and curriculum of undergraduate programmes and furthermore motivated the students by elaborating the various positive aspects of NEP 2020 (National Education Policy). She also enlightened students by sharing the achievement of MITS which includes 2nd Rank in NPTEL.

After Dean, Director, Dr. R. K. Pandit congratulated the students and welcomed them to the institute. He motivated the students by saying that students are the foundation of any educational institute. He also gave an example of his own experience, and said parents should track the status of students.

He further added - *The stage is now set for you all to take off !! All that is needed is to have a clear focus and a set of specific goals in your life. The institute has your back, always. Remember, it is never too late. The time is right for you to start drawing the roadmap of your life and career.*

"You can't go back and change the beginning but you can start where you are and change the ending".

My dear students, no matter what you do, where you go from here, you will always represent this great old Institution and you must do all in your power to earn goodwill and good name for your alma mater and must always try to live up to its 64-year-old grand legacy.

On behalf of the management, faculty, alumni and staff, I wish all my students all the best for all their present and future endeavours.

Considering the digital India initiative MITS also took a step ahead of providing digital kit to students which was introduced by Shri Prashant Mehta Sir. He is a Member of BOG. Digital kit is designed by Prof. Smita Patre Ma'am and her core team. A multipurpose QR code was shared to the students to access this digital kit and the kit included all the essentials at one place and any student can access this at any time anywhere in just a single click. It includes academic calendar, placement and training related information, clubs, notices and many more things.

Then Chief guest IAS Prashant Mehta Sir explained the benefits of not getting into an IIT. He also motivated students by sharing the fact that 30% of power sectors are run by MITS alumni and a large part of railways is also under MITS alumni. He also gave an innovative idea of installing a telescope in MITS campus. Dr. CS Malvi introduced the aerospace club and its last study on Jupiter. He then thanked everyone for organising and managing the whole induction program.

Then the other Chief guest Er. Ramesh Agrawal Ji welcomed students on behalf of everyone with an inspirational speech. He also thanked Dr R.K. Pandit for taking the initiative of the induction program.

At 1 pm, the first part of Day 1 of the Induction program concluded with the National Anthem. After this everyone was invited for lunch at the hostels under the supervision of Dr. M.K. Sagar (Chief Warden). The meal was delicious with various varieties including sweets. Everyone enjoyed it so well and meanwhile had a look at the hostel facilities as well.

After Lunch The Photography Club of MITS took the stage with a flabbergasting presentation showcasing the college through their shuttering lenses.

Next up the newly admitted students were made aware about the Examination Process in the Institute by Dr. P. K. Singhal (Exam Controller). He introduced the mid-sem and end-sem examinations, the conduction & SOP of examination, disciplinary action against unfair means and the registration process through the official IMS Portal of the college.

Later on in the Scholarship Session, Prof. Pratyesh Jaiswal (Registrar) briefed the students about various scholarship schemes offered by AICTE, central government and state governments such as MMVY, PMSS, Pragati scholarship, Saksham scholarship, Swanath scholarship schemes and Post Matric Scholarships. He also informed about the procedure to apply for any of these schemes as per eligibility.

Next Dr. R. S. Jadon, Proctor of the institute, welcomed the students and introduced them to the members of the Proctorial Board. Dr. Jadon informed the students about disciplinary committees of the institute and also explained the various guidelines to be followed and the steps that could invite severe punishments. He also advised the students not to indulge in acts of indiscipline and informed them about the various disciplinary actions that can be taken against the defaulters.

Cultural Activity By Students Clubs

MITS music Club got the opportunity to perform to introduce them and to welcome Freshers. In the event, The Faculty coordinator of Music Club **Prof. Harbhjan Ahirwar** also participated and started the event with his musical performance for the Freshers with the whole team of Music Club.

Then on behalf of the Whole Music club team Aryaman Awasthi of IT IOT 3rd year gave a soulful performance with the song "Zara Si Dil Mein De Jagah Tu". Then Spandita dwivedi of 2nd Year gave a sensational voice with the song "Zara Zara" and at the end Ayush Sharma of CSE 3rd Year and Tejesh Nayak of Mechanical 3rd year gave an energetic duet performance with songs "Inteha ho gayi", "Kurbaan hua" and "Ae dil hai mushkil" and concluded the music event.

The Instrumentalist of the event was **Mayank Keshari** The President of Music Club of Final

Year, **Avinash Bharadwaj** was the Guitarist of Final Year, **Tanmay Gupta** of Final year handled the Keyboards and **Dhananjay Sharma** for the Drums.

Whole event was successful and completed with good appreciation.

MITS Dance Club

There were performances on behalf of the dance club which were very energetic. The students participated actively to make this induction program successful. The following students took part.

Akash Patel[Mechanical Third Year]
Diwakar Kirar[CSE Fourth Year]
Niharika Tomar[ET Second Year]
Sujal Patil [IT Second Year]
Tanishka Shivhare[ET Second Year]
Saumya Jaiswal[ITAIR Second Year]

All the team members participated actively and enthusiastically. The induction programme was a huge success and its successful completion inspired everyone to make it even bigger in the coming year.

There were also some other solo and group performances which were performed by the students of the dance club.

Chitranshi Shrivastava of [Civil Third Year] performed a solo dance whereas another group dance was performed by Bhumika Mishra[Mechanical Third Year]

This was all about the performances which were given by the dance club and music club of MITS. These performances added the interest among the students to attend the induction programme.

SNAPSHOTS :

Day 2 - Students Club Day

The second day of **INDUCTION PROGRAM 2022** began at 11 am (2 Nov 2022) with the warm welcoming of the Guests and Students. As the name suggests *STUDENTS CLUB DAY,* this day was dedicated to all the active clubs of the institute.

Schedule of the day :-

		DAY-02: Students Club Day		
2 Nov 22 **11 am** **Onwards**	1	Students welfare: Clubs/ Student Chapter/ NSS/NCC/ Sports	Dr Rajeev Kansal, Dean Students Welfare	10 min
	2	Role of Training & Placements	TNP officer- Mr Vikram Rajput	10 min
	3	Incubation, Innovations and startups	Dr Ankit Tiwari	10 min
	4	SWAYAM/ NPTEL	Mr Praveen Bansal	10 min
	5	IMS	Dr Rajni Ranjan Singh Makwana	10 min
	6	MOODLE	Mr Atul Chauhan	10 min
	7	Girls' Grievance Cell	Dr Anshu Chaturvedi	10 min
	8	Sports	Dr BPS Bhadoria, Sports Officer	10 min
	9	Medical: Doctors and dispensary	Doctors & Dr Anjula Gaur	10 min
	10	Alumni & Industry Interaction Cell	Dr C S Malvi	10 min
	11	Student Counselling	Dr Sapna Kumari	10 min
	12	Fun activity by Holistic Club	Er Vishal Chaudhary	10 min
	13	*Food Fiesta*	*ISTE Chapter*	*60 min*
	14	Institute theme 'Work is worship'- *putting working hand impression on Wall*	Dr Bhavna Rathore	10 min
	15	Club Exhibition - performance: SAE, Drone, Rocket, Skit, - Promotions - Registrations - Activities: Creative Club, fitness Club	Club coordinators	120 min

At first Prof. Vaibhav Shivhare and Dr. Monika Bhadauriya recapped all the important info from the previous day in order to make sure that anything important for students isn't missed. Also they delivered the necessary information for the newly admitted students including the importance of participation in various events, seminars, workshops, competitions, camps etc.

Then Dr. Rajeev Kansal, Dean Student Welfare briefed about various Student chapters, NSS, NCC and their activities. He encouraged the students to join the club as per their passion and interest and learn various skills like teamwork.

By 11.30 am, Mr. Vikram Rajput (Training and Placement Officer) joined and addressed the students with his motivational lines. He advised the students to start working from day 1 to achieve the best version of themselves. He made the students aware about their relation with the alumni as well as informed them about the importance and working of the training and placement cell. Then by means of a powerpoint presentation he highlighted various skills such as graphic designing and web development through which students can enter in their desired companies. He also explained everything involved. everything involved in CV formation and motivated the students to participate in internship from the first year itself.

After this, Dr. Ankit Tiwari arrived and he elaborated what incubation is, what is its importance and its process. As we all know, Entrepreneurs everywhere are riding the wave of startups and Technology has opened the door to limitless business opportunities and ideas. He also explained about Innovations and startups and their recent trends. He further added how students from all fields are taking keen interest in startups. Meanwhile engineering students are using technology as a tool in startups, this is because technology provides an infinite supply of information and valuable insights which allow startups to better deal with their customers. Next he introduced the Start-up/Innovation/Incubation Cell of the institute whose mission is to create a self sustainable platform for all the stakeholders in and around MITS willing to unleash their potential as idea progenitor and executor. And its vision is to create a hub of opportunities and resources for the young ideators in central India.

Then comes the most interesting topic via Prof. Praveen Bansal Sir i.e. NPTEL (NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING) is a project of MHRD initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore to provide quality education to anyone interested in learning from the IITs. Students can learn any course from any discipline through their online platform known as SWAYAM and can get recognised certification as well after the successful completion.

Next Prof. Rajni Ranjan Singh Makwana who explained to us about the features and uses of IMS Portal of the institute. We can use this portal for fee submission, results, admit cards, exam forms, time-tables, schemes, syllabus and for various reports. Students' accounts on this will be created shortly and login credentials will be sent to everyone via email. He added that students will be given unique gmail accounts so that they can use it specifically for all the institute related stuff.

Then comes the introduction of the Moodle server of the institute by Mr. Atul Chauhan Sir. Apart from the website this server has a mobile application as well. Sir also explained the various features and uses of this. The moodle server can be used to submit assignments, weekly quizzes, notices, announcements and the progress in a particular semester.

After this, Dr Anshu Chaturvedi introduced everyone with GIRLS GRIEVANCE CELL (GGC) whose objective is to create an environment of gender equity in the institute and to specifically address all types of grievances of the female students of the institute, the girls grievance cell has been constituted. The members of the cell constantly interact among themselves and with the girls on the campus to look into any particular issues or problems faced by the girls and strive to take necessary action at the earliest. The idea is to create an atmosphere which is conducive to the all round development of the female students and to provide them with a platform where they can fearlessly share their all kinds of issues.

Further Dr. B.P.S. Bhadoria, Sports Officer, joined us and introduced us to the sports cell of the institute. He added that the institute propagates sporting activities, as an energy booster, since the development of mental and physical faculties is equally essential. The college has thus constituted a sports cell with guidance provided by coaches and sports persons of professional repute. The cell promotes several indoor and outdoor sports activities to keep the students physically fit and mentally alert. The institute has two badminton courts, two volley courts, one basketball court, one open gymnasium, one multipurpose ground used for cricket.

Then Dr. Anjula Gaur joined us and she told us about the medical facilities available in the institute. There are two doctors and one compounder and one staff nurse. All staff members, their dependants, all students and their dependants are entitled for consultation free of charge. All emergency medicines, I.V.fluids, and simple analgesics are provided free of cost. OPD Consultation, Dispensing of Medicines, Injections, dressings, minor surgical procedures, Day Care Facilities, Blood Sugar Testing, ECG, Vaccinations, Awareness lectures and Nebulizer are the facilities available here.

After this, Dr. C.S. Malvi introduced the Alumni and Industry Interaction Cell who aims to promote the close interaction of industry and various departments of the institute. The Cell facilitates industrial and academic training.

The objectives of this cell is -

1. To explore and identify common avenues of interaction with Industry as per the requirements of the   institution.
2. Bridging the gap between Industry and Institute.
3. Initiate and Coordinate Industry based research.
4. Initiate and coordinate consultancy service.

Then Dr. Sapna Kumari, Student counsellor, joined us and introduced us to the students counselling cell. She addressed that counselling is a method to facilitate mental and emotional well being and overall growth of the students through support and guidance for a healthy mind and body.

She helps in resolving the emotional and psychological issues of the students the Counselling Cell encourages and motivates the students to be Self Aware and deal with their issues and guides them to resolve their problems. These problems can be personal, emotional, social, family, peer, academic etc. This can be done through Individual or Group counselling to help them with academic goals, social and personality development, career goals, enhancing listening skills, empathy and interpersonal skills to have healthy relationships and focusing on overall growth of the students.

After this, "Holistic Health Club" conducted a competition for the first year students, in which the work of spreading mental physical healthy awareness was done, in which competitive questions were asked to the students and those who answered were honoured with prizes. Professor Vishal Chaudhary Sir, Faculty Coordinator of Holistic Health Club and all the committee members were present.

It was 1 pm by this and the Food Fiesta conducted by ISTE students chapter began. Meanwhile Dr. Bhavna Rathore introduced the new batch with the institute theme 'Work is worship' which reflects the importance and value of Work. This proverb explains that there is no Worship better than doing your work with optimum dedication and devotion. Eventually, what really matters is how you perform your duties but not how devotedly you Worship.

After this the club exhibition started simultaneously with the food fiesta. All the clubs along with their members were all set for Performances, Promotions, Registrations and various activities. They were introducing themselves and a lot of them had opened registrations/recruitments for the new batch. It was such an amazing atmosphere that time with future engineers all around. All the clubs were showcasing their inventions and creations to the 1st year students and they were taking great interest. After a few minutes, some crackling sound echoed in the ears of the people and within seconds it turned out to be a crowd pleaser, the sound was none other than the self- manufactured vehicle of Team Scavengers under SAE Collegiate club.

Similarly, a group was heard shouting Hurrah! They were the people from another club who arranged some games for the 1st year students. The institute has more than 60 active clubs for this session so the exhibition turned out to be a great success.

The holistic health club holds yoga sessions two or three times weekly for one and one-half hours. Members embark on seminars to discover various forms of Yoga practice, such as volunteering and group sharing. Yoga workshops are also organised.

MITS CODEWAR Coders group for MITS. Group will focus on the coding skills of students and will conduct coding competitions.
Innovation@MITS Deals with innovations, knowledge, learning, new technology and current market trends in industry for all branch groups.

Finance Club aims to inform club members about all aspects of modern day finance; and to provide them with information about the world's premier financial institutions. The Finance Club provides students insights on all aspects of international capital markets.

Waste Management Club - The MITS Waste Alliance facilitates interactions between all members of the MITS community whoareinterested in reducing waste and changing the way waste is handled.

Art Club aims to promote the appreciation and practice of visual arts at MITS. The club hopes to provide an outlet for any student or member of the MITS community to express their creativity and explore the arts with other people who share this interest. It will include Art Exhibitions, Curation, drawing, painting, study of art history & the works of other artists and work on creating art together.

Dance Club MITS - All genres of dance like hip-hop, salsa, Kathak etc. are practised and performed.

Music club MITS covers all related activities of music like singing: classical, western, rapping etc. along with instrument playing like guitar, drums and other musical items like mashups, Pop, Rock etc.

The Speakers Club - Go to various debate competitions, hone skills in the art of debating. An enriching environment for those who always think they are right.
Querencia (literary club) - The club aims to foster a love for language, enhance literary creativity and provide an avenue for self expression beyond the school curriculum.

Photography and Film Club - Promote photography and video skills among students. Foster and nourish the art of telling stories via captured moments.

ASIMOV (Robotics Club) - A community of students who derive pleasure in creating robots. Each member of this family is provided insight into mechanical, basic electronic and informatory aid besides the indispensable guidance of experienced members. Club will support and foster interest in various aspects related to robotics in particular, mechanical design through workshops and projects.

MITS Journalism Society - Report what is happening in the college. The members are outspoken critics of injustice and supporters of voices curbed. The society publishes an annual magazine that enthrals all.

FOOD FIESTA 4.0

Students of MITS Gwalior witnessed the food fest event "FOOD FIESTA 4.0" on 2nd November, 2022 at college premises during the first year Induction Program. The event was a great success in terms of a wide variety of food items and creative decoration of stalls.
There were a total of 8 stalls in the food fest. Most of the stalls were set up by newly started food ventures.

The list of the ventures is given below:

1.   Momo Adda
2.   Chai Sutta Bar
3.   Waffle Hut
4.   Yummy Sandwich
5.   Thapa Chinese wok
6.   Jai Bhawani
7.   Chicago Pizza
8.   The Road food

Collaborator:-

- Bisleri

This event helped the students to learn teamwork, collaboration and creativity. Every ISTE member worked hard for the fest. The food festival was a huge success, at the end of which both students and guests were happy and satisfied.

Snapshots:-

OUTCOME –

1. Students got to experience Gwalior's delightful food.

EVENT OVERVIEW –

- The event was conducted on 2nd November 2022, 1 pm onwards and was wrapped up by 6 pm
- A ribbon cutting ceremony was conducted to mark the start of the grand event by Dr. Manjaree Pandit.
- The event was conducted in the Stage Ground, with a staggering footfall of 1590+ .
- The registration fees for the event was free of cost as well as Entry was free of cost.

Snapshots:-

DAY-3

DEPARTMENTAL DAY

Schedule of the day :-

DAY-03: Departmental Day				
3 Nov 22 11 am Onwards	1	Department Presentation		20 min
	2	Introduction of Faculty, Staff, Students, Research Scholars		30 min
	3	Course Introduction: Credits	Head of the department (Schedule may vary as per department)	20 min
	4	Start of class announcement/Mode of Teaching		20 min
	5	Meditation /Creative/Sports/Holistic Club (any one)		30 min
	6	Lunch break		60 min
	7	Mentor-Mentee meeting		20 min
	8	Class Coordinators & Class Representatives		20 min
	9	Alumni interaction		20 min
	10	Departmental and extension activities and Clubs		120 min

Day-3 in the induction program was Departmental day in which all the students were made aware of the following :-

- The Departmental Induction program started with the Departmental Presentation.
- Introduction of the Faculty, Staff, Students, Research Scholars of respective Departments.
- Introduction of course and credits.
- Mode of Teaching.
- A Motivational session was organised comprising meditation/creativity.
- After the lunch break a mentor-mentee meeting was held To bridge the gap between the faculty members and students and provide guidance on the academic and professional development matters.
- Discussed the various responsibilities of Class Coordinator and the Class Representative.
- Alumni interacted with students, shared their experience, and job opportunities.
- Departmental and extension activities and Clubs.

The detailed report of departmental days is shown ahead according to each department

Mechanical Engineering Department

Report of Induction Program-2022

Reference No. :   **Date:**
07/11/2022

Subject- Report on the Induction Program-2022 in Mechanical Engineering Department

As per order no. 70 dated 28/10/2022, Two-day Induction Programme for newly admitted students of department from I year (Mechanical and Automobile Engineering Students) was scheduled on 03/11/2022 and 04/11/2022 from 11:00 AM to 05:30 PM**.**

The programme details are as follows;

Venue: Seminar Hall II,
No. of students
participated DAY-3
(03-11-2022) : 55
DAY-4 (04-11-2022): 56

Full schedule of the Programme is given in the following Table-

S. NO.	Points to be cover	Activities	Mode/ Tools	Time 11:00 Am onwards	Addressed by Faculty
			DAY-3 (03-11-2022)		
	Department Presentation	Cover salient features of the department		11:00am - 11:20am 20 min	Dr. Surendra Kumar Chaurasia Mr.Neeraj Mishra
	Introduction of Faculty, Staff, Students, Research Scholars	Faculty, Staff, alumni and students		11:20am - 11:50am 30 min	Dr.M.K.Gaur Mr.Sharad Agrawal
3.	Course Introduction: Credits	Discuss credit scheme of department		11:50pm - 12:20pm 30 min	Mr.Vedansh Chaturvedi
4.	Start of class announcement/ Mode of Teaching	Tools used for taking classes/format/time-table/Clip of previously held class	PPT Presentation	12:20pm - 12:40pm 20 min	Dr.Amit Aherwar Dr. Nitin Upadhyay

5.	Meditation /Creative/Sports/ Holistic Club (any one)	Encourage to participate in sports,meditation and activities		12:40pm - 13:10pm 30 min	Dr. Surendra Kumar Chaurasia Dr.Ravi Kant Ranjan
6.		Lunch break		13:10 pm-14:10 pm 60 min	
7.	Mentor-Mentee meeting	To bridge the gap between the faculty members and students and provide guidance on the academic and professi onal development matters.		14:10pm - 14:30pm 20min	Mr.Sharad Agrawal Dr. Nitin Upadhyay
8.	Class Coordinators & Class Representatives	Discuss the various responsibility		14:30pm - 14:50pm 20min	Dr.Jyoti Vimal
9.	Alumni interaction	Share their experience, new technology, job opportunity	Google meet	14:50pm - 15:10pm 20 min	Mr.Sharad Agrawal Dr. Amit Aherwar
10.	Departmental and extension activities and Clubs	Discuss and Encourage to participate in various club and activities	PPT Presentation	15:10pm - 17:10pm 120 min	Mr Vaibhav Shivhare Dr.D.K. Rathore
11.	Quiz/Contest- (Top 5 winners announcement)	Prepare quiz (10-15 questions)	on Moodle	17:10pm - 17:20pm 10 min	Dr.Jyoti Vimal Mr.Utkarsh Srivastava
DAY-4 (04-11-2022)					
12.	Elaborate every Semester & Its Subjects/ Scheme & Syllabus- DE/DC/OC	Importance/objective and outcome		11:00am - 11:30am 30 min	Mr.Vedansh Chaturvedi Mr.B.Pandey
13.	SWAYAM / NPTEL/ Elective/	SWAYAM (NPTEL)/other MOOCS		11:30am - 12:00pm 30 min	Mr.B.Pandey Dr.Jyoti
14.	Open courses offered by Department	platform/importance of Honor and Minor etc/ display good rank achievers of NPTEL	PPT	12:00pm - 12:30pm 30 min	Vimal

15.	Detail of Examination procedure	Discuss pattern, Mode, Mid Sem/End Sem	Presentation	12:30pm - 13:00pm 30 min	Dr. Sunita Sharma Dy. Controller
	UHV: Universal Human Values: Meditation /Creative/Sports/ Holistic Club	Discuss to live with mutual happiness with human beings and mutual prosperity with rest of Nature along with the development of technical and managerial competence.		13:00pm - 13:30pm 30 min	Prof.R.P.Kori Dr.G.Norkey Dr.Ravi Kant Ranjan
16.	Lunch break			13:30pm-14:30pm 60 min	
17.	MOODLE Trainings	Discuss the feature and application of moodle	PPT Presentation/ Moodle	14:30pm - 15:00pm 30 min	Mr.Utkarsh Srivastava
18.	All Lab visit / other activities of the department	Discuss lab /course feedback/curriculum/parent/course outcome etc Student clubs/industry visits/summer internships (video clip) /finishing school/value added courses/professional development courses /Virtual lab etc		15:00pm - 17:00pm 120 min	Prof Vaibahv Shivhare Dr.Neeraj Mishra Dr.Ravi Kant Ranjan
19.	QUIZ / CONTEST-(Top 5 winners announce next day)	Prepare quiz (10-15 questions)	Moodle	17:00pm - 17:10pm 10 min	Dr.Jyoti Vimal Mr.Utkarsh Srivastava

DAY-3 (03-11-2022)

- The morning session started at 11:00 am in Seminar Hall II. The newly admitted students were welcomed by Dr. M.K.Gaur, Head of the Department.
- Departmental Presentation with Coverage of salient features of the department was presented by Dr. Surendra Kumar Chaurasia.
- Introduction of individual Faculty members, Staff, and Research Scholars to the newly admitted students is done by the Head of department.
- Thereafter a Course Introduction, discussing the credit scheme of the department to students is presented by Mr.Vedansh Chaturvedi. A well-crafted curriculum serves as a reference to ensure that students are on the right track. Its components are designed to develop concepts, from a basic level to increasingly complex topics or skills. Introducing the students to the field of Mechanical engineering and Automobile Engineering. The four years curriculum was explained to them in detail. Highlighted the importance of each subject. Mode of Teaching with Clip of previously held class was presented by Dr.Nitin Upadhyay
- Thereafter, Dr.Surendra Chourasia Encouraged students to participate in sports, meditation and activities.
- The lunch session started at 02:10 pm in Seminar Hall II. To bridge the gap between the faculty members and students and provide guidance on the academic and professional development matters a mentor –mentee session was briefed by Dr.Nitin Upadhyay.
- Thereafter, Class coordinator Dr.Jyoti Vimal discussed the various responsibilities and selected class representatives. He also advised the students not to indulge in acts of indiscipline and informed them about the various disciplinary actions that can be taken against the defaulters.
- Alumni interaction was conducted through Google meet by Sharad Agrawal. Rajesh Singh Jadon (1983 batch) GM – Environment Health & Safety Regional EHS Head, Kohler India has experience of 27 years. He enlightened students about their journey and advised them to build a bridge between college life and career life, so as to introduce present students to the professional world and to make them proactive to face the challenges that may emerge in their career path and awarded new admitted students about the scope of their subject in the professional world.
- Dr.D.K.Rathore and. Mr Vaibhav Shivhare introduced the newly admitted students about various Departmental, extension activities and Clubs activities and Encouraged students to participate in it
- At last a quiz was conducted by Mr Utkarsh Srivastava. Students really enjoyed the session and found it was very useful for them.

DAY-4 (04-11-2022)

- The morning session started at 11:00 am in Seminar Hall II by Mr.Vedansh Chaturvedi and Mr Bhupendra Pandey. They elaborated every Semester & Its Subjects/ Scheme & Syllabus-DE/DC/OC. Enlighten the students with DC, DE, OC, Minor, Honor etc and they can choose subjects and labs with interest of their own to become masters in a particular area. The students listened to the session very eagerly and interestingly.
- Mr Bhupendra Pandey and Dr. Jyoti Vimal Departmental Swayam Coordinator informed the students about the Swayam portal and the various online courses available in different engineering streams. They also enlighted SWAYAM (NPTEL)/other MOOCS platform/importance of Honor and Minor etc and display good rank achievers of NPTEL
- Dr. Sunita Sharma (Dy. Controller, Examination) addressed the students regarding the examination system prevalent in the institute. She emphasised on the importance of attendance. Department will be thankful to her for valuable suggestions and time.
- Thereafter, a session of UHV: Universal Human Values, conducted by Prof.R.P.Kori and Dr. G. Norkey. They discussed living with mutual happiness with human beings and mutual prosperity with the rest of Nature along with the development of technical and managerial competence.
- A Moodle Training was elaborated by Mr Utkarsh Srivastava. He discussed the features and application of moodle.
- The Lab visit of the department was conducted by Prof Vaibhav Shivhare, Dr.Neeraj Mishra and Dr.Ravi Kant Ranjan.
- At last a quiz was conducted by Mr Utkarsh Srivastava. Students really enjoyed the session and found it was very useful for them.

(Dr.Jyoti Vimal)
Departmental Induction
Program Coordinator

(Dr.M.K.Gaur)

HMED

Enclosure:

- Attendance list(day wise)
- Snapshots

ATTENDANCE LIST

Induction Program 2022 — DAY 3
Attendance List
Mech/Automobile Engg

S.No.	Name of student	Mob No.	Branch	Sign
1	Aishwarya Ushiwad	7389655421	M.E	E
2	Aman Narway	9755819940	M.E	E
3	Prashant Mahan	6262352201	M.E	E
4	Sourabh Kansana	9302090145	ME	E
5	Aman Gupta	9999863436	M.E	E
6	Abhudeya Singh	9589867733	M.E	E
7	Sonu Rajput	8279555415	M.E	E
8	Aman Zafar Qurushi	2512802133	M.Eo	E
9	Samruddhi Chauhan	7000955040	M.E.	
10	Priyanka Rajawat	7887613138	M.E.	
11	Hritik Agrawal	9685519471	M.E.	
12	Vedansh Malik	9387735249	M.Eo	
13	Dev Shrivastava	8269278539	m.E.	
14	Kuhaga Balerao	7225000855	M.E	E
15	Raway Srivastava	7491806670	M.E	
16	Aayush Chhapariya	8770042941	M.E	
17	Priyanshu Diasgora	769289361	M.E	
18	Anand Dongi	8640084671	M.E	
19	Shivam Rajput / Anand Dongi	9770284630 / 8640084671	M.E / M.E	
19	Shivam Rajput	9770284630	M.E	

S.No.	Name of student	Mob No.	Branch	Sign
26	Abhishek Rana	7000640279	ME	
27	Lokendra Kushvah	7000895180	ME	
28	Ashish Kumar Dubey	7024984619	ME	
29	Vatsal Chaturwi	9399900324 man	
30	Anson Sahu	7828394042	Mechanical	
31	Vinod Gurjar	7049550766	M.E	
32	Akash Gupta	7692913647	M.E	
33	Prashant Shakya	9926319006	m.E	
34	Shrikant Pana	7470395129	M.E	
35	Lutahdha Tomat	7771007849	M.E	
36	Harshit Sharma	9806154631	M.E	
37	Sachin Choudhary	8770238703	M.E	
38	Himanshu Shanna	7828214537	M.E	
39	Yuvraj Sharma	9516484178	Automobile	
40	Prashant Tomar / Divyansh Sharma	8251082260	M.E	
41	Akhilesh Singh	6261405834	M.E	
42	Vinayak Singh	6262630333	M.E	
43	Rohit Gopraliya	9399112295	M.E	
44	Ayush Saxena	6263543980	Automobile	
45	Aditya Singh Tomar	9301343711	M.E	
46	Pratham Chugwani	3209341473	M.E.	
47	Shiv Kumar ojha	7483060923	mechanical	
48	Shriyansh Jain	6263543091	dabani	
49	Shriyansh Jain	6263543091	dabani	

Induction Program — DAY 4 (Attendance List)
Mechanical & Automobile Engg

S.No.	Name of student	Mob No.	Branch (ME/AU)
1	Sonu Rajput	8279555415	Mechanical
2	Vinod Gurjar	7049550766	M E
3	Jyotira Chavan	9393100289	Mechanical
4	Devangani Singh	8770290433	Mech.
5	Sourabh Kansana	9302090145	ME
6	Prashant Appal	8263419618	ME
7	Nikhil Verma	6262333120	me
8	Prashant Mahor	6262956201	ME
9	Aman Narway	9755899940	M.E
10	Aman Gupta	7999863436	M.E
11	Aman Singh Rojawat	6269975708	Auto
12	Anand Dongi	8640084671	Mech
13	Aditya Singh Tomar	9301343711	Mech
14	Shriyansh Jain	6263838097	Mech
15	Ayush Saxena	6263543980	Automobile
16	Shivan Sharma	6268199115	Mech
17	Abhudaya Singh	9589867733	Mech
18	Aishwarya Ushiwad	7386655421	M.E
19	Aman Zafar Qurushi	9522802133	M.E
20	Samruddhi Chauhan	7000955040	M.E.
21	Atish Singh Lodhi	9088078184	Auto

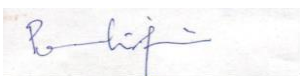| S.No.	Name of student	Mob No.	Branch (ME/AU)
28	Diparshu Tomar	7771007849	M.E
29	Harshit Sharma	9806154631	M.E.
30	Sachin Choudhary	8770238703	M.E
31	Shrikant Pana	7470395129	M.E
32	Shivam Rajput	9770284630	M.E.
33	Shiv Kumar ojha	7483060923	M.E
34	Dev Srivastava	8269278591	M.E.
35	Akash Gupta	7692913647	m.E
36	Yuvraj Sharma	9516484178	Auto
37	Abhishek Rana	7000640279	M.E.
38	Vansh Vandhe	8305234597	M.E.
40	Rohit Gopraliya	9399112295	M.E
41	Shriyansh Jain	9340649077	M.E.
42	Vinayak Singh	6262630333	M.E
43	Divyansh Sharma	8251082260	M.E.
44	Akhilesh Singh	6261405834	M.E
45	Uday Singh	8965083339512	M.E
46	Tanmay Garg	9589927192	Mech
47	Lokendra Kushvah	7000895180	mechanical
48	Ashish K. Dubey	7024984619	Mech
49	Vatsal Chaterwi	9399900324	M.E
50	Aayush Chhapariya	8770041941	M.E
51	Pratham Chugwani	9109341473	M.E.
52	Kaumurait Jain	9000	M.E.

Snapshots:

Department of Architecture and Planning

Schedule of the Induction Program 2022 for first year B. Arch admitted students (2022-2023)

DATE	S.NO	PROGRAM	INCHARGE	DURATION
3.11.2022	1	Department Presentation	Ar. Pranshi Jain	11:00 am- 11:20 am (15 min.)
	2	Introduction Faculties, staff, students, Research scholars	All Faculty	11:20 am-11:45 am (20 min.)
	3	Alumni Interaction	Ar. Pranshi Jain	11:45- 11:50 am (10min.)
	4	Detail of Examination Procedure	Dr. Suneeta Sharma	30 min. (11:45 am-12:15pm)
	5	Interaction with seniors	Srishty Dube Tanishqa Upadhyay Rudraksh Kakde	12:15 – 12:30 pm (15 min.)
	6	Activity 1: Fun with clay on Pottery wheel	Anshul Vishwakarma Vishnu Singh Unnati Shah	12:30-1:30 pm (30 min.)
DATE	S.NO	PROGRAM	INCHARGE	DURATION
4.11.2022	1	Scheme , syllabus, NPTEL/ SWAYAM COURSES	Ar. Richa Mishra	11:00 am- 11:30 am (30 min)
	2	MOODLE TRAINING	Ar. Harshita Mishra	(11:30 am-12:00 pm) (30 min)
	3	Introduction of STATIONARY	Ar. Pranshi Jain	(12:05-12:10 PM) (5 min.)
	4	Activity 2 : QUIZ	Tanishqa upadhyay Ishan Vishwakarma Shubhi Sarathe Samriddhi Swarnakar	12:10-12:35pm (30 min.)
	5	EXHIBITION + Lab Visit	Austin Dominic Mantasha Nisar	12:35 pm- 1:00 pm (25 min.)

Dr Anjali S Patil
Asso Professor & Head

Ar. Pranshi Jain

I year Coordinator

Type of activity:	First year- Orientation Program
Title of the activity:	**INDUCTION PROGRAM 2022**
Date and duration of activity:	3-11-2022 to 4-11-2022 (10:00 am- 1:00 pm)
Number of Participants:	16
Resource Person:	Faculty and staff of Department of Architecture and Planning
Objectives of the Induction program:	The objective of the induction program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.
Description of the program:	The induction programme for the first year (B.arch) admitted students (2022-2023) was scheduled from 3-11-2022 to 4-11-2022 in the department of Architecture and Planning. The summary of the programme is given below: **Day 1: 3-11-2022** 1. Department Presentation- Students were made familiar with the vision and mission of institute and department; programme outcomes. 2. Faculty and staff Introduction: All the faculty members were introduced and they interacted with the students. 3. Introduction to Alumni's : 4. Detail of Examination Procedure : Dr. Sunneta Sharma , examination controller explained the examination procedure and credit system. 5. Interaction with seniors: This activity was coordinated by Srashty Dube,Tanishqa Upadhyay, Rudraksh Kakde. Srashty Dube , III Year student and NASA Unit secretary introduced the students with the various activities/ trophies, objective and mission NASA (National Association of students of Architecture).

Tanishqa Upadhyay,II year student and NASA UD made students familiar with the other academic activities and students achievements in the same.

Rudraksh Kakde, II year student shared his experience(academic + extracurricular) with the first year admitted students .

6. Activity 1 : Fun with clay on Pottery wheel: This activity was coordinated by Anshul Vishwakarma, Vishnu Singh, Unnati Shah (II year student).At the end of the activity ,first year students were able to produce different type of clay pots with the help of pottery wheel.

DAY 2 : 4-11-2022

1. Scheme, syllabus, NPTEL/ SWAYAM COURSES: Ar.Richa Mishra introduced the first year students with Scheme, syllabus, elective courses etc.

2. MOODLE TRAINING: Ar. Harshita Mishra introduced the first year students with the interface of MOODLE.

3. Introduction of STATIONARY: List of stationery items was given by Ar. Pranshi Jain, which will be required/ used in the architecture course.

4. Activity 2 QUIZ: This activity was coordinated by Tanishqa upadhyay, Ishan Vishwakarma, Shubhi Sarathe Samriddhi Swarnakar (II Year students). This activity was a fun quiz ,consisting of architecture related questions. Four teams of four students each were made. At the end of the quiz, the team with the maximum points was felicitated with a prize.

5. EXHIBITION + Lab Visit: The works of the students from I year to V year (academic extracurricular) were exhibited in the studio V. This activity was coordinated by Austin Dominic, Mantasha Nisar (IV Year students).

Some Glimpse of the
Induction Program
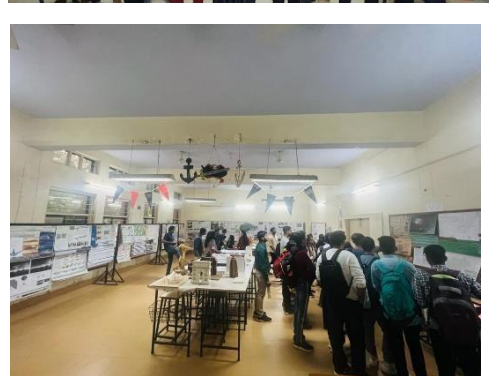
Ar. Pranshi Jain
I year Coordinator

Dr Anjali S Patil
Asso Professor & Head

DEPARTMENTAL INDUCTION REPORT

Department of Computer Science & Engineering

INDUCTION PROGRAM
Duration: 3.11.2022 to 04.11.2022

The Induction program for B. Tech, *CSD-Ist Year*, Computer Science & Engineering (Session: July - December 2022) was conducted in new seminar hall-8 from 3rd November to 4th November 2022 at 10:00 am to 5:00 pm. Total No. of students who have attended the Induction - Program were 62.

On the 1st day of the departmental induction Programme.

Activity	Session hosted by:
Brief introduction about Vision & and Program Outcomes Vision & Mission and Program Outcomes:	**Dr. R.K Gupta, Professor**
"Know your faculty".	**Dr. Smrita Parte**
Introduction about Curriculum Scheme and Schedule	**Dr. Ranjeet Kumar Singh**
Alumni Interaction event	**Prof. Ankita Sengar and Jaimal Jha**
the theme "Show yourself"	**Student Activity**

Vision & Mission and Program Outcomes Vision & Mission and Program Outcomes: This session is hosted by Dr. R. K. Gupta, Professor, Department of Computer Science & Engineering. Gupta motivates the students to how to set the goal and achieve them. A positive environment and a positive attitude make a man perfect. He taught a lesson to students," How to become honest with yourself".

The theme of the next session was "Know your faculty". This session was hosted by Dr. Smita Parte. This Session a detailed profile is shown by Dr. Smita. A detailed research background, subject expertise is also shown in detail. Importance of research and correlation with subject concepts are well explained in this session. In this session, the faculty research background and their importance in different company platforms are shown among the students with the aim that, whenever students want help from faculty, they could easily interact with them.

The Third next session was information regarding the "Curriculum Scheme and Schedule" was covered by Dr. Ranjeet Kumar Singh: The importance of this session is correlation between our course curriculum and GATE, PSU Syllabus. The course curriculum is totally designed based on PSU, GATE syllabus and updated research activity. Dr. Ranjeet Motivates the students on the basics of our course curriculum and he interacts with students and gives them the information about company placement and GATE examination. He said that along with placement, the GATE exam is also a good option to make their career in the field of PSU selections.

The next session was about the Alumni Interaction event: This session was hosted by Prof. Ankita Sengar and Jaimal Jha. She motivates the students for a high salary package and gives them information about company placement and GATE examination. In this regard our prestigious Alumni Mr. Samarth Sharma has interacted with first year students and talked about what is necessary to achieve the carriers' goals.

The next session was dedicated to students under the theme "Show yourself". This meeting was covered by the detailed introduction about self of all the presented students. Students were very excited to talk about themselves along with their hobbies and area of interest.

At the end of the first day of the department the last session was the "Mentor-Mentee"session. In this session we provide detailed information and the role of mentorship. Mentorship gives direction, helps students choose a career path, and also supports them by connecting them with the right people.

2ND DAY OF DEPARTMENTAL INDUCTION PROGRAM.

Activity	Session Hosted By
"HOD message & Department information"	Dr. Manish Dixit
Examination procedure and their importance , NPTEL SWAYAM	Punit Kumar Johari, Prof. Mahseh Parmar
Department lab visit	Prof. Amit Manjhwar and Ms. Shiva Patel.

The second day of the department induction program starts with the message of the Head of Department (HOD), Dr. Manish Dixit: The program began with welcoming all the students of CSD Ist year under the theme "HOD message & Department information". Dr. Dixit makes this session very joyful and motivational. He told some motivational and very interesting story "*A man with his Bicycle*" is one of them. He also shows how you can enhance your mental power and thinking ability to face a difficult situation in both their professional and personal life in a simple way.   He had also motivated students to take regular and remedial classes and inform about the placement opportunities, salient features of flexible curriculum like summer internship programs, internship opportunities, Novel Engaging courses, OC and Minor/Honour courses in brief.

The second next session was hosted by Punit Kumar Johari: This session mainly focuses on Examination procedure and their importance. A detail of mid semester exam, end Sem exam and their mode are deeply explained. He has covered all necessary information on how to fill the answer booklet about the examination.

The next third session was conducted by Prof. Amit Manjhwar and Prof. Mahseh Parmar: This session started by Prof. Amit Manjhwar, he has provided the necessary information and working structure of Moodle platform. He also provides valuable information to get access and submission of different type of assignment, quiz, exam in an efficient way. Prof. Mahseh Parmar covered the complete information about Swayam & NPTEL platform. also provided the information about the open categories' subjects and elective subjects scope in the curriculum.

The "Masterstroke" of the program was the "Fun activities", which were conducted by Dr. Smita Parte under the theme of "UHV: Universal Human Values"

The second last session of the induction programme was covered by the First-Year coordinator Dr. Ranjeet Kumar Singh. He has conducted the activity of feedback of the students during the induction days of the programme.

The last session was the department lab visit, where first year students can see the various resources of the department. The departmental tour was conducted under the guidance of Prof. Amit Manjhwar and Ms. Shiva Patel. Along with a group photo session with all faculty members, staff and Department head CSE.

<u>STUDENTS FEEDBACK</u> (Feedback Analysis of Induction Program (First year CSD))

Various Different types of Feedback Forms circulated to students and their feedbacks represent with the graph

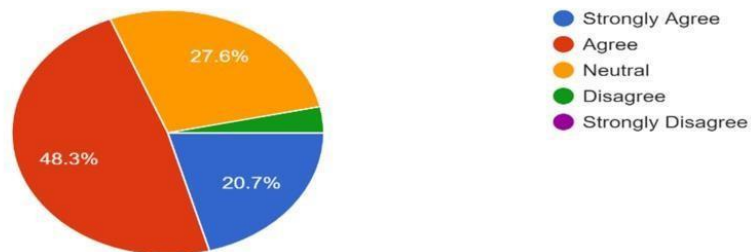**Department Induction Program 2022 was well structured and organized.**
29 responses
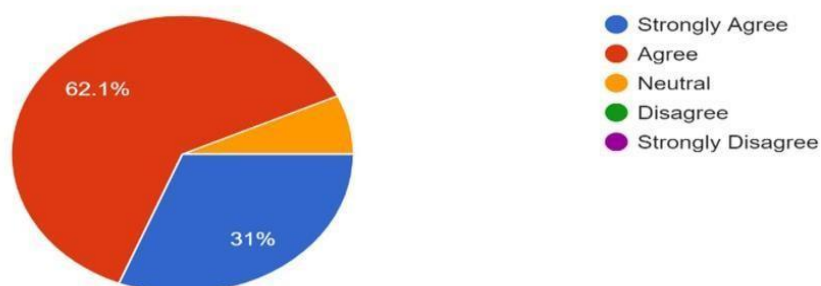
Department Induction Program 2022 is very helpful to know about your department in depth.
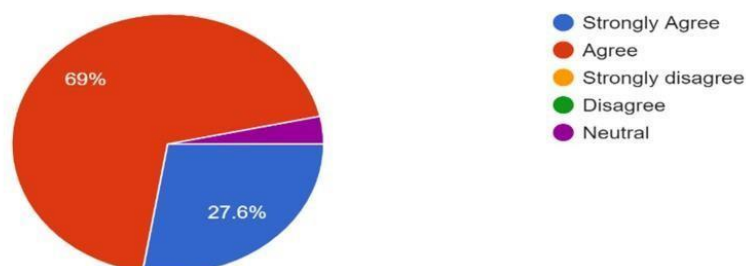29 responses

- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

51.7%
10.3%
37.9%
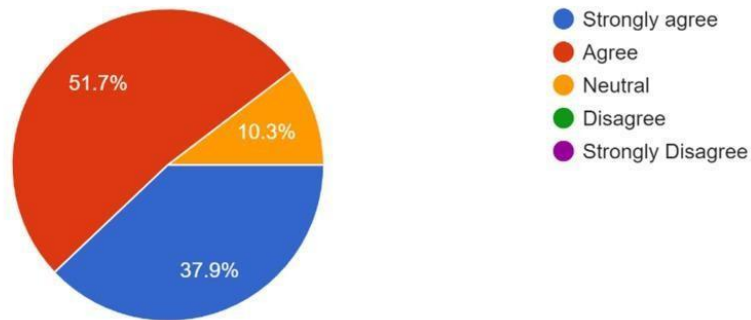
Conte of Day 3 and 4 department induction program 2022 was useful and interesting.
29 responses

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

51.7%
20.7%
27.6%
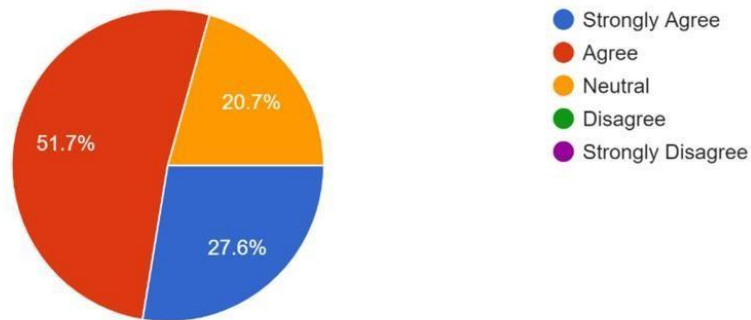
Lab Visit was useful
29 responses

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

27.6%
48.3%
20.7%

SWAYAM/NPTEL/Elective/Open course offered by department was useful
29 responses

- Strongly Agree
- Agree
- Strongly disagree
- Disagree
- Neutral

69%
27.6%

Explanation of Examination Procedure is useful and interesting.

29 responses

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

48.3%
41.4%
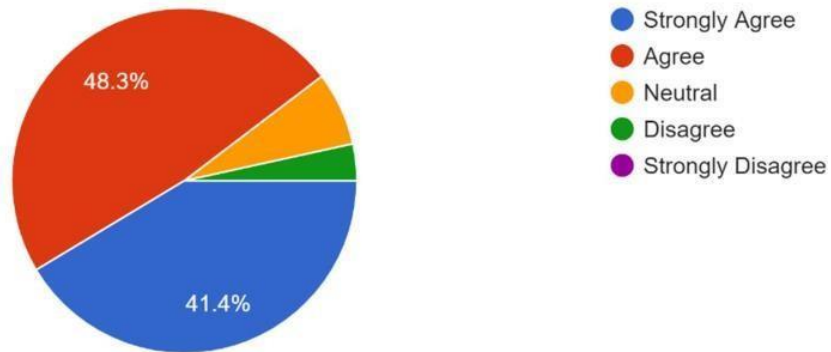
Mentor-Mentee meeting useful and interesting.

29 responses

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

20.7%
55.2%
17.2%
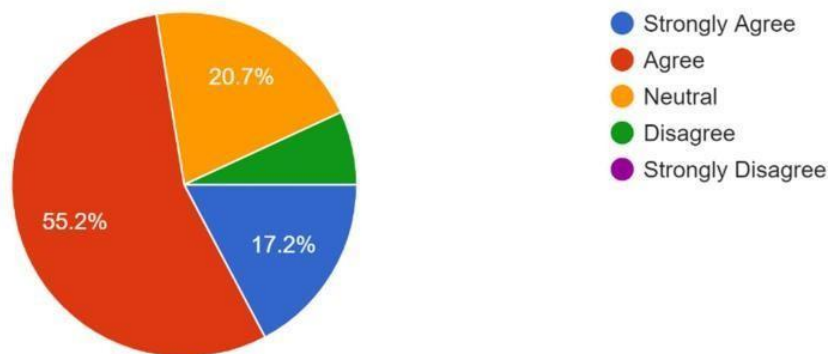
Alumni Interaction was interesting.

29 responses

- Strongly Agree
- Agree
- Strongly disagree
- Disagree
- Neutral

41.4%
48.3%
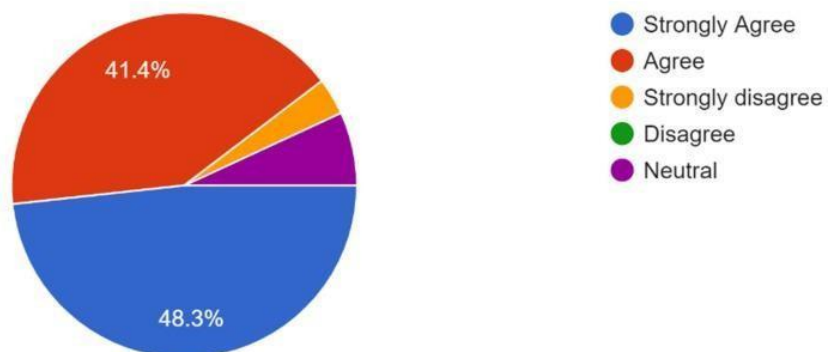
Some glimpses of the Department Induction Program -2022

Computer Science Engineering Department
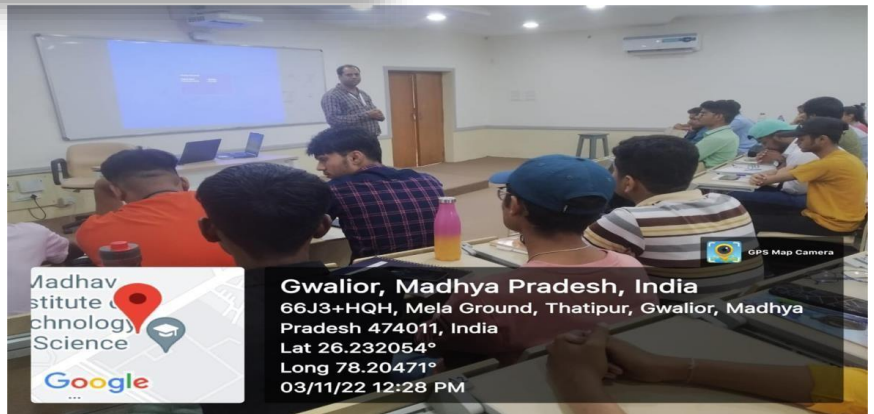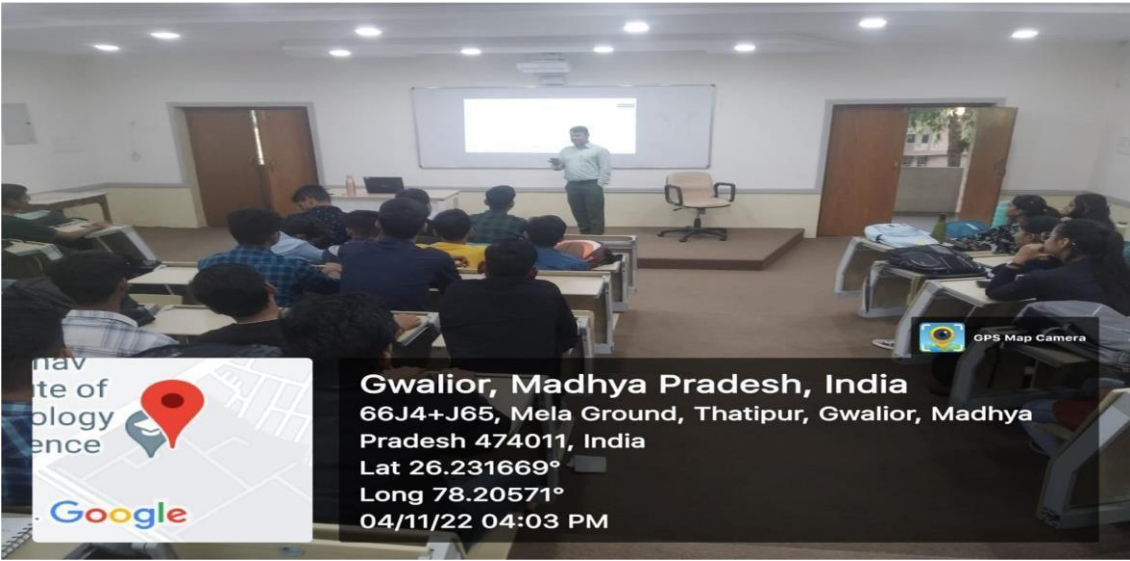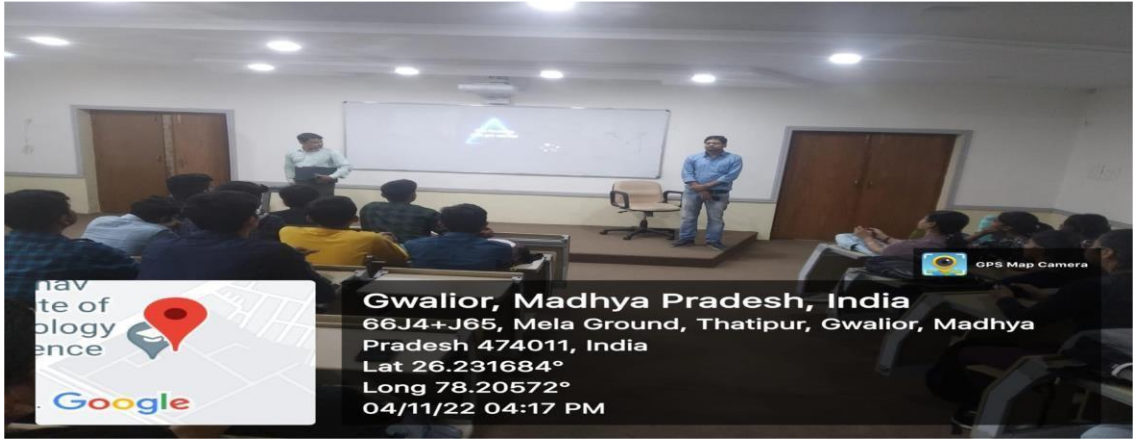
(Dr. Ranjeet Kumar Singh)

CSD First year Coordinator

(Dr. Manish Dixit)

Professor & Head, CSE

Department of Computer Science and Engineering

A "Mentor–Mentee Meeting", was held on 03.11.2022 at 4.30 to 5.30 The following students were present:

S.No.	Name	Department	Signature
1.	ANUSHKA JAIN	EL	Ajai 03/11/22
2.	KHUSHBOO TAGORE	ET	Khushboo 03/11/22
3.	NEERAJ PRAJAPATI	AI & DS	Prajapati 3/11
4.	JATIN SHRIVASTAVA	CSD	J.S 3/11/22
5.	SHEETAL TOMAR	CE	S. Tomar 03/11 2022
6.	DRISHTI JAIN (student Mentor)	AI & DS	3/11/22
7.	RAJ SINGH TOMAR	CIVIL	Raj Tomar 3/11/2022
8.	JATIN SHRIVASTAVA	CSD	Jatin
9.	RUDRA·P·S. TOMAR	CE	Rudra 3/11/22
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			

Dr. Ranjeet Kr. Singh
(Dr. Singh)

IT Department

The First Year induction program has been conducted on 03/11/2022 and 04/11/2022. Induction Program coordinator (Dr. Sanjiv Sharma) along with Class Coordinator of various programs (IT, IT-IOT, IT- AIR,AIDS,AIML) coordinated and conducted for the third and fourth day of the induction program. The program initiated with the interaction of the Head of the Department (Dr. Akhilesh Tiwari) followed by series of following activity/points as per schedule of induction program-

1. All the faculty and staff members were introduced to the students.
2. Students were briefed about the flexible scheme and syllabus for the year.
3. Club activities/Student Chapter/ NSS/NCC and their importance for participation in the activities are discussed with the students.
4. Importance of Internships is briefed to students.
5. Students are motivated to participate in ACM, IEEE and other institute activities. By these certifications, they can award required 1 credit in Professional Development that is a component of VIII scheme.
6. Discussed various feedbacks (CO, PO, Faculty Feedback, and Curriculum) with students and also explained the importance of that feedback system.
7. Students were also briefed about the continuous evaluation process which is in practice in theInstitute.
8. Importance of Integrity, Ethics & Institute guidelines for plagiarism.
9. Importance of Swayam & NPTEL courses as self-learning and also as DE/Minor/Major is also discussed.
10. MOODLE and IMS login and activities were demonstrated.
11. Institute website with details on departmental page was also demonstrated.
12. Second year class representatives were introduced for better coordination with their seniors.
13. Credits and the examination process mentioned in the scheme has been discussed with students.
14. Students are also advised to take class seriously and regularly because attendance will be considered as per the norms.
15. Departmental Lab, Classes and Library visit conducted.

(Dr. Sanjiv Sharma)   (Dr. Akhilesh Tiwari)
Departmental Induction Program Coordinator   Prof. & Head

Enclosed:
1. Committee constitution for conduction of Induction program for first year
2. Schedule of Induction
3. Attendance of Students
4. Glimpses of Program

Committee constitution for conduction of Induction program for first year

S.No.	Branch & year	Class Management Committee
1	B.Tech IT I Year	1. Dr. Bhagat Singh(Class Coordinator) 2. Dr. Vikram Rajpoot 3. Dr. Pawan Dubey
2	B.Tech IoT I Year	1. Dr. Sanjiv Sharma(Class Coordinator) 2. Dr. Tej Singh 3. Prof. Akansha Tiwari 4. Prof. Namrata Agrawal
3	B.Tech AIR I Year	1. Prof. Punit Johari(Class Coordinator) 2. Dr. Dhananjay Bisen 3. Prof. Bulbul Agrawal
4	B.Tech AIML I Year	1. Dr. Saumil Shrivastav(Class Coordinator) 2. Prof. Vikas Sejwar 3. Prof. Mir Shahnawaz
5	B.Tech AIDS I Year	1. Prof. Abhishek Dixit(Class Coordinator) 2. Prof. Abhilash Sonker 3. Dr. Nidhi Saxena 4. Prof. Aditya Dubey

Schedule of Induction Program for First Year Students
Nov 22, 11:00 am Onwards

S. No.	Activity	Activity In-charge
		c
1	HoD interaction	Dr. Akhilesh Tiwari
2	Department Presentation	Class Management committee
3	Introduction of Faculty, Staff, Students, Research Scholars	Class Management Committee
4	Course Introduction: credits	Prof. Abhishek Dixit
5	Self-learning through wayam/NPT EL courses and NEC	Dr. Saumil Maheshwari, Prof. Punit Johari & Dr. Sanjiv Sharma
6	Moodle Training	Class Management Committee
7	Examination related discussion	Prof. Punit Johari
8	Meditation /Creative/Sports/Holistic Club(any one)	Respective Club coordinator
9	Mentor Mentee Meeting	Dr. Sunita Sharma and Class Management Committee

1. Shri RS Tomar (9425793945)
2. Shri Imtiyaz Hussain (9993765840)

# Schedule of Induction Program for First Year Students
Nov 22, 11:00 am Onwards

S. No.	Activity	Activity In-charge
1	Elaborate Every Semester & its Subjects/ Scheme & Syllabus-DE /DC/OC	Class Management Committee
2	Class Coordinators & class Representatives	Class Management Committee
3	Departmental and extension activities and Clubs	Class Management Committee
4	Alumni Interaction	Prof. Vikas Sejwar
5	UHV: Universal Human values: Meditation /Creative/Sports/Holistic Club	Respective Club Coordinator
6	AII Lab visit / other activities of the department	Class ManagementCommittee

Attendance of Students during Departmental Induction Program

Date	Branch/Program	Admitted	Present
3/11/2022	IT	77	64
	IOT	78	63
	AIR	78	56
	AIML	78	44
	AIDS	77	64
4/11/2022	IT	77	49
	IOT	78	56
	AIR	78	55
	AIML	78	60
	AIDS	77	62

SNAPSHOT
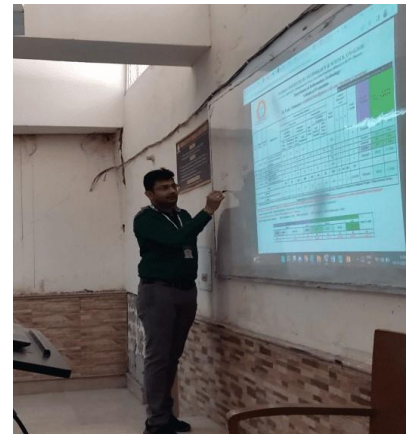
Department of Electronics Engineering

Date: 03-11-2022 & 04-11-2022

Timing: 11:00 AM to 5:00 PM
Topic: Orientation Program for
1st Year EC and ET

Number of Students enrolled in EC=156
Number of Students enrolled in ET=80
Number of Students Present in EC = 138
Number of Students Present in ET=62

Topic Discussed: Day 1

Students were welcomed to the Institute in the I-Year I semester by acting HoD **Dr. R. P. Narwaria**. He motivated the students and advised not to be involved in any incidence of ragging and emphasised to attend classes regularly. He introduces the students about OBE and efforts made by the institute for student's overall development like student chapter IETE

1. The introduction about the department, branch, faculty with their various responsibilities, and the class coordinators were given by **Dr. Vikas Mahor.** All the authorities, like Dean Academics, Dean Student Welfare, Registrar, Proctor, Controller of Exam, HoD, Student Counsellor, Girl Grievance Cell, Accounts Officer, Training and Placement Officer etc., were introduced to contact whenever needed by the students.
2. **Dr. Sushmita Chaudhari** discussed the scheme & syllabus of I semester.
3. A brief introduction about the Swayam/NPTEL/ internship, their enrollment and registration process by **Dr. Deepak Batham**.
4. NEC courses, its enrollment and registration process, introduction about Girls' Grievance cell and robotics club by **Dr. Karuna Markam**
5. **Dr. Sunita Sharma**, Controller of Examination gave general instructions about the examination, its importance, and the examination process. She also discussed the evaluation criteria and promotion criteria and importance of quiz-assignment, mid sem and end sem examination, and the calculation of SGPA and CGPA.
6. Information related to NSS, its importance and activities was discussed by **Prof. Deep Kumar Parsediya**.
7. Different clubs and its activities in the institute and Departmental Newsletter was discussed by **Ms. Pooja Sahoo.**
8. **Prof. Madhav Singh** introduced various feedbacks and their importance in the teaching- learning process**.** He also motivated the students to participate in feedback activities and consider this a responsibility.

9. The importance of attending special or remedial classes to solve problems during the lecture was given by **Dr. R P Narwaria**.
10. **Dr. Deepak Batham** discussed an introduction to Professional Development (PD) activity and its criteria for earning marks in 8th semester. Also, he encourages students to participate in the activity and events organised by the Institute and earn certificates in different criteria.
11. The faculty members of the department, after that, introduced themselves and shared their responsibilities. Each of them motivated the students to enhance their skills at MITS
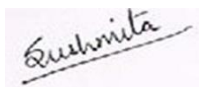
The meeting ended with vote of thanks by **Dr. Sushmita Chaudhari in EC and Prof. Pooja Sahoo in ET.**

Day 2

1. A department tour and lab visit were conducted. All the lab staff introduced themselves and briefed about their respective labs.
2. College tour: Visit workshop, Library, Canteen area, Gymnasium, Dispensary, Hostel and playgrounds
3. Various Fun activities, puzzles, quizzes are organised for the students.
4. For the entertainment and motivation purpose organised a short film "THE LIGHT YEAR".
5. Students also performed based on their hobbies.
6. Electronics and tourism Club coordinators interacted with the students and motivated them.

The following faculty members and staff members were present-

1. Dr. Ravindra Pratap Narwariya
2. Dr. Karuna Markam
3. Prof. Madhav Singh
4. Prof. Pooja Sahoo
5. Prof. Deep Kishore Parsediya
6. Dr. Hemant Choubey
7. Dr. Deepak Batham
8. Dr. Sushmita Chaudhari
9. Dr. Varun Sharma
10. Mr. Gajanan Pophli (Lab staff)
11. Mr. D. S. Tomar (Lab staff)
12. Mr. Manoj Golya (Lab staff)
13. Mr. Sujan Singh Jadon (Lab Staff)

Dr. Sushmita Chaudhari   Prof. Pooja Sahoo   Dr. Ravindra P. Narwariya Class Coordinator EC   Class Coordinator ET   I/C HOD

Enclosure-

1. Snapshots of the orientation programme.

4

Department of Electronics Engineering
<u>Snapshots of the Program</u>

DAY :- 4

<u>DEPARTMENTAL DAY</u>

SCHEDULE FOR THE DAY - 4

		DAY-04: Departmental Day		
4 Nov 22 **11 am** **Onwards**	1	Elaborate Every Semester & Its Subjects/ Scheme & Syllabus-DE/DC/OC	Head of the department *(Schedule may vary as per department)*	30 min
	2	SWAYAM / NPTEL/ Elective/ Open courses offered by Department		30 min
	4	Detail of Examination procedure		30 min
		UHV: Universal Human Values: Meditation /Creative/Sports/Holistic Club		30 min
	5	*Lunch break*		60 min
	5	MOODLE Training		30 min
	6	All Lab visit / other activities of the department		120 min

Day - 4 in the induction program was Departmental day in which all the students were made aware of the following :-

- In the morning session elaborating every semester and its subjects/scheme and syllabus of DE/DC/OC.
- Briefing about SWAYAM/NPTEL/Elective/open courses offered by the department.
- Explaining and describing the examination procedure.
- A Motivational session was organised comprising meditation/creative/UHV
- After the lunch break the students were introduced with MOODLE and trained for it.
- All the students visited the department lab/other activities of the department.

The detailed report of departmental days is shown ahead according to each department.

A Report

On

Civil Engineering Department

Subject- Report on the conduction of first year induction program of 2022-2023 admitted batch.

As per Order No: 1771 dated 03/10/2022, a two-day departmental induction program of 2022- 2023 admitted first year students was conducted on 03/11/2022 – 04/11/2022 in the Seminar Hall I of CED. The program was coordinated and managed by the first-year coordinators, Dr. Jayvant Choudhary and Dr. Chayan Gupta respectively. The details of schedule of the program along with sessions and resource persons are stated in Table 1. The total number of students attending the program on first and second days are 84 and 73 respectively (Attendance list attached in Table 2 and Table 3). The program can be considered as successful as at the end of session, students expressed their satisfaction towards the information shared in the program. The photographs of the events are displayed in Table 4.

Table 1: Full schedule of the Induction Program

Subject: Induction Programme 2022 Schedule for First Year Civil Engineering Students

Venue: Seminar Hall – I

Date: 03/11/2022, Thursday

Time	Activity	Resource Person	Remarks
10:30 AM – 11:00 AM	Entry of Students to the Venue	Dr Jayvant Choudhary, Dr Chayan Gupta	Coordinated by Sh R Pawase, Sh M D Gaur
11:00 AM – 11:15 AM	Welcome of Students	Dr Jayvant Choudhary, Dr Chayan Gupta	Coordinated by Sh R Pawase, Sh M D Gaur
11:15 AM – 11:40 AM	Departmental Presentation	Dr Jayvant Choudhary, Dr Chayan Gupta	Coordinated by Sh Praveen Gupta
11:40 AM – 12:00 PM	Welcome Address by Head	Dr M K Trivedi	Coordinated by Sh Praveen Gupta
12:15 PM – 13:15 PM	Introduction of Individual Faculty, Staff, Research Scholars, Students	All the faculty, Staff & Research Scholars of the department to be Present at the Venue for their Individual Introduction	Coordinated by Dr Jayvant Choudhary, Dr Chayan Gupta
13:15 PM – 14:15 PM	LUNCH BREAK		Students to Assemble back at 14:15 PM
14:30 PM – 16:00 PM	Elaboration on Provisions of Scheme, SWAYAM/NPTEL provisions, courses, credits, Time table, Mode of Teaching etc	Prof. Aditya K Agarwal	Coordinated by Dr Jayvant Choudhary
16:00 PM – 17:30 PM	Extra curricular activities / Cultural activities	Dr Jayvant Choudhary, Dr Chayan Gupta	Details to be worked out by concerned resource persons

Date: 04/11/2022, Friday

Time	Activity	Resource Person	Remarks
11:00 AM – 11:25 AM	Details of Examination Procedure	Dr P. K. Singhal / Dr Sumita Sharma	Coordinated by Dr Jayvant Choudhary
11:25 AM – 12:00 PM	MOODLE Training	Prof. G. Bhadoriya	Coordinated by Dr Jayvant Choudhary
12:00 PM – 13:00 PM	Interaction between Senior Students & Junior Students	Class Coordinators UG Civil 1st, 2nd & 3rd Year & Students	Class Coordinators UG Civil 2nd Year & 3rd Year to be present at the venue along with some of the students of
13:00 PM – 13:30 PM	Alumni Interaction	Dr. Hemant Shrivastava	their classes including class representatives. Dr Jayvant Choudhary to plan and coordinate the whole activity. Dr Hemant Shrivastava to Plan and coordinate
13:30 PM – 14:30 PM	LUNCH BREAK		Students to Assemble back at 14.30 PM
14:40 PM – 16:00 PM	Introduction of clubs & student chapters and the promotion	1. Concrete Structure Club & IWWA Chapter – Prof. A. K. Saxena 2. SOFT Civil – Dr. Abhilash Shukla 3. Standards Club – Dr. Hemant Shrivastava 4. ICI Student Chapter – Dr. R. Kansal & Dr. Hemant Shrivastava 5. Waste Management club – Prof. Aditya K. Agarwal 6. Heritage & Tourism Club – Prof. G. Bhadoriya	Each club/ student chapter coordinators to plan their own (maximum 10 minutes allotted to per club / chapter) Coordinated by Dr Chayan Gupta
16:00 PM – 17:00 PM	Visit to Lab of the departments	Dr Chayan Gupta, Dr Abhilash Shukla, Dr Hemant Shrivastava,	Coordinated by Sh R K Dixit, Sh R Pawse, Ms Renu Gupta & Sh M D Gaur

Table 3: Attendance of Day 2 (04/11/2022)

Table 4: Snapshots

Dr. Manoj. K. Trivedi

HCED

DEPARTMENT OF CHEMICAL ENGINEERING

Attendance of students:-

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal, MP)

Department of Chemical Engineering

List of Students Admitted in 2022

Induction - 2022

5/11/2022

S.No.	Name	Enrollment No.	Phone No	Signature of Students	Comments
1	SAUMIL SINGH		9039936453		
2	SANDEEP SINGH		9179837286		
3	NISHA KUMARI		7877165540	NA	
4	ADITYA KUMAR RATHOUR				

A Report of
Department Induction program
of
"B.Tech. First Year Internet of Things"
(For Newly Admitted Students in November 2022)
on
(03-04)November, 2022

DEPARTMENT OF ELECTRICAL ENGINEERING

Electrical Engineering Department

Schedule of Induction Program

Department of Electrical Engineering

Ref. No. **80**   Dated: 27.10.2022

SCHEDULE FOR INDUCTION PROGRAM 2022

Date	S.No.	Program	Address by/incharge/ Clubs	Time
		Day-03: Departmental Day		
	1	Department Presentation	Dr Shishir Dixit	11.00-11:20
	2	Introduction of Faculty, Staff, Students, Research Scholars	Dr Shishir Dixit	11:21-11:50
	3	Course Introduction: Credits	Prof. Vishal Chaudhary	11:51-12:10
	4	Start of class announcement/Mode of Teaching	Prof. Vishal Chaudhary	12:11:12:30
	5	Universal Human Values (VHV) Meditation: A simple fast way to reduce stress	Prof. Ashis Patra	12:30-01:00
03 Nov 22 11 AM Onwards Thursday		**Lunch break**		**01:00-02:00**
	6	SWAYAM / NPTEL/ Elective/ Open courses offered by Department	Prof. Praveen Bansal	02:00-02:20
	7	Detail of Examination procedure	Prof. Nikhil Paliwal	02:21-02:40
	8	Class Coordinators & Class Representatives	2nd & 3rd Year Students	02:41-03:00
	9 10	Moodle : Hands on All Lab visit / other activities of the department	Prof Vishal Chaudhary + Prof. Nikhil Paliwal + Mr Rajesh Sharma	03:00-05:00
		Day-04: Departmental Day		
	1	Elaborate Every Semester & Its Subjects/ Scheme & Syllabus-DE/DC/OC	Prof. Vishal Chaudhary	11.00-11:30
	2	Mentor-Mentee meeting	Dr. Vijay Bhuria	11:31-12:00
04 Nov 22 11 AM Onwards Friday	3	Alumni Interaction	Prof. Praveen Bansal	12:01-12:30
	4	Start-up Talk	Prof. Ankit Tiwari	12:31-01:00
		Lunch break		**01:00-02:00**
	5	Importance of Feedback: All kind	Prof. Rakesh Narvey	02:00-02:30
	6	Quiz / Contest	Prof Vishal Chaudhary + Prof. Nikhil Paliwal	02:30-3:00
	7	Departmental and extension activities and Clubs	Dr. Vikram	03:30-4:30

Program Venue: Room No. 106

Prof Nikhil Paliwal
Class Coordinator

27-10-2022
Prof Vishal Chaudhary
Class Coordinator

Dr S Wadhwani 27-1
Prof & Head, EED

Objectives

- ·To make the first-year students admitted in the Electrical Engineering Department feel comfortable in the new environment.

- · To make the first-year students admitted in the Electrical Engineering Department aware about the curriculum, labs, and other aspects of the Electrical Engineering Department.

- · To allow the first-year students admitted in the Electrical Engineering Department explore their academic interests and activities.

Salient Points - Session Details

List of activities conducted during induction program:

03rd November 2022 (Morning Session)

1. **Department Presentation and Introduction to faculty, staff, students and research scholars**

The students were warmly welcomed by *Prof. Vishal Chaudhary*, class coordinator first year. *Prof. Chaudhary* briefed the students about the field of Electrical Engineering and congratulated all the students and encouraged them to attend classes regularly.

At the start of the induction, the incumbents learn about the vision, mission, POs and PEOs of the department which were briefed by the Class Coordinator. Dr. Shishir Dixit briefed about the faculty and staff members currently working in the department of Electrical Engineering and alumni of the institute working or have worked in the various administrative positions.

Dr. Shishir Dixit also elaborated on the present trends and future prospects in the field of electrical engineering. The research expertise of the department along with the introduction of research scholars were also covered here.

2. **Course introduction, Credits, Commencement of classes, Mode of teaching**

The Class Coordinator described the detailed scheme of the Electrical Engineering branch to the students. The online tools which are very essential for online teaching and the importance of online teaching was described by *Prof. Vishal Chaudhary*. He also briefed the students about the placement and career options available to the students after the B. Tech Program. The session ended with some queries taken from the students.

3. **Universal Human Values**

This activity was performed by Prof. Asish Patra.

4. **Importance of feedback**

The importance of different feedback was explained by Prof. Rakesh Narvey. He explained the different stack-holders involved in the feedback system and their role and responsibilities. Following feedback were explained by Prof. Rakesh Narvey

- Curriculum/ Course content feedback.

- Feedback on lab course

- CO feedback.

- PO feedback.

- Parent satisfaction survey/ feedback

- Faculty feedback etc.

03rd November 2022 (Afternoon Session)

1. **SWAYAM/ NPTEL**

The information related to the SWAYAM/NPTEL courses and important instructions related to the enrolment, assignments, weblinks and exams were briefed to the students by Prof. Praveen Bansal.

2. Details of Examination procedure

The procedure of the examination was explained in detail to the students of first year by Dr. Vijay Bhuria and Prof. Nikhil Paliwal. Dr. Bhuria also answered all the questions asked by the students during the discussions. The following points has been discussed with the first year students:

A. The COs and bloom's level taxonomy mapped question papers

B. Structure of questions papers

C. Timely submission of exam form

Criteria for forwarding the examination form by the department.

3. Class coordinators and class representative interaction

This activity was performed nicely by the 2nd, 3rd and 4th students under the guidance of faculty members.

4. Moodle hands-on training

The hand-on training on MOODLE was conducted by the class coordinators and following activities were covered.

a. How to Login the MOODLE.

b. How to access the subject/faculty wise MOODLE page.

c. How to access the central level activities on MOODLE.

d. How to submit the assignment/quizzes on MOODLE.

e. How to mark the self-attendance on MOODLE.

5. Lab visits

During the lab visit, following labs are shown

1. Basic Electrical & Electronics Engineering Lab by Er. Rajesh Sharma.

2. Digital Electronics & Microprocessor lab, Analog Electronics lab, Minor Project lab and Control System lab by Dr. Vikram, Assistant Professor.

3. Power System lab and Switchgear & Protection lab by Prof. BhavnaRathore, Assistant Professor and Mr. Ravi Gupta.

4. Computer lab by Prof. BhavnaRathore, Assistant Professor.

5. Power Electronics lab and Electrical Drives lab by Prof. Manoj Kumar, Assistant Professor.

6. Measurement & Instrumentation lab and Virtual Instrumentation lab by Smt. Shashi Goel.

7. Electrical Machines - I lab and Electrical Machines - II lab by Prof. Praveen Bansal, Assistant Professor.

8. High Voltage lab and Process Instrumentation lab by Mr. Ravi Gupta.

9. Renewable energy lab by Prof. Vishal Chaudhary, Assistant Professor.

The session ended with some queries taken from the students.

04th November 2022 (Morning Session)

1. Importance of DE/ OC/ MAC/ Flexible curriculum

The Class Coordinator described the importance and types of department elective (DE) courses, open category (OC) courses, mandatory audit courses (MAC) under the flexible curriculum scheme of the institute. The importance of a flexible curriculum along with major/ minor specialisation was also covered in detail in this session. The session ended with some queries taken from the students.

2. Mentor mentee meeting

As per the institute guidelines, the mentor mentee scheme was first introduced to the newly admitted students and then the mentor mentee list was shared with the students. The student mentors were asked to create an official whatsapp group and add all the mentee students. The first meeting under this scheme was also conducted, in which all the mentee students and student mentors were present. At the end of the meeting the distribution of toffees were also done according to guidelines given by Dr. C.S. Malvi through email.

3. Alumni Interaction

This activity was conducted by Prof. Praveen Bansal. The first year students interacted with Alumni via Online platform. The link for the same is as below:

https://youtu.be/YmrxPKTumUQ

4. Start -Up Talk

This activity was performed by Prof. Ankit Tiwari.

04th November 2022 (Afternoon Session)

1. Quiz/ Activities

This activity was performed nicely by the 2nd, 3rd and 4th students under the guidance of faculty members and class coordinators.

2. Interaction with class representatives

The class representatives and student coordinators from the different committees, studying in the 2nd, 3rd and 4th year shared their experiences of time spent in the institute. Followings points were shared by the senior students-

- Role and responsibilities of class representatives (CRs).
- Role and responsibilities of Alumni cell student representatives.
- Role and responsibilities of BoS student representatives.
- Role and responsibilities of OBE student coordinators.
- Role and responsibilities of department placement cell student representatives.

In the end, student representatives from 2nd, 3rd and 4th year also explained the advantages of these responsible posts during placements.

3. Creative activities

This activity was performed nicely by the 2nd year students under the guidance of class coordinator Prof. Vishal Chaudhary.

Photographs/Screenshots

Prof. Nikhil Paliwal
Class Co-Coordinator

Prof. Vishal Chaudhary
Class Coordinator

Dr. Sulochana Wadhwani
HOD, EED

Induction Program – An Overview

With the objective to help the newly admitted students adjust to the new environment and inculcate in them the ethos of the institution with a sense of larger purpose, the induction program was conducted for the first-year students admitted in Internet of Things (Offered by Electrical Engineering Department) during 01-05 November 2022.. The Department of Electrical Engineering organised the events for two days i.e. during 03 - 04 November 2022. The total registered students were 78 and 74 students participated in the program.

The induction program comprised of series of talks related to department labs, curriculum (regular as well as honours/minors), student clubs, NPTEL/SWAYAM courses, importance and role of feedbacks, Moodle for education, online lecture tools, role of alumni and placement cell and importance of projects in B.Tech..

Following are the main objectives for conducting the induction program at department level:

- To make the first-year students admitted in the 'Internet of Things' branch feel comfortable in the new environment.

- To make the first-year students admitted in the 'Internet of Things' branch aware about the curriculum, labs, and other aspects of Electrical and Electrical IoT Engineering.

- To allow the first-year students admitted in 'Internet of Things' branch explore their academic interests and activities

Schedule of Induction Program

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA
माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत
A GOVT. AIDED UGC AUTONOMOUS & NAAC ACCREDITED INSTITUTE, AFFILIATED TO R.G.P.V BHOPAL (M.P)

Department of Electrical Engineering

Internet of Things (EE-IoT)

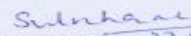Ref. No. 73   Dated: 27.10.2022

SCHEDULE FOR INDUCTION PROGRAM 2022

Date	S.No.	Program	Address by/incharge/ Clubs	Time
		Day-03: Departmental Day		
03 Nov 22 11 AM Onwards	1	Department Presentation	Prof Saurabh Kumar Rajput	11-11:20
	2	Introduction of Faculty, Staff, Students, Research Scholars	Prof Saurabh Kumar Rajput	11:21-11:50
	3	Course Introduction: Credits	Prof. Kuldeep Kumar Swarnkar	11:51-12:10
	4	Start of class announcement/Mode of Teaching	Prof. Kuldeep Kumar Swarnkar	12:11:12:30
	5	Elaborate Every Semester & Its Subjects/ Scheme & Syllabus-DE/DC/OC	Prof. Kuldeep Kumar Swarnkar	12:30-01:00
		Lunch break		01:00-02:00
	6	Mentor-Mentee meeting	Dr. Himmat Singh	02:00-02:20
	7	Interaction with Class Representatives	2nd & 3rd Year Students	02:21-02:40
	8	Creative Activity	Prof Praveen Bansal/ Dr Bhavna Rathore	02:40-3.00
	9	All Lab visit / other activities of the department	Prof Praveen Bansal/ Dr Bhavna Rathore/ Dr Yashwant Sawle/ Prof. Manoj Kumar + Smt Shashi Goel	03:00-4:00
		Day-04: Departmental Day		
04 Nov 22 11 AM Onwards	1	Moodle: Hands On	Prof. Kuldeep Kumar Swarnkar	11.00-11:30
	2	SWAYAM / NPTEL/ Elective/ Open courses offered by Department	Dr Vikram	11:30-12:00
	3	Detail of Examination procedure	Dr Yashwant Sawle /Dr Bhavna Rathore	12:00-12:30
	4	UHV: Universal Human Values: Meditation	Prof. A Patra	12:30-01:00
		Lunch break		01:00-02:00
	5	Importance of Feedback: All kind	Dr Yashwant Sawle	02:00-02:30
	6	Start-up Club	Prof Ankit Tiwari	02:41-03:10
	7	QUIZ / CONTEST	Prof. Kuldeep Kumar Swarnkar	03:10-04:00

Program Venue: Room No. 107

Prof Saurabh K Rajput
Class Coordinator

Prof Kuldeep K Swarnkar
Class Coordinator
25/10/22

Dr S Wadhwani 7 10.22
Prof & Head, EED

Salient Points - Session Details

03rd November 2022 (Morning Session)

1. **Department Presentation and Introduction to faculty, staff, students and research scholars**

The students were warmly welcomed by Prof. Saurabh Kumar Rajput, class coordinator first year. The departmental induction program started with the address of the Head of the Electrical Engineering Department "Dr. Sulochana Wadhwani". She briefed the students about the field of Electrical Engineering and Internet of Things. She congratulated all the students and encouraged them to attend classes regularly.

At the start of the induction, the incumbents learn about the vision, mission, POs and PEOs of the department which were briefed by the Class Coordinator. He also briefed about the faculty and staff members currently working in the department of Electrical Engineering and alumni of the institute working or have worked in the various administrative positions. Prof. Rajput also elaborated the present trends and future prospects of internet of things in the field of electrical engineering. The research expertise of the department along with the introduction of research scholars were also covered here.

2. **Course introduction, Credits, Commencement of classes, Mode of teaching**

The Class Coordinator described the detailed scheme of the Internet of Things branch to the students. The online tools which are very essential for online teaching and the importance of online teaching was described by Prof. Saurabh Kumar Rajput. He also briefed the students about the placement and career options available to the students after the B. Tech Program. The session ended with some queries taken from the students.

3. **Importance of DE/ OC/ MAC/ Flexible curriculum**

The Class Coordinator described the importance and types of department elective (DE) courses, open category (OC) courses, mandatory audit courses (MAC) under the flexible curriculum scheme of the institute. The importance of a flexible curriculum along with major/ minor specialisation was also covered in detail in this session. The session ended with some queries taken from the students.

Day 01: 03rd November 2022 (Afternoon Session)

1. Mentor mentee meeting

As per the institute guidelines, the mentor mentee scheme was first introduced to the newly admitted students and then the mentor mentee list was shared with the students. The student mentors were asked to create an official whatsapp group and add all the mentee students. The first meeting under this scheme was also conducted, in which all the mentee students and student mentors were present. At the end of the meeting the distribution of toffees were also done according to guidelines given by Dr. C.S. Malvi through email.

2. Interaction with class representatives

The class representatives and student coordinators from the different committees, studying in the 2nd, 3rd and 4th year shared their experiences of time spent in the institute. Followings points were shared by the senior students-

    i. Role and responsibilities of class representatives (CRs).
    ii. Role and responsibilities of Alumni cell student representatives.
    iii. Role and responsibilities of BoS student representatives.
    iv. Role and responsibilities of OBE student coordinators.
    v. Role and responsibilities of department placement cell student representatives.

In the end, student representatives from 2nd, 3rd and 4th year also explained the advantages of these responsible posts during placements.

3. Creative activities

This activity was performed nicely by the 2nd, 3rd and 4th students under the guidance of faculty members.

4. Lab visits

During the lab visit, following labs are shown

    i. Basic Electrical Engineering Lab by Er. Rajesh Sharma.
    ii. Digital Electronics & Microprocessor lab, Analog Electronics lab, Minor Project lab and Control System lab by Dr. Vikram, Assistant Professor.
    iii. Power System lab and Switchgear & Protection lab by Prof. BhavnaRathore, Assistant Professor and Mr. Ravi Gupta.
    iv. Computer lab by Prof. BhavnaRathore, Assistant Professor.
    v. Power Electronics lab and Electrical Drives lab by Prof. Manoj Kumar, Assistant Professor.
    vi. Measurement & Instrumentation lab and Virtual Instrumentation lab by Smt. Shashi Goel.
    vii. Electrical Machines - I lab and Electrical Machines - II lab by Prof. Praveen Bansal, Assistant Professor.
    viii.High Voltage lab and Process Instrumentation lab by Mr. Ravi Gupta.

Renewable energy lab by Prof. Vishal Chaudhary, Assistant Professor.

The session ended with some queries taken from the students.

Day 02: 04th November 2022 (Morning Session)

1. **Moodle hands-on training**

The hand-on training on MOODLE was conducted by the class coordinators and following activities were covered.

    i.   How to Login the MOODLE.

    ii.   How to access the subject/faculty wise MOODLE page.

    iii.   How to access the central level activities on MOODLE.

    iv.   How to submit the assignment/quizzes on MOODLE.

    v.   How to mark the self attendance on MOODLE.

The session ended with some queries taken from the students.

2. **SWAYAM/ NPTEL**

The information related to the SWAYAM/NPTEL courses and important instructions related to the enrolment, assignments, weblinks and exams were briefed to the students by Prof. Praveen Bansal and Dr. Vikram.

3. **Examination procedure**

The procedure of the examination was explained in detail to the students of first year by Dr. Vijay Bhuria and Prof. Nikhil Paliwal. Dr. Bhuria also answered all the questions asked by the students during the discussions. The following points has been discussed with the first year students:

    i.   The COs and bloom's level taxonomy mapped question papers

    ii.   Structure of questions papers

    iii.   Timely submission of exam form

    iv.   Criteria for forwarding the examination form by the department.

The session ended with some queries taken from the students.

4. **Universal Human Values**

This activity was performed by Prof. AsishPatra.

04th November 2022 (Afternoon Session)

1. **Importance of feedback**

The importance of different feedback was explained by Prof. Rakesh Narvey and Dr. YashwantSawle. He explained the different stack-holders involved in the feedback system and their role and responsibilities. Following feedback were explained by Prof. Rakesh Narvey and Dr. YashwantSawle-

    i.   Curriculum/ Course content feedback.

    ii.   Feedback on lab course

    iii.   CO feedback.

    iv.   PO feedback.

    v.   Parent satisfaction survey/ feedback.

    vi.   Faculty feedback etc.

The eligibility and procedure for filling the feedback were also explained by Prof. Rakesh Narvey and Dr. YashwantSawle.

2. **Quiz/ Activities**

This activity was performed nicely by the 2nd, 3rd and 4th students under the guidance of faculty members and class coordinators.

3. **Start -up club**

This activity was performed by Prof. Ankit Tiwari. The following points has been discussed with the first year students:

     i.   Need of startups in engineering education.
    ii.   Types of startups.
   iii.   Brief about Vision and Mission of Institute's startup cell.
   iv.   How can an Idea be converted into startups?
    v.   Advantages of doing internships in startups.
   vi.   Details about Institute's startup cell coordinators and team members.

Outcomes

First-year students admitted in the Internet of Things (offered by Electrical Engineering Department) branch were aware about the curriculum, labs, and other aspects of IoT Engineering.First-year students admitted in Electrical and Electrical-IoT branches explored their academic interests and activities after attending the sessions.

The two days department level induction program of B.Tech. First year students admitted in the Internet of Things Program of the Electrical Engineering Department in November 2022 ended with discussions with department faculty members and a photograph session.

Prof Saurabh K Rajput
Assistant Professor
& Class Coordinator

Prof. Kuldeep K Swarnkar
Assistant Professor
&Class Coordinator

Dr. Sulochana Wadhwani
Prof. & Head, EE

Photographs of Deptt. Induction Program (03-04' Nov, 2022)

Department of Engineering Mathematics & Computing

Title of the Programme	:	MAC First Year Induction Program 2022
Date	:	03-04 Nov. 2022
Venue	:	SH- 9
Number of Participants	:	68, 65 resp. (enclosed).

Objective:

1. Welcoming to the first semester.
2. To make aware about the scheme of the present semester.
3. To be familiar with the examination process and self-learning and SWAYAM NPTEL Courses.
4. Brief of Flexible Curriculum, NEP-2020, Projects, internships and Importance of Feedback (CO, PO, Faculty and Curriculum).
5. Discussion on Outcome Based Education (OBE).
6. MOODLE Training
7. To be familiar with Incubation, Innovations and Startups.
8. Interaction with Student Counsellor of institute.
9. To make aware about Universal Human Values.

Snapshots: (enclosed)

Outcomes of Workshop: The following outcomes were taken up from the activity-

- Students became able to know about self-learning, NEC and SWAYAM NPTEL courses.

- Students are now familiar with examination patterns and processes.

- Students know about Flexible Curriculum, NEP-2020, Projects, internships.

- Students performed during the activity and showed their talents.

- The importance of Feedback (CO, PO, Faculty and Curriculum) is discussed.

- Students are now familiar with MOODLE.

- Students know about Incubation, Innovations and Startups.

- Students have Interaction with the Student Counsellor of the institute.

- Students made aware about Universal Human Values.

Dr. Minakshi Dahiya and Dr. Divya Chaturvedi   **Dr. V. P. Shinde**

Coordinators MAC First Year Induction Program 2022   Prof. and Head

Department of Computer Science and Engineering
Program: MCA/M.Tech.

Two Days Induction Program for MCA/M.Tech. I Semester was scheduled on 3rd – 4th November 2022 at 11:00 AM. The program details are as follows:

DAY 1 & DAY 2:

1. Dr. Manish Dixit, HOD, welcomed all the students and informed them about the vision and mission of the department and also informed about the importance of feedback, parent teacher meetings, career opportunities, importance of internships.

2. Dr. R. S. Jadon, informed about the 2 year MCA Programme and also informed about DE, OC, Alumni interaction & AI club.

3. Dr. Anshu Chaturvedi, introduced the department faculty, staff, research & scholar and also discussed the scheme and syllabus of MCA.

4. Prof. Mahesh Parmar, discuss the scheme and syllabus of M. Tech.

5. Prof. Arun Kumar, informed how to access Moodle and also informed about extension activities. He had taken the quiz and feedback from the students.

6. Prof. Hemlata and Prof. Jigyasa, organised a wonderful game for students.

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

Department of CSE

Induction Programme MCA First year 2022

Day -4 Department Day

S.No.	Points to be cover	Time	Resource Person
1.	Syllabus DT DCCE SWAYAM NPTEL Elective Open across offered by Department	11:00-11:30 A.M.	Dr. R.S. Jadon
2.	Career Opportunities/Placement Details	11:30-12:30 P.M.	Mr. Vikram Singh
3.	Detail of Examination procedure	12:00-12:30 P.M.	Dr. P.K. Singhal & Examination Team
4.	Alumni Interaction	12:30-1:30 P.M.	Dr. R.S. Jadon
5.	Lunch break	1:30-2:30 P.M.	
6.	Departmental and extension activities and Clubs: Artifical Intelligence Club (Dr. R.S. Jadon) Extension Activities of Department (Prof. Arun Singh Bora)	2:30-3:00 P.M.	Conducted by each Club Coordinators Each club performance items in 20 minutes only (each club coordinator manage their time accordingly)
7.	Quiz and Feedback	3:00-4:00 P.M.	Prof. Arun Singh Bora
8.	All Lab visit of the department	4:00-4:30 P.M.	Prof. Arun Singh Bora
9.	Mentor-Mentee meeting	4:30-5:00 P.M.	Concerning Mentors

*Concerning Club Coordinator, need to coordinate and make sure that activities are conducted in time with classes.

Ms. Jwala Jha   Dr. Astha Chaturvedi

27/10/22
Dr. Manish Dixit

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

Department of CSE

Induction Programme MCA First year 2022

Day -3 Department Day

S.No.	Points to be cover	Time	Resource Person
1.	About MCA Programme	11:00-11:30 A.M.	Dr. R. S. Jadon
2.	Introduction of department Faculty, Staff, students, Research and Scholar	11:30-11:55 P.M.	Dr. Astha Chaturvedi
3.	HOD Message & (Vision & Mission) of Department	11:55-12:15 P.M.	Dr. Manish Dixit HOD CSE
4.	Introduction to scheme, Credits Class announcement mode of teaching Scheme & Syllabus	12:15-12:30 P.M.	Dr. Astha Chaturvedi
5.	MOODLE Training	12:30-1:00 P.M.	Prof. Arun Singh
6.	Lunch break	1:00-2:00 P.M.	
7.	Introduce Yourself	2:00-4:00 P.M.	All First Year Students
8.	UHV Universal Human Values Meditation /Creative/Sports/Holistic Club	4:00-5:00 P.M.	Prof. Hemlata Arya Prof. Jigyasa Mishra

Ms. Jwala Jha   Dr. Astha Chaturvedi

27/10/22
Dr. Manish Dixit
HOD CSE

At the end of every session, there was a question-answer session where students were allowed to ask any query regarding the topics covered by the faculties and also to interact with other faculties. Students really enjoyed the session and found it was very useful for them. Overall the program was very successful.

Prof. Mahesh Parmar Dr. Parul Saxena Dr. Manish   Dixit M.Tech. 1st Year
Coordinator MCA 1st Year Coordinator Professor & Head, CSE

DAY - 5

"GWALIOR VISIT"

Gwalior visit has been organised for the first-year students as a part Induction program on 05th November, 2022 from 8.00 am-2.00 pm.

The tour started from MITS in the morning at 8.00 am. Approximately 700 students had participated in the visit and 71 Faculty members and supporting staff monitored the Gwalior visit. Total fifteen buses were hired and faculties were given the duty to sit with students.

❖ The first visit was the Chhatris, which are the memorial of Scindia dynasty rulers of Gwalior. Situated near katora tal, the Chhatris of the Scindia dynasty are among the prominent attractions in Gwalior city. The first chhatri was built in 1817 CE to commemorate Jayaji Rao Scindia.

❖ The second visit was Maharaja Bada, heart of Gwalior, where students saw the market and heritage buildings and went towards gopachal parvat via sarafa market & shinde ki chhawani.

❖ The third visit was Gopachal Parvat Jain monuments, which are a group of Jain carvings dated to between 7th and 15th century. They are located around the walls of the Gwalior Fort., depict Tirthankaras in seated Padmasana posture as well as standing Kayotsarga posture, in the typical naked form of Jain iconography.

❖ After the third visit, all the students and staff members moved to the theme road and visited Maharani Lakshmi Bai Park, a memorial situated in the Phool Bagh area of Gwalior, Madhya Pradesh. The Samadhi of Rani Lakshmi Bai is located here and is one of the best places to visit in Gwalior.

(Dr Manish Kumar Sagar)
Coordinated the Gwalior Visit.
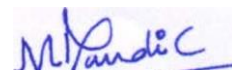
Summary

The student must have moral principles, the necessary knowledge, and the necessary civic and professional abilities to graduate. Most students who lose interest in their field of study, such as engineering, also lose the desire to learn. The purpose of the induction programme is to habituate newly enrolled students, encourage them to explore their academic interests and extracurricular activities, lessen competition and encourage them to strive for excellence, foster a sense of community among them, establish relationships between teachers and students, provide a wider perspective on life, and develop their character.

Compiled by Dean Academic Office:
Date: 02.12.2022

Dr. Manjaree Pandit
Dean Academics