

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners.

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Introduction

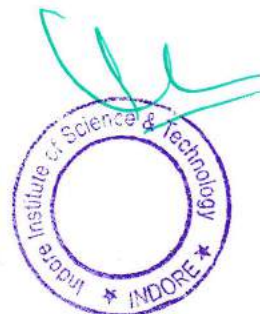
The institution takes a systematic approach to student development, ensuring that learners build a strong foundation in their skill set and excel in both academics and overall personal growth. The institution implements the best practices in teaching and learning with established procedures and regular assessments. Students are assessed based on their performance in qualifying-examinations, mid-term exams, and assignments.

Individualized Support: Faculty is readily available to support students through individual counseling, remedial coaching, extra notes, and group discussions. Additionally, slow learners are encouraged to participate in internal-examinations and academic activities to boost their confidence and overall development.

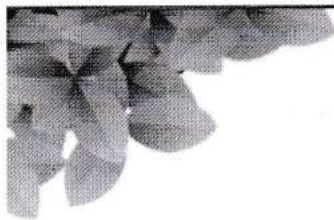
Enriching Advanced Learners: The institution goes beyond the standard curriculum for advanced learners, seminar sessions and self-directed learning opportunities. They are also encouraged to participate in experimental learning through industrial tours and visits and in innovative projects. Opportunities to compete in national/international competitions further enhance their skills and confidence.

Additional Credits: Both slow and advanced learners can earn additional credits through MOOCs on NPTEL, covering both basic and emerging trends.

Building Confidence: The institution fosters a vibrant campus environment that promotes personal growth through various activities, including NSS, cultural-programs, and sports. These activities help students develop their confidence, communication skills, and overall personality.



Institute Remedial Policy



**Indore Institute of
Science & Technology**

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Remedial Policy Document of IIST

REMEDIAL POLICY

The IQAC meeting held on 31.12.2022 resolved to formulate policy guidelines for remedial classes and the methodology to identify the beneficiaries. It was also resolved to frame special strategies for advanced learners. Accordingly, the IQAC form a draft guideline and were submitted to the governing body for perusal and approval. The guidelines after final approval are:

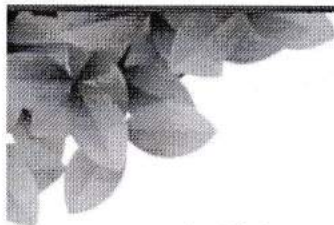
1. Delineate the students as advanced, average, and slow learners according to the scores of evaluation marks.
Criteria (based on percentage scores) in the evaluation:
 - 0-49 – slow learners
 - 50-85 – average
 - 85 and above advanced
2. Provide remedial classes compulsorily to all students below 50% scores or attendance less than 75% and to those students with genuine interest. Firstly, familiarise the basics of each discipline according to the syllabus for remedial courses. Secondly, give clarifications and remedial coaching for the topics in each semester to the beneficiaries.
3. Faculty prepare and distribute self-learning materials that suit the requirements of slow learners.
4. Slow learners are motivated to engage in various clubs to increase their involvement in the academic activities of the department.
5. Group assignments and projects are given to slow learners.



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6. All departments are advised to keep registers separately for remedial classes.
7. Syndicate incharge will provide individual counselling to motivate the students.
8. Motivate the slow learner for basic MOOC courses registration.
9. Utilise the skills and knowledge of the advanced learners to improve the mastery and subject knowledge of the slow learners and those with genuine interest.
10. Assign Practice question (Higher order thinking level questions) on contemporary issues to advanced learners.
11. Advance learners should be encouraged to participate and present papers in Journal and conference.
12. Besides, they are to be motivated to prepare for competitive exams like NET/JRF/JAM etc.
13. Motivate the advance learner to undertake online courses in MOOC, NPTEL and Edx platforms.
14. Advanced learners are to be encouraged to participate in National and International Competitions like SIH, eYantra and along with one or two slow learners.
15. They are to be given cash awards, medals, merit certificates and other recognitions.



Dr. Keshav Patidar
Principal, IIST Indore
Principal

Indore Institute of Science
and Technology, Indore



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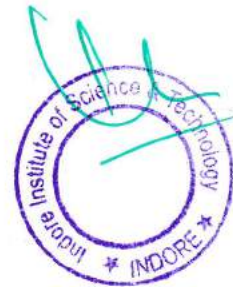
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Activities conducted for Slow learners.

1. Remedial Coaching
2. Individual counselling.
3. Extra notes.
4. Group discussion session.
5. Internal examination process.
6. Encouragement in NSS, Sports, and academic activities.
7. Massive open online courses (Basic Courses) are recommended for earning additional credits – NPTEL.



Sample Remedial Class Notices from Civil Engineering Department

Indore Institute of Science and Technology
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DATE: 26/09/2022

NOTICE

This is to inform the students mentioned below that your Remedial/ Backup classes are scheduled on Saturday i.e. 01/10/2022. All of you should meet your respective subject faculties on the mentioned date for classes.

5th Sem Students

S.no.	Enrollment No.	Name	MST 01 marks	Subject Code
1	0818CE201005	ARYAN PAL	8	CE 501
2	0818CE201011	HIMANSHU SHUKLA	9	
3	0818CE201012	JYOTSNA NAMDEO	2	
4	0818CE201015	KARAN BISHNOI	6	
5	0818CE201030	SANDEEP YADAV	9	
6	0818CE201034	TARUN PATHOD	3	
7	0818CE201037	YOGESH JAISWAL	9	
8	0818CE201003	ANKIT JANI	2	
9	0818CE201005	ARYAN PAL	6	CE 502
10	0818CE201006	ASHUTOSH PANERI	6	
11	0818CE201007	CHAITANYA DAWAR	8	
12	0818ce201008	CHETAN WAGLE	8	
13	0818ce201009	DHRUV DWIVEDI	7	
14	0818CE201011	HIMANSHU SHUKLA	7	
15	0818CE201012	JYOTSNA NAMDEO	5	
16	0818CE201015	KARAN BISHNOI	4	
17	0818CE201023	RAHUL SINGH	6	
18	0818CE201030	SANDEEP YADAV	10	
19	0818CE201033	SURYA PRATAP SINGH	7	
20	0818CE201034	TARUN PATHOD	2	
21	0818CE201037	YOGESH JAISWAL	8	
22	0818CE201003	ANKIT JANI	3.5	
23	0818CE201007	CHAITANYA DAWAR	8.5	CE 503
24	0818ce201008	CHETAN WAGLE	6	
25	0818CE201016	KARTIKEY SHUKLA	9	
26	0818CE201019	NIDHI AMBEKAR	10	
27	0818CE201026	ROHAN PARIHAR	10	



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28	0818CE201030	SANDEEP YADAV	6	CE 504
29	0818CE201031	SHARIK SHEIKH	8.5	
30	0818CE201032	SHIVLESH KUMAR VERMA	6.5	
31	0818CE201037	YOGESH JAISWAL	8.5	
32	0818CE201003	ANKIT JANI	1	
33	0818CE201007	CHAITANYA DAWAR	8.5	
34	0818CE201011	HIMANSHU SHUKLA	9	
35	0818CE201012	JYOTSNA NAMDEO	6	
36	0818CE201016	KARTIKEY SHUKLA	8	
37	0818CE201024	RAJ SANGRE	6	
38	0818CE201026	ROHAN PARIHAR	5	
39	0818CE201028	ROHIT PURI GOSWAMI	6	
40	0818CE201032	SHIVLESH KUMAR VERMA	8	
41	0818CE201033	SURYA PRATAP SINGH	9	
42	0818CE201037	YOGESH JAISWAL	8	

3rd Sem Students

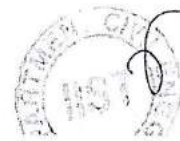
S.no.	Enrollment No.	Name	MST 01 marks	Subject Code
1	0818CE211001	AABID HUSSAIN DAR	3	BT 301
2	0818CE211003	AAYUSH DAWAR	1	
3	0818CE211005	ABHISHEK NARGAWE	4	
4	0818CE211006	AKSHAT GOUD	4	
5	0818CE211007	AMAN TAYDE	0	
6	0818CE211008	ANUSHKA UMATE	8	
7	0818CE211009	AVADH BIHARI PANDAY	0	
8	0818CE211011	BHAVESH PANDAGRE	0	
9	0818CE211013	HARDIK CHOUKSEY	8	
10	0818CE211015	HEMANT SHARMA	9	
11	0818CE211022	MADHU BHURIYA	0	
12	0818CE211023	RAJ HANVAT	0	
13	0818CE211025	RAJU YADAV	0	
14	0818CE211027	ROHAN SITOLE	9	
15	0818CE211028	ROHIT AHIRWAR	8	
16	0818CE211029	SAKSHAM PARDESHI	2	
17	0818CE211030	SHUBHAM SINGH	0	
18	0818CE211034	VIJAY PAWAR	9	
19	0818CE211001	AABID HUSSAIN DAR	5	CE-302



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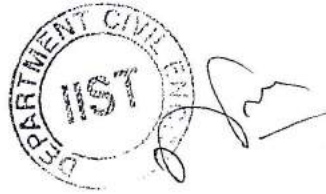
20	0818CE211002	AANAND VISHVKARMA	0		
21	0818CE211003	AAYUSH DAWAR	8		
22	0818CE211005	ABHISHEK NARGAWE	1		
23	0818CE211006	AKSHAT GOUD	8		
24	0818CE211007	AMAN TAYDE	6.5		
25	0818CE211008	ANUSHKA UMATE	5		
26	0818CE211009	AVADH BIHARI PANDAY	8		
27	0818CE211011	BHAVESH PANDAGRE	5		
28	0818CE211013	HARDIK CHOUKSEY	3		
29	0818CE211015	HEMANT SHARMA	8		
30	0818CE211018	JATIN KADAM	5		
31	0818CE211022	MADHU BHURIYA	2.5		
32	0818CE211023	RAJ HANVAT	3.5		
33	0818CE211025	RAJU YADAV	3		
34	0818CE211027	ROHAN SITOLE	8.5		
35	0818CE211028	ROHIT AHIRWAR	2		
36	0818CE211029	SAKSHAM PARDESHI	8		
37	0818CE211030	SHUBHAM SINGH	4		
38	0818CE211001	AABID HUSSAIN DAR	5		CE 303
39	0818CE211002	AANAND VISHVKARMA	4		
40	0818CE211003	AAYUSH DAWAR	9		
41	0818CE211005	ABHISHEK NARGAWE	1		
42	0818CE211007	AMAN TAYDE	3		
43	0818CE211008	ANUSHKA UMATE	8		
44	0818CE211009	AVADH BIHARI PANDAY	10		
45	0818CE211011	BHAVESH PANDAGRE	0		
46	0818CE211013	HARDIK CHOUKSEY	7		
47	0818CE211023	RAJ HANVAT	0		
48	0818CE211025	RAJU YADAV	0		
49	0818CE211028	ROHIT AHIRWAR	10		
50	0818CE211030	SHUBHAM SINGH	6		
51	0818CE211034	VIJAY PAWAR	9		
52	0818CE211003	AAYUSH DAWAR	7		CE 304
53	0818CE211005	ABHISHEK NARGAWE	3		
54	0818CE211007	AMAN TAYDE	1		
55	0818CE211008	ANUSHKA UMATE	10		
56	0818CE211011	BHAVESH PANDAGRE	7		
57	0818CE211013	HARDIK CHOUKSEY	7		



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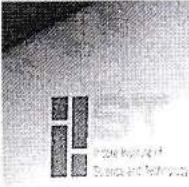
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58	0818CE211018	JATIN KADAM	7	
59	0818CE211023	RAJ HANVAT	0	
60	0818CE211025	RAJU YADAV	2	
61	0818CE211028	ROHIT AHIRWAR	4	
62	0818CE211030	SHUBHAM SINGH	2	
63	0818CE211003	AAYUSH DAWAR	0	
64	0818CE211004	AAYUSH LOKHANDE	8	
65	0818CE211005	ABHISHEK NARGAWE	0	
66	0818CE211006	AKSHAT GOUD	4	
67	0818CE211007	AMAN TAYDE	0	
68	0818CE211008	ANUSHKA UMATE	8	
69	0818CE211009	AVADH BIHARI PANDAY	5	
70	0818CE211011	BHAVESH PANDAGRE	0	
71	0818CE211015	HEMANT SHARMA	9	
72	0818CE211025	RAJU YADAV	4	
73	0818CE211027	ROHAN SITOLE	5	
74	0818CE211029	SAKSHAM PARDESHI	4	
75	0818CE211030	SHUBHAM SINGH	0	



H.O.D.
Civil Engineering Department





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DATE: 31/08/2022

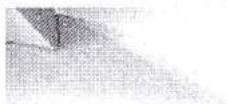
NOTICE

This is to inform the students mentioned below that your Remedial/ Backup classes are scheduled on Saturday i.e. 03/09/2022. All of you should meet your respective subject faculties on the mentioned date for classes.

7th Sem Students

S.no.	Enrollment No.	Name	MST 01 marks	Subject Code
1	0818CE191001	AAYUSH CHOUHAN	8	CE 701
2	0818CE191002	ABHAY PATEL	10	
3	0818CE191003	AKSHAY JADHAV	0	
4	0818CE191005	AMAN PATEL	3	
5	0818CE191006	AMAN RAYEEN	0	
6	0818CE191007	AMAN VIKAS SHARMA	2	
7	0818CE191009	ARVIND CHOUKIKER	0	
8	0818CE191012	BHUPENDRA JITPURE	5	
9	0818CE191013	CHANCHAL SUNAHARE	2	
10	0818CE191016	EKTA SHIWANI	8	
11	0818CE191017	GOPAL CHOUHAN	3	
12	0818CE191018	GOUTAM RAO	4	
13	0818CE191019	Harsh Gupta	10	
14	0818CE191020	HARSHIT AWASIYA	8	
15	0818CE191022	IMRAN SHAH	5.5	
16	0818CE191024	LALIT SHINDE	9	
17	0818CE191025	MASOOD KHAN	3.5	
18	0818CE191026	MEHMOOD HASAN SHEIKH	2	
19	0818CE191027	MOHAMMED GUJRIWALA	8	
20	0818CE191029	MOHIT PANWAR	7	
21	0818CE191030	Momin Hassan Dar	0	
22	0818CE191033	NAVNEET AMBULKAR	5	
23	0818CE191035	NITESH SINGH	0	
24	0818CE191037	PRINCE JAMRA	10	
25	0818CE191038	RAJDEEP BANDAWADE	0	
26	0818CE191040	RITESH RAJPUT	5	
27	0818CE191042	ROHIT	3	





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28	0818CE191056	YASEEN QURESHI	8
29	0818CE191057	YASIR SILAWAT	8
30	0818CE203D02	ANKIT YADAV	1
31	0818CE181010	PRATEEK MANE	5
32	0818CE191010	AWEZ AHMED KHAN	8
33	0818CE191018	GOUTAM RAO	9
34	0818CE191024	LALIT SHINDE	7
35	0818CE191026	MEHMOOD HASAN SHEIKH	3
36	0818CE191027	MOHAMMED GUJRIWALA	10
37	0818CE191029	MOHIT PANWAR	8
38	0818CE191030	Momin Hassan Dar	A
39	0818CE191033	NAVNEET AMBULKAR	5
40	0818CE191035	NITESH SINGH	2
41	0818CE191037	PRINCE JAMRA	9
42	0818CE191038	RAJDEEP BANDAWADE	8
43	0818CE191042	ROHIT	7
44	0818CE191044	SANTOSH YADAV	4
45	0818CE191056	YASEEN QURESHI	10
46	0818CE191057	YASIR SILAWAT	5
47	0818CE191058	YOGESH BALOD	0
48	0818CE203D01	AMISHA PAL	10
49	0818CE203D02	ANKIT YADAV	4
50	0818CE203D03	SUMIT YADAV	0
51	0818CE203D04	MD. ZAHIR MIR	0
52	0818CE181010	PRATEEK MANE	9



H.O.D.
Civil Engineering Department



Sample Remedial Class Timetable from Civil Engineering Department

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY
 DEPARTMENT OF CIVIL ENGINEERING
Remedial Class TIME-TABLE: ACADEMIC YEAR: 2022 - 23 (EVEN SEMESTER)

Class Coordinator
 Ms. Poonam Bagora

STRENGTH OF CLASS : 30

TIME / DAY	9:10 to 10:10	10:10 to 11:00	11:00 to 11:50	11:50 to 12:40	Lunch	1:50 to 2:50	3:00 to 3:50	3:50 to 4:50
SATURDAY	CE001 RCC I	CE002 EE I	CE003A WRE	CE004C FS II		CE001 RCC I	CE004C FS II	CE002 EE I
	AP	SSM	PKD	PB		AP	PB	SSM
Sub. Code	Subject		Faculty		Room No.	Lab Technician		
CE-001	Structural design and drawing		Mr. Anshul Pandey		R-5	Mr. Manish Pradesi/Mr. Ratnakar		
CE-002	Environmental Engineering I		Ms. Shama Sharma		R-5			
CE-003A	Water Resources Engineering		Mr. Prashant Kumar Dubey		R-5			
CE-004C	Fluid Mechanics II		Ms. Poonam Bagora		R-5	Mr. Manish Pradesi/Mr. Ratnakar		

HOD, CED

Principal

Civil Engineering III Year

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY
 DEPARTMENT OF CIVIL ENGINEERING
Remedial Class TIME-TABLE: ACADEMIC YEAR: 2022 - 23 (EVEN SEMESTER)

Class Coordinator
 Mr. Mahaveer Dangl

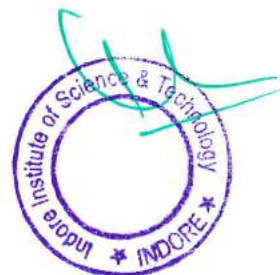
STRENGTH OF CLASS : 30

TIME / DAY	9:10 to 10:10	10:10 to 11:10	11:10 to 12:10	12:10 to 1:10	Lunch	1:50 to 2:50	2:50 to 3:50	3:50 to 4:50
SATURDAY (Working Saturday)	ES401 EEE	CE404 TE	CE405 EG & RS	CE403 SA-I		CE402 CT	CE402 CT	CE403 SA-I
	PB	MD	AP	SA-I		PKD	PKD	SA-I
Sub. Code	Subject		Name of Faculty		Room No.	Lab Technician		
CE-401	Energy and Environmental Engineering		Ms. Poonam Bagora		R-5			
CE-402	Construction Technology		Mr. Prashant Kumar Dubey		R-5	Mr. Manish Pradesi/Mr. Ratnakar		
CE-403	Structural Analysis-I		Mr. Shashank Agrawal		R-5	Mr. Manish Pradesi/Mr. Ratnakar		
CE-404	Transportation Engineering		Mr. Mahaveer Dangl		R-5	Mr. Manish Pradesi/Mr. Ratnakar		
CE-405	Engineering Geology & Remote Sensing		Mr. Anshul Pandey		R-5	Mr. Manish Pradesi/Mr. Ratnakar		

HOD, CED

Principal

Civil Engineering II Year



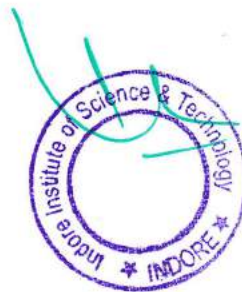
INDORE INSTITUTE OF SCIENCE & TECHNOLOGY DEPARTMENT OF CIVIL ENGINEERING REMEDIAL CLASS TIME-TABLE: ACADEMIC YEAR: 2022 - 23 (ODD SEMESTER)									
Class Coordinator Mr. Anshul Pandey									
CLASS - OFFLINE Class - CE- IV Year	09:10 - 10:00	10:00 - 10:50	10:50 - 11:40	11:40 - 12:30	12:30 - 01:20	01:30 - 01:50	01:50 - 02:45	02:45 - 03:40	
SATURDAY	CE701 GEOTECH MKN	CE701 GEOTECH MKN	CE702B EE I SSH	CE702B EE I SSH		CE-701 IOT PQP	CE-701 IOT PQP	CE-701 GEOTECH MKN	
Sub. Code	Subject		Name of Faculty						
CE-701	Geotechnical Engineering		Mr. Manish Kumar Nimoriya						R-6
CE-702B	Environment Engineering		Ms. Shonu Sharma						R-6
CE-703A	Internet of Things		CSE team						R-6

Timetable IC

Principal



Civil Engineering IV Year



Sample Remedial Class Notices from Computer Science and Engineering Department



Indore Institute of Science and Technology

Department of Computer Science and Engineering

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Date: - 03/06/2023

NOTICE

Dear Students,

As we strive for academic excellence, we understand that some of you may benefit from additional support and guidance. To address this, we are pleased to remind you about the Saturday Remedial Classes that will be held each Saturday.

These classes are designed to provide extra assistance, clarification, and practice to help you grasp the concepts covered during the week. Our goal is to ensure that every student feels confident and capable in their studies.

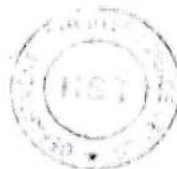
Whether you are facing challenges in a particular subject or simply want to reinforce your understanding, these sessions are open to all. Our dedicated teachers will be there to answer your questions, provide additional examples, and offer any necessary support to enhance your learning experience.

Branch - CSE 8th Sem

Date: Every Saturday

Location: Room No:19

HOD



PRINCIPAL



Indore Institute of Science and Technology
Department of Computer Science and Engineering
Saturday Remedial Classes
Jan-June 2023
Semester- VIII

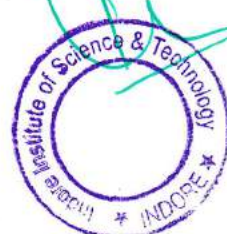
S.NO	Enroll Number	Name	Remedial Classes needed or not - Y/N*
1	0818CS191001	AARU BHAWSAR	YES
2	0818CS191002	ABHIJEET SINGH	YES
3	0818CS191003	ADARSH YADUWANSHI	NO
4	0818CS191004	ADITHYAN RASIA	NO
5	0818CS191005	ADITYA KUMAR PANDY	YES
6	0818CS191006	ADNAN QURESHI	YES
7	0818CS191007	AJEET JAI	NO
8	0818CS191008	AJEET SINGH CHOBIAN	YES
9	0818CS191009	AKSHAT UDEENIYA	YES
10	0818CS191010	AMAN GUPTA	NO
11	0818CS191011	AMAN KUMAR	YES
12	0818CS191012	AMAN MALVIYA	NO
13	0818CS191013	AMAN NIGAM	YES
85	0818CS191014	AMAN SINGH CHAUHAN	NO
15	0818CS191015	AMAN SINGH TAWAR	YES
16	0818CS191016	AMUL SETHI	NO
17	0818CS191017	ANAMIKA PATEL	YES
18	0818CS191018	ANAND SINGH MEHRA	YES
19	0818CS191019	ANANTI RAJ VERMA	NO
20	0818CS191020	ANANYA PANDEY	YES
6	0818CS191021	ANIRUDH MUKATI	NO
22	0818CS191022	ANJALI MUKATI	NO
23	0818CS191023	ANKIT KATHIYAL	NO



24	0818CS191024	ANKIT KUMAR SAKET	YES
25	0818CS191025	ANKIT YADAV	NO
26	0818CS191026	ANKITA SONI	YES
27	0818CS191027	ANSHIKA GUPTA	YES
28	0818CS191028	ANSHIKA NEMA	NO
29	0818CS191029	ANSHUL CHOUBEY	YES
30	0818CS191030	ANUJ JOSHI	NO
31	0818CS191031	ANURAG MISHRA	YES
32	0818CS191032	ARJAV JAIN	YES
33	0818CS191033	ATHARAV SINGH RAJPUT	NO
34	0818CS191034	AVADHESH YADAV	YES
35	0818CS191035	AYUREE THAKUR	NO
36	0818CS191036	AYUSH DWIVEDI	NO
37	0818CS191037	AYUSH RAGHUVANSHI	NO
38	0818CS191038	AYUSH SINGH PANWAR	YES
39	0818CS191039	AYUSHI JADHAV	NO
40	0818CS191040	AYUSHI JAIN	YES
41	0818CS191041	AYUSHI KUMARI SINGH	NO
42	0818CS191042	BALRAM RAGHUWANSHI	YES
43	0818CS191043	CHANDRASHEKHAR CHOUHAN	YES
44	0818CS191044	CHARU PATIDAR	NO
45	0818CS191045	CHIRAG AGRAWAL	YES
46	0818CS191046	DAMINI SAHU	NO
47	0818CS191047	DEEPAK PANJIYAR	YES
48	0818CS191048	DEEPAK SOLANKI	NO
49	0818CS191050	DEEPIKA NEGI	YES
50	0818CS191051	DHEERAJ JOSHI	NO
51	0818CS191052	DHRUV AGRAWAL	YES
52	0818CS191053	DIVYA RAUI	NO
53	0818CS191054	DURVA KUL KARNI	NO



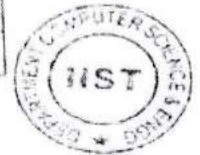
54	0818CS191055	FAIZAN MANSOORI	NO
55	0818CS191056	GEETIKA SINGH RATHORE	NO
56	0818CS191057	HARISH RAJPUT	NO
57	0818CS191058	HARPREET KOUR ARORA	NO
58	0818CS191059	HARSH JAISWAL	NO
59	0818CS191060	HARSH KALAM	YES
60	0818CS191061	HARSH SAHU	NO
61	0818CS191062	HARSH YADAV	NO
62	0818CS191063	HARSHITA KASHYAP	NO
63	0818CS191064	HEMANT MULCHANDANI	NO
64	0818CS191067	HIMANSHU NEGI	YES
65	0818CS191068	HRITIKA JOSHI	YES
66	0818CS191069	IDRISH BOHRA	NO
67	0818CS181084	NIKHIL KUMAWAT	YES
	0818CS191066	Himanshu Mande	YES
	0818CS191070	Ishank Yadav	YES
	0818CS191071	Jahanvi Raikwar	NO
	0818CS191072	Jay Kumar	NO
	0818CS191073	Jayesh Kushwah	YES
	0818CS191074	Juhi Patel	NO
	0818CS191075	Jyotiraditya Kedare	NO
	0818CS191076	K Dhawal Verma	NO
	0818CS191077	Kajal Gyanchandani	NO
	0818CS191078	Kanhaiyalal Vakthariya	NO
	0818CS191079	Kapil Yadav	YES
	0818CS191081	Kartik Sharma	YES
	0818CS191083	Ketan Altarde	NO
	0818CS191084	Kriti Mishra	NO
	0818CS191085	Kuldeep	YES
	0818CS191086	Kunal Parmar	YES



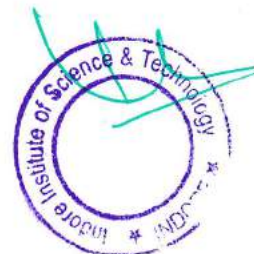
0818CS191087	Kunal Sharma	NO
0818CS191088	Lokesh Datt	NO
0818CS191089	Anand Patil	NO
0818CS191090	MADHVI SONERA	NO
0818CS191091	MAHI PATEL	YES
0818CS191092	MANISH VERMA	NO
0818CS191093	MAULESH NAGAR	NO
0818CS191094	MAYANK SONI	YES
0818CS191095	MAYANK V	NO
0818CS191096	MAYUR YADAV	NO
0818CS191097	MEGHALI LIKHAR	NO
0818CS191098	MIRZA FAIZAN BAIG	NO
0818CS191099	MITALI SINGH	YES
0818CS191100	MOHD AYAN ABBASI	NO
0818CS191101	MOHD FAIZ ALI KHAN	NO
0818CS191102	MOHIT SINGH CHAMYAL	YES
0818CS191103	MOHIT SUNERI	YES
0818CS191104	MUKUL MISHRA	NO
0818CS191105	MUKUL PATERIYA	NO
0818CS191106	NANDINI SOLANKI	NO
0818CS191107	NANDKISHORE PARMAR	NO
0818CS191108	NARENDAR PARMAR	YES
0818CS191109	NARENDRA SINGH	YES
0818CS191110	NAVEEN NAGAR	NO
0818CS191111	NIKHIL SAHU	NO
0818CS191112	NIKITA GUPTA	YES
0818CS191113	NIKITA MISHRA	NO
0818CS191114	NIRAJ KUMAR	NO
0818CS191115	NISARG KHATAWKAR	NO
0818CS191116	NISHCHAL MEHRA	NO



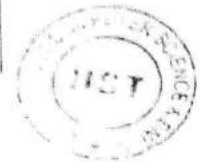
0818CS191117	NITIK PATIDAR	YES
0818CS191118	PANKAJ NARVARIYA	NO
0818CS191119	PANKAJ PORWAL	YES
0818CS191120	PANKAJ RAMAWAT	NO
0818CS191121	PARAG KUSHWAH	YES
0818CS191124	PIYUSH MAHAJAN	NO
0818CS191125	POOJA RATHOD	NO
0818CS191126	PRADEEP DALAL	NO
0818CS191127	PRAHARSH PURANIK	YES
0818CS191128	PRANAV SINGH BINWAR	NO
0818CS191130	PRATHAMESH P	NO
0818CS191131	PRATIK VISHWAKARMA	NO
0818CS191132	PRATYOOSH MISHRA	YES
0818CS191133	PRIYANSHU TRIPATHI	NO
0818CS191134	PULKIT SABLOK	NO
0818CS191135	PUSHPENDRA JADON	NO
0818CS191136	RAGHAVRAJ	NO
0818CS191137	RAHUL KASHYAP	YES
0818CS191138	RAHUL PRAJAPATI	NO
0818CS191139	RAHUL SANGHILA	YES
0818CS191087	KARTIKEYA SINGH SISODIA	NO
0818CS191140	RAHUL SINGH PARIHAR	YES
0818CS191141	RANJAN UPADHYAY	NO
0818CS191142	RATI CHOUDHARY	NO
0818CS191143	RAVIKANT PATEL	YES
0818CS191144	RENUKA PAWAR	YES
0818CS191145	RISHABI MALVIYA	NO
0818CS191146	RISHITA BAVISKAR	YES
0818CS191147	RITIK MORE	YES
0818CS191148	ROSHAN SHARMA	NO



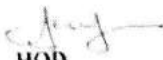
0818CS191149	ROUNAK KOUSHAL	YES
0818CS191150	ROUNAK PATIDAR	NO
0818CS191151	RUPALI BANDORE	YES
0818CS191152	RUSHIL DEWASKAR	NO
0818CS191153	SABAHAT AHMED	NO
0818CS191154	SADGI DAFTARI	NO
0818CS191155	SAISHWARI DESHPANDE	NO
0818CS191156	SAKSHI MOURYA	NO
0818CS191157	SAKSHI NAGAR	NO
0818CS191158	SANDEEP MANDORA	YES
0818CS191159	SANSKAR SINGH	NO
0818CS191160	SANYOG MAURYA	NO
0818CS191161	SARHAK GUPTA	NO
0818CS191162	SARVESH YADAV	YES
0818CS191163	SEEMANJAY AMERIYA	NO
0818CS191164	SHAHZEB QURESHI	YES
0818CS191165	SHALINI JOSHI	YES
0818CS191166	SHARAD KUMAR PATEL	NO
0818CS191167	SHIVAM PATIDAR	YES
0818CS191168	SHIWAM SINGH SINGROUL	NO
0818CS191169	SHRADDHA KUSHWANI	YES
0818CS191170	SHRASHITI SHRIVASTAV	YES
0818CS191171	SHREYA BEOHAR	NO
0818CS191172	SHREYA PURA	NO
0818CS191173	SHUBHAM RAHANGDALE	NO
0818CS191174	SIDDHI SINGH	NO
0818CS191175	SIMRAN SAHU	NO
0818CS191176	SOURABHATRE	YES
0818CS191177	SUJAL BADOLE	NO
0818CS191178	SUJEEV VISHVKARMA	YES



0818CS191179	SUMEET MANDLOI	YES
0818CS191180	SURABHI SRIVASTAVA	YES
0818CS191181	SURAJ	YES
0818CS191182	SURBHI DHANOTIYA	NO
0818CS191183	TAHA KANCH WALA	YES
0818CS191184	TANESHQ YOGI	NO
0818CS191185	TANISHA BADOLE	YES
0818CS191186	TANNU JAIN	NO
0818CS191187	TUSHAR VERMA	NO
0818CS191188	UDIT SHARMA	NO
0818CS191189	Umer Rashid	YES
0818CS191190	URVASHI UPADHYAY	NO
0818CS191191	UTKARSH SHRIVASTAVA	NO
0818CS191192	UTTAM SINGARE	NO
0818CS191194	VARUN PARADKAR	NO
0818CS191195	VEDANT TRIPATHI	NO
0818CS191196	VICKY MISHRA	NO
0818CS191197	VIDHISHA PATIDAR	NO
0818CS191198	VIJAY KUMAWAT	NO
0818CS191199	VIKAS SINGH	NO
0818CS191200	VIKRAMADITYA	NO
0818CS191201	VISHWAJEET VERMA	NO
0818CS191202	VISHWAKARMA ANURAG	NO
0818CS191203	VIVEK JAIN	YES
0818CS191204	VIVEK MAHAJAN	YES
0818CS191205	VIVEK MISHRA	NO
0818CS191206	YASH CHOUDHARY	YES
0818CS191207	SHUBHEEP BISWAS	YES
0818E191006	ADITYA GUPTA	NO
0818ME191057	NILESH PANWAR	NO



0818CE191031	NANDINI VERMA	NO
0818CE191039	RAKESH RAJPUT	YES
0818CS203D01	AAYUSHI BHAWSAR	NO
0818CS203D02	ISHA KANTHALE	NO
0818CS203D03	JAYESH PAITHANKAR	NO


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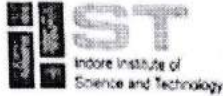

PRINCIPAL



Indore Institute of Science and Technology

Department of Computer Science and Engineering

Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal



Date: - 18/12/2022

NOTICE

Dear Students,

As we strive for academic excellence, we understand that some of you may benefit from additional support and guidance. To address this, we are pleased to remind you about the Saturday Remedial Classes that will be held each Saturday.

These classes are designed to provide extra assistance, clarification, and practice to help you grasp the concepts covered during the week. Our goal is to ensure that every student feels confident and capable in their studies.

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Branch: -CSE/5th Sem

Date: Every Saturday

Venue:- Class Room 34



HOD



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INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
Approved by AICTE, New Delhi, Affiliated to RGPV, Bhopal, Recognized by UGC under section 2(f)



Indore Institute of Science and Technology
Department of Computer Science and Engineering
Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Date: - 01/12/2022

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Branch: - CSE/3rd Sem

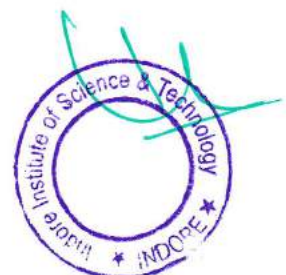
Date: Every Saturday

Location: Room No:-33


HOD




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Sample Remedial Class Timetable from Computer Science and Engineering Department

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY
 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
 TIME TABLE
 SESSION: Jan - June 2023

Room No.- 19

CS: VII SEM. FINAL YEAR ALL

TIME / DAY	09:30 AM-11:00 AM	11:00 AM-12:30 PM	12:30 PM-01:30 PM	01:30 PM-02:30 PM	02:30 PM-03:50 PM	2:50 PM - 03:40 PM
SATURDAY	DOSE	DOSE	IT	IT	LUN	MIE MIE MIE LAB 1 LAB 2 DOSE (H) Major Project (H)
S. NO.	Sub. Code	Subject	Faculty	Name	Designation	Sign
1	CS-101	IT	DR	Dr. Ghansha Rane	Timetable EC	 PRINCIPAL
2	CS-102	DOSE	RS	Mr. Rajesh Shah	H.O.D	
3	CS-103	MBAE	DO	Ms. Divyanshu Farnur		
4	CS-104	DOSE Lab	RS	Mr. Rajesh Shah		
5	CS-105	Major Project	AVNT	Mr. Anshu Vinayak Sharma		
6	CS-106	POP	LB	Mr. Leonard Jale Boman		
7	CS-107	APIT	AB	Mr. Akshay Chaturvedi		
8						

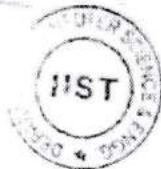


INDORE INSTITUTE OF SCIENCE & TECHNOLOGY
 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
 TIME TABLE
 SESSION: July - Dec 2022

Room No.- 14

Class - CSE III Year / Y SEM

TIME / DAY	9:10 AM - 10:00 AM	10:00 AM - 10:50 AM	11:50 AM - 11:40 AM	11:40 AM - 12:30 PM	12:30 PM - 1:00 PM	1:30 PM - 1:55 PM	1:55 PM - 2:50 PM	2:50 PM - 3:40 PM
SATURDAY	DHMS	DHMS	Cyber Security	Cyber Security	LUN	TOC	Lab 2 Python (H) / Linux (H)	Lab 3 AI
S. NO.	Sub. Code	Subject	Faculty	Name	Designation	Sign		
1	CS-301	TOC	RJ	Mr. Rajesh Jain	Timetable EC	 PRINCIPAL		
2	CS-302	DHMS	FI	Ms. Divyanshu Jindal	H.O.D			
3	CS-303 (C)	Cyber Security	RJ	Mr. Rajesh Verma				
4	CS-304 (AI)	WebTech	NS	Ms. Nehal Shukla				
5	CS-305	Linux	MB	Ms. Nehal Shukla				
6	CS-306	Python	SS	Ms. Shreya Sharma				
7	BT-407	BOE-2	LB	Mrs. Lakshya Baghel				
8	CS-308	Major Project-I	NS	Ms. Nehal Shukla				
9		Major Project-I Coordinator	NS	Ms. Nehal Shukla				



Sample Remedial Class Notices from Information Technology Department



Indore Institute of Science and Technology
Department of Information Technology
Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Date: - 17/12/2022

NOTICE

Dear Students,

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Branch: IT 7th Sem

Date: Every Saturday

Location: Room No. - 20


HOD




PRINCIPAL



Sample Remedial Class Timetable from Information Technology Department

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY
TIME TABLE
SESSION: July - Dec 2022

CLASS ROOM NO.: 20
Class - IT IV Year/ 7 SEM

TIME / DAY	9:10 AM - 10:00 AM	10:00 AM - 10:50 AM	10:50 AM - 11:40 AM	11:40 AM - 12:30 PM	12:30 PM - 1:00 PM	1:00 PM - 1:55 PM	1:55 PM - 2:50 PM	2:50 PM - 3:40 PM
SATURDAY	Lab-4 AM	SC LAB AM	L CyberLaw AM	L CyberLaw PM	LUNCH PM	L CC PM	L CC PM	L SC PM
S. NO.	Sub. Code	Subject	Faculty	Name	Designation	Signature		
1	IT-701	SC	DR	MS Dipati Regde	Timetable IC			
2	IT-702	CC	RY	Ms. Rupal Yadav	H.O.D			
3	IT-703	Cyber Law	RG	Rani Gupta	DEAN			
4	IT-704	CC Lab	RY	Ms. Rupal Yadav	PRINCIPAL			
5	IT-705	IOT Lab	AM	MS Alpana Meena				
6	IT-706	MP-4	NT	Neha Talreja				
7	IT-607	ECF-III	NT	Neha Talreja				
8	CDC	PDP	LJB	Mr Leonard Jude Brown				
9	CDC	APTI	AB	Mr. Abhishek Bhadrnagar				
10		Major Project Coordinator	AM	MS Alpana Meena				





INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
Approved by AICTE, New Delhi, Affiliated to RGPV, Bhopal, Recognized by UGC under section 2(f)

Sample Remedial Class Notices from AIML Department



Indore Institute of Science and Technology
Department of Artificial Intelligence and Machine Learning
Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

Date: - 03/06/2023

NOTICE

Dear Students,

As we strive for academic excellence, we understand that some of you may benefit from additional support and guidance. To address this, we are pleased to remind you about the Saturday Remedial Classes that will be held each Saturday. These classes are designed to provide extra assistance, clarification, and practice to help you grasp the concepts covered during the week. Our goal is to ensure that every student feels confident and capable in their studies. Whether you are facing challenges in a particular subject or simply want to reinforce your understanding, these sessions are open to all. Our dedicated teachers will be there to answer your questions, provide additional examples, and offer any necessary support to enhance your learning experience.

Branch: - AIML-4th Sem

Date: Every Saturday

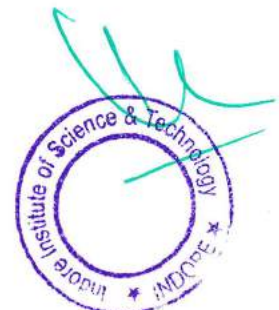
Location: Lab-5 Computer Center

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PRINCIPAL

DEPARTMENT OF AIML

Sample Remedial Class Timetable from AIML Department

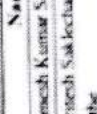
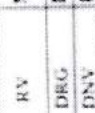



**INDORE INSTITUTE OF SCIENCE & TECHNOLOGY
 DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
 TIME TABLE**

SESSION: Jan - June 2023

Lab No-5

Class - AIML II Year

TIME (Day)	09.10 AM - 10.10 AM	10.10 AM - 11.00 AM	11.00 AM - 11.50 AM	11.50 AM - 12.40 PM	12.40 PM - 01.10 PM	01.10 PM - 2.00 PM	2.00 PM - 02.50 PM	02.50 PM - 03.40 PM
SATURDAY	COA DRC	COA DRC	ADA SIG PSK	ADA SIG PSK	LUNCH	ISAIE EAS	ME DND	SE RV
S. NO.	Sub. Code	Subject	Faculty	Name	Designation	Sign		
1	AL401	DS&LB	UKS	Mr Umesh Kumar Sabu	Timetable UC			
2	AL402	SIG ADA	PSK JK	Mr Pritesh Saketcha Mr Jitendra Kulkarni				
3	AL-403	SE	RV	Mr Rakesh Verma	H.O.D			
4	AL-404	COA	DRG	Dr Richa Gupta				
5	AL-405	ME	DNV	Dr Nikita Varad Doobari	PRINCIPAL			
6	AL-406	Java	SB	Ms. Neelha Bhatti				
7	CDC	APTT	AB	Mr Abhishek Bhadrnagar				
8	CDC	PDP	SB	Ms. Shweta Balarani				
9	SIG	SIG	PW	Mr. Pankaj Wadhvani				

DEPARTMENT OF AIML



Date :- 09-03-2023

Notice

This is inform the students mentioned below that your remedial/backup classes are scheduled on Saturday i.e 11-03-2023. All of you should meet your respective subject faculties on the mentioned date for classes.

4TH SEM:-

S. No	Enl. No.	Name	MST-1 Marks	
1	0818ME211004	ADITYA DUKARIYA	7	ES-401
2	0818ME211005	ADITYA YADAV	10	
3	0818ME211006	AKASH PANDAGRE	10	
4	0818ME211008	ARSHAD SHAIKH	8	
5	0818ME211009	ARYAN NARVARIYA	7	
6	0818ME211012	CHIRAG SARSONIYA	9	
7	0818ME211015	DHANESH BAWANYA	9	
8	0818ME211016	FAIZAN MANSURI	10	
9	0818ME211017	GAGAN PATIDAR	9	
10	0818ME211018	GOURAV MISHRA	8	
11	0818ME211019	HARSHIT JAGTAP	9	
12	0818ME211020	HARSHIT KADAM	9	
13	0818ME211027	MOHIT NAGVANSHI	8	
14	0818ME211028	NAMAN TAMRAKAR	9	
15	0818ME211029	NIKHIL BEDI	9	
16	0818ME211030	NITEESH KUMAR SAKET	7	
17	0818ME211034	ROHAN KUMAR	9	
18	0818ME211035	ROHIT PANDORIA	9	
19	0818ME211038	SATYABRAT MISHRA	9	
20	0818ME211040	SUNIL DHOTE	7	
21	0818ME211041	TANISH SHARMA	7	
22	0818ME211042	UJJAWAL PATIDAR	6	
23	0818ME211043	VASU NAGAR	7	
24	0818ME211046	YUVANSH SHAH	10	
25	0818ME211008	ARSHAD SHAIKH	10	ME-402
26	0818ME211040	SUNIL DHOTE	10	
27	0818ME211041	TANISH SHARMA	10	ME-403
28	0818ME211008	ARSHAD SHAIKH	10	
29	0818ME211040	SUNIL DHOTE	10	ME-404
30	0818ME211041	TANISH SHARMA	10	
31	0818ME211001	ABHINESH ANURAGI	7	
32	0818ME211002	ABHISHEK PURI	7	
33	0818ME211004	ADITYA DUKARIYA	7	
34	0818ME211005	ADITYA YADAV	7	
35	0818ME211006	AKASH PANDAGRE	7	
36	0818ME211012	CHIRAG SARSONIYA	7	



37	0818ME211013	DEEPTI VERMA	8
38	0818ME211014	DEV PANWAR	8
39	0818ME211016	FAIZAN MANSURI	7
40	0818ME211018	GOURAV MISHRA	7
41	0818ME211019	HARSHIT JAGTAP	7
42	0818ME211020	HARSHIT KADAM	7
43	0818ME211027	MOHIT NAGVANSHI	7
44	0818ME211028	NAMAN TAMRAKAR	7
45	0818ME211029	NIKHIL BEDI	7
46	0818ME211030	NITEESH KUMAR SAKET	7
47	0818ME211032	PRAJJWAL PAL	7
48	0818ME211035	ROHIT PANDORIA	7
49	0818ME211037	SANDEEP BALODIYA	7
50	0818ME211038	SATYABRAT MISHRA	7
51	0818ME211042	UJJAWAL PATIDAR	7
52	0818ME211043	VASU NAGAR	7
53	0818ME211045	YASHWARDHAN CHOUHARY	7
54	0818ME211046	YUVANSH SHAH	10
55	0818ME211001	ABHINESH ANURAGI	7
56	0818ME211002	ABHISHEK PURI	8
57	0818ME211004	ADITYA DUKARIYA	8
58	0818ME211005	ADITYA YADAV	9
59	0818ME211006	AKASH PANDAGRE	7
60	0818ME211008	ARSHAD SHAIKH	7
61	0818ME211009	ARYAN NARVARIYA	7
62	0818ME211011	AVADHESH PRATAP SINGH HADA	8
63	0818ME211012	CHIRAG SARSONIYA	7
64	0818ME211014	DEV PANWAR	9
65	0818ME211015	DHANESH BAWANYA	8
66	0818ME211016	FAIZAN MANSURI	9
67	0818ME211017	GAGAN PATIDAR	9
68	0818ME211018	GOURAV MISHRA	9
69	0818ME211019	HARSHIT JAGTAP	9
70	0818ME211020	HARSHIT KADAM	9
71	0818ME211021	JAY BARANIYA	10
72	0818ME211027	MOHIT NAGVANSHI	7
73	0818ME211028	NAMAN TAMRAKAR	8
74	0818ME211029	NIKHIL BEDI	9
75	0818ME211030	NITEESH KUMAR SAKET	8
76	0818ME211034	ROHAN KUMAR	7
77	0818ME211035	ROHIT PANDORIA	10
78	0818ME211038	SATYABRAT MISHRA	8
79	0818ME211040	SUNIL DHOTE	7
80	0818ME211041	TANISH SHARMA	7

ME-405

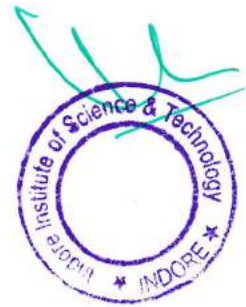


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81	0818ME211042	UJJAWAL PATIDAR	7
82	0818ME211043	VASU NAGAR	9
83	0818ME211045	YASHWARDHAN CHOUDHARY	10
84	0818ME211046	YUVANSH SHAH	10

HOD

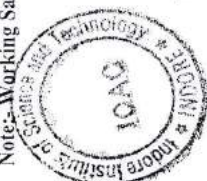
Mechanical Engineering Department



Sample Remedial Class Timetable from Electronics and Communication Engineering Department

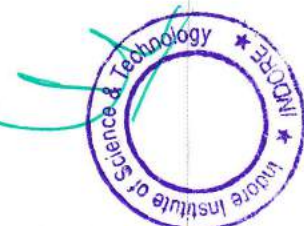
INDORE INSTITUTE OF SCIENCE & TECHNOLOGY										
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING										
REMEDIAL CLASS TIME-TABLE: ACADAMIC YEAR: 2022-2023 (Even semester)										
Semester- VIIIth										
TIME / DAY	9:10-10:10	10:10-11:00	11:00-11:50	11:50-12:40	12:40-1:10	1:10-2:00	2:00-2:50	2:50-3:40		
SATURDAY	L 5G T AMK	L WN DSM	MP-II SN/AJ		L OC	PP	OC-B-1/ACS-B-2			
SATURDAY	L OC PP	L WN DSM	PROGRAMMING TOOL AMK/NC		L 5G T AMK		OC-B-2/ACS-B-1			
SATURDAY	L OC PP	L 5G T AMK	WN DSM	SKILL RACK	LUNCH					AJ/SN
SATURDAY	L WN DSM	L 5G T AMK	ACS LAB-B-1 & B-2		L OC	PP	PROGRAMMING TOOL AMK/NC			
SATURDAY	L 5G T AMK	L WN DSM	MP-II		L OC	PP	MP-II		SN	

Note: Working Saturday are scheduled for remedial classes of students below 40 % marks in MST-I exam



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TIME TABLE INCHARGE, ECE



INDORE INSTITUTE OF SCIENCE & TECHNOLOGY										
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING										
REMEDIAL CLASS TIME-TABLE: ACADEMIC YEAR: 2022-2023 (Even semester)										
Semester- VIth										
TIME / DAY	9:10 -10:10	10:10-11:00	11:00-11:50	11:50-12:40	12:40-1:10	1:10-2:00	2:00-2:50	2:50-3:40		
SATURDAY	L DC	L MES MP	AWP LAB-B-1 MES LAB B-2		LUNCH					L AWP AMK
SATURDAY	L MES MP	L DSP SN	Minor Project-1/Programming Tool AMK/NC/DSM							L PDP JS
SATURDAY	L AWP AMK	L APT AB	L DSP SN	L DC PP	DSP LAB-B-1 DATA COMM. LAB B-2					
SATURDAY	L AWP AMK	L DSP SN	DSP LAB-B-2 COMM. LAB B-1		Minor Project-1/Programming Tool AMK/NC/DSM					
SATURDAY	L DC PP	L PDP JS	L DSP SN	L MES MP	Library/Sports SKILL RACK DSM					

Note:- Working Saturday are scheduled for remedial classes of students below 40 % marks in MST-1 exam



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TIME TABLE INCHARGE, ECE



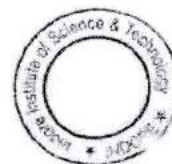
Sample Remedial Class Notices from ESH Department

UNIVERSITY OF SCIENCE & TECHNOLOGY
AICTE, New Delhi & Affiliated to RGPV, Bhopal



B.TECH. I ST YEAR / I st SEMESTER

All students who have scored less than 50% in Mid Term-I exam, conducted in DEC -2022, are required to attend remedial classes as per the schedule given by the concerned



INDORE INSTITUTE OF SCIENCE & TECHNOLOGY



Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

DATE: 22/05/2023

NOTICE

B.TECH. I YEAR/ II SEMESTER

SESSION 2022-23

All students who have scored less than 50% in Mid Term-I exam, April -2022, are instructed to attend the remedial classes as per the schedule given by the concerned course faculty.

The remedial classes will be conducted on 27/05/2023 and 10/06/2023.

Note: It is mandatory for the students to attend the remedial lectures.



Dr. Namrata Kaushal

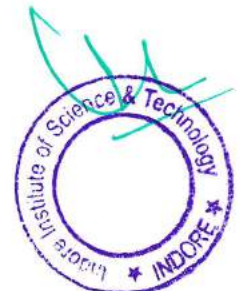
MOD ESH



Dr. Keshav Patidar

Principal

HIST Indore



Sample Remedial Class Timetable from ESH Department


INDORE INSTITUTE OF SCIENCE & TECHNOLOGY
 Approved by AICTE, New Delhi & Affiliated to RGPV, Bhopal

DATE: 10/01/2023

TIMETABLE

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY						
WEF: 14th & 28th Jan 2023						
BRANCH- ME/CE/CM/EC/TOI/AI/ML				B. TECH I YEAR/ I SEM		
SESSION - 2022-23						
DAY/TIME	10:30-11:20	11:25-12:15	12:15-12:45	12:45-1:35	1:40-2:30	2:40-3:40
SATURDAY	Engineering & Physics	Engg. Mathematics -2	LUNCH BREAK	Basic Mechanical Engg.	Basic Civil Engg. And Mechanics	Basic Computer Engg.

HOD ESH: 

Principal 



TIMETABLE

INDORE INSTITUTE OF SCIENCE & TECHNOLOGY						
WEF: 14th & 28th Jan 2023						
BRANCH- CS / IT				B. TECH I YEAR/ I SEM		
SESSION - 2022-23						
DAY/TIME	10:30-11:20	11:25-12:15	12:15-12:45	12:45-1:35	1:40-2:30	2:40-3:40
SAT	Engg. Chemistry	Engg. Mathematics-2	LUNCH BREAK	English For Communication	BEEF	Engg. Graphics

HOD ESH: 

Principal 



Sample Remedial Class Attendance Register from ESH Department

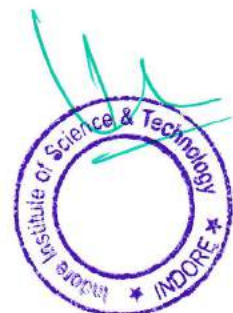
EVOLVE BETTER @ all New



<p>ATTENDANCE REGISTER</p> <p>Session <u>2022 - 2023</u></p>

NAME OF FACULTY :- Group B
DESIGNATION :- Remedial classes
DEPARTMENT :- _____
SEMESTER :- IP
SUBJECT CODE :- _____
SUBJECT NAME :- B1 + B2 + B3 + B4
TELEPHONE/MOBILE NO. :- _____

Opposite Indian Institute of Management, Rau - Pithampur Road, Dehri, Rau		
Indore, Madhya Pradesh (M.P.) 453331 Telephone: 07314010520, 4010524 Fax: 4010522		
Toll Free: 1800 103 3069	Website: www.indoreinstitute.com	Facebook: www.facebook.com/IISTcollegeindore



TIME-TABLE

I SEM

w.e.f. 14 Jan 23

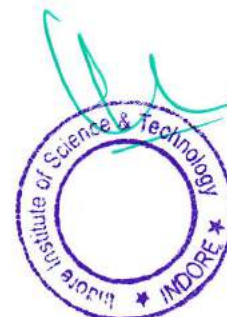
PERIOD →	10-30 I	11-25 II	12-15 III	12-45 IV	1-40 V	2-30 VI	VII
↓ DAYS	11-20	12-25	12-44	1-35	2-30	3-40	
MON			L				
TUE			V				
WED			M				
THU			C				
FRU			H				
SAT	BT 201	BT 102		BT 203	BT 204	BT 205	

TIME-TABLE

I SEM

w.e.f. 28 Jan 23

PERIOD →	10-30 I	11-25 II	12-15 III	12-45 IV	1-40 V	2-30 VI	VII
↓ DAYS	11-20	12-15	12-44	1-35	2-30	3-40	
MON			L				
TUE			M				
WED			M				
THU			C				
FRU			H				
SAT	BT 201	BT 102		BT 203	BT 204	BT 205	





ATTENDANCE

SESSION :

SEMESTER :

201

SUBJECT CODE / NAME :

S. No.	Enrollment No.	Student Name	Month		Lecture No.
			1	2	
			Date		
		ATHARV YADAV	P	P	
		DEVENDRA TIROLE	P	P	
		FAIZ KHAN	P		
		LUCKY ALSHAN KHAN	P	P	
		MADHAV RATHORE	P	P	
		MANSI AWASTI	P		
		MOHIT GURJAR	P	P	
		PIYUSH CHATTERJEE	P	P	
		ROHAN NAMJOSHI	P	P	
		RUDRAKSH UPADHYAY	P	P	
		SHANTANU UPASANI	P	P	
		TUSHAR PATEL	P	P	
		AASHIKA JAIN	P	P	
		ARUN RATHORE	P	P	
		ARYAN DAS BAIRAGI	P	P	
		DEVANSH PAL	P	P	
		HIMANSHU CHOUDHARY	P	P	
		MOHINI SHARMA	P	P	
		PIYUSH KOLSHAL	P	P	
		RAJVEEN MEKATI	P	P	
		SHIVAM KOURAV	P	P	
		TUSHAR JAISWAL	P		
		VIKAS RATHOR	P		
		VISHAL DAS BAIRAGI	P	P	
		VISHAL PATEL	P	P	
		DHANSIREE RATNERIA	P	P	
		PRINS KUMAR	P	P	
		ABHAYRAJ KANASH	P	P	
		NIPUN VISHWAKARMA	P	P	
		SHIVANAND DWIVEDI	P	P	
		SIDDHANT JATAV	P	P	
		ALOK CHOUBHAN	P	P	
		ANIL BHABOR	P	P	
		DEVENDRA PARWAR	P	P	



ATTENDANCE

SESSION :

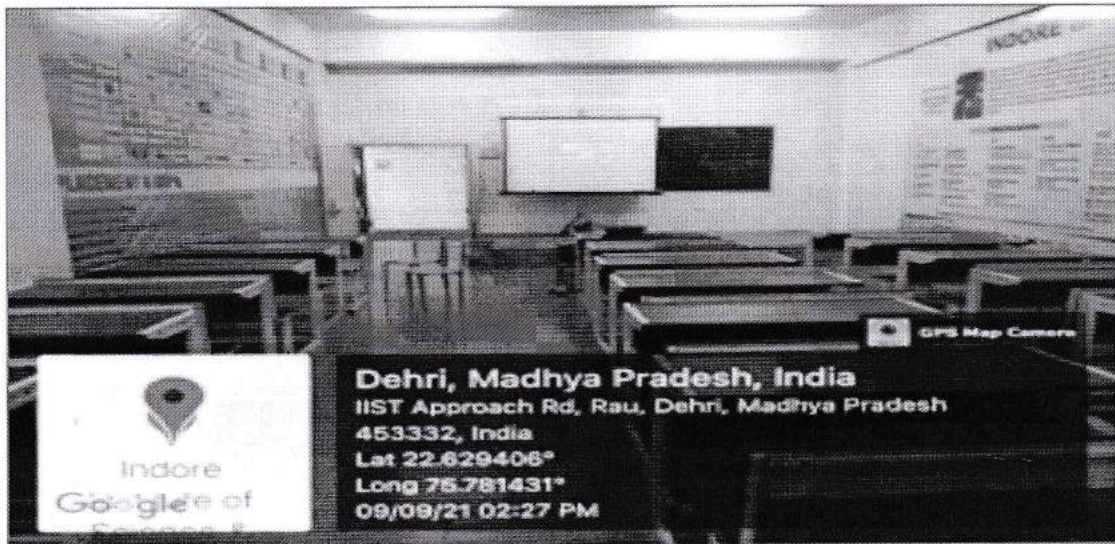
SEMESTER : 102

SUBJECT CODE / NAME :

S. No.	Enrollment No.	Student Name	Month	1	Lecture No.
			Date	28	
		AARTI PATEL	P	P	
		ABHISHEK AYANYAS	P	P	
		ABHISHEK PARITA	P	P	
		ATHARV YADAV	P	P	
		BHUVANSHI CHOUHAN	P	P	
		CHINTAN DAVE	P	P	
		DEVENDRA TIROLE	P	P	
		DISHA PANCHOLI	P	P	
		FAIZ KHAN	P	P	
		GAJENDRA KUSHWAHA	P	P	
		JAY PARMAR	P	P	
		KAJAL PAWAR	P	P	
		KAPIL VERMA	P	P	
		KUDDUSH KHAN	P	P	
		KULDEEP PARMAR	P	P	
		KULDEEP SINGH RATHORE	P	P	
		KUNAL SINGH	P	P	
		KUNDAN PHUNWAR	P	P	
		LUCKY ALSHAN KHAN	P	P	
		MADHAV RATHORE	P	P	
		MANISH SONI	P	P	
		MANISHKA RATHORE	P	P	
		MANSI AWASTI	P	P	
		MANSI CHAUDHARI	P	P	
		MEGHA MALVIYA	P	P	
		MOHIT GURJAR	P	P	
		NAINA ENGLE	P	P	
		PARTH JOSHI	P	P	
		PIYUSH CHATTERJEE	P	P	
		PRAYAG CHOUDHARY	P	P	
		PRIYANSHU KUMRAWAT	P	P	
		PUSHPAK CHOUHAN	P	P	
		RAJ VERMA	P	P	
		ROHAN NAMJOSHI	P	P	



Counselling Hall/ Rooms.



List of successfully completed MOOC's Certification on Basis courses.

NAME	ENROLLMENT NO	NAME OF COURSE	Course Certificate URL
Ishank Yadav	0818CS191070	Create Your First Python Program From UST	https://www.coursera.org/account/ accomplishments/verify/UST4N7P6AHQ6
Anurag Mukati	0818CS201025	Create Your First Python Program From UST	https://www.coursera.org/account/ accomplishments/verify/EKN4FK5ZNVH6
Lavisha Gaur	0818CS201083	Responsive Website Basics: Code with HTML, CSS, and JavaScript	https://www.coursera.org/account/ accomplishments/verify/2FN8272ELUXC
Sneha chouhan	0818IT211058	Create Your First Python Program From UST	https://www.coursera.org/account/ accomplishments/verify/3E6BDH878ESY
Anand Verma	0818EC201011	Interfacing with the Arduino	https://www.coursera.org/account/ accomplishments/verify/PJ4SM4ED37ZB
RAJESH	0818ME191075	Create Your First Python Program From UST	https://www.coursera.org/account/ accomplishments/verify/S9GP2NJKWSVM
Kuldeep Panwar	0818CM211013	Create Your First Python Program From UST	https://www.coursera.org/account/ accomplishments/verify/TSVDNL3W679T



Activities conducted for Advance learners.

1. Advance notes and topic beyond the syllabus covered in the regular class.
2. Seminar sessions
3. Participative learning sessions i.e., Self-Discipline Day & Teachers Day
4. Experimental learning sessions i.e., Industrial Tour and visit
5. Encourage for Innovative Projects
6. Advance questions papers.
7. Encourage to participate in national and international competitions.
8. Massive open online courses (Emerging trends) are recommended for earning additional credits – NPTEL.


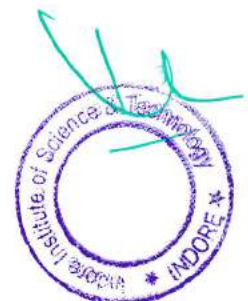


List of Advance Learners from Civil Engineering Department

DEPARTMENT OF CIVIL ENGINEERING		
LIST OF ADVANCE LEARNERS		
801	802 (B)	803 (A)
AAYUSH CHOUHAN	AAYUSH CHOUHAN	AAYUSH CHOUHAN
DIVYA PATEL	AKSHAY JADHAV	AMAN DHAKAR
IMRAN SHAH	AMAN DHAKAR	AMAN PATEL
PRATIK CHOUHAN	AMAN PATEL	DIVYA PATEL
	CHANCHAL SUNAHARE	IMRAN SHAH
	DIVYA PATEL	
	IMRAN SHAH	
	KIRAN DAWAR	
	MOHIT MEDA	
	Momin Hassan Dar	
	RITESH RAJPUT	
	SHAKTI SINGH SOLANKI	
	VAIBHAV RAJ MARU	



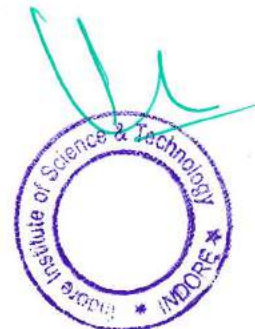
DEPARTMENT OF CIVIL ENGINEERING		
LIST OF ADVANCE LEARNERS		
701	702 (B)	703 (A)
AMAN DHAKAR	DIVYA PATEL	
DIVYA PATEL	MOHIT MEDA	
PRATIK CHOUHAN		
SHAKTI SINGH SOLANKI		

DEPARTMENT OF CIVIL ENGINEERING			
LIST OF ADVANCE LEARNERS			
601	602	603(A)	604 (A)
	AKSHATRAJ SHAH	AKSHATRAJ SHAH	ROHAN PARIHAR
	HIMANSHU SHUKLA	JYOTSNA NAMDEO	ANKIT ROY
	KARTIKEY SHUKLA	SURYA PRATAP SINGH	
	PRADUMYA SHIRSATHE	VIJAY PATEL	
	RAHUL SINGH	ANKIT ROY	
	ROHAN PARIHAR		
	SHARIK SHAIKH		
	SURYA PRATAP SINGH		
	ANKIT ROY		



DEPARTMENT OF CIVIL ENGINEERING			
LIST OF ADVANCE LEARNERS			
501	502	503	504
AKSHATRAJ SHAH	AKSHATRAJ SHAH	AKSHATRAJ SHAH	AKSHATRAJ SHAH
PRADUMYA SHIRSATHE	RAHUL SINGH	CHAITANYA DAWAR	PRADUMYA SHIRSATHE
RAJ SANGRE	RUCHITA JAWLE	PRADUMYA SHIRSATHE	SHARIK SHEIKH
ROHAN PARIHAR	SURYA PRATAP SINGH	ROHIT PURI GOSWAMI	SURYA PRATAP SINGH
SURYA PRATAP SINGH	VIJAY PATEL	RUCHITA JAWLE	ANKIT ROY
VIJAL KALME	ANKIT ROY	SURYA PRATAP SINGH	
VIJAY PATEL		VIJAY PATEL	
		ANKIT ROY	



DEPARTMENT OF CIVIL ENGINEERING				
LIST OF ADVANCE LEARNERS				
ES-401 EEE	CE-402 CT	CE-403 SA-I	CE-404 TE-I	CE-405 EGRS
AAYUSH LOKHANDE	AAYUSH LOKHANDE	TANISHA PARWANI	AAYUSH LOKHANDE	AAYUSH LOKHANDE
ABHISHEK NARGAWE	AKSHAT GOUD		AKSHAT GOUD	AKSHAT GOUD
AKSHAT GOUD	HEMANT SHARMA		HEMANT SHARMA	HEMANT SHARMA
HEMANT SHARMA	JITURAJ AMKARE		JITURAJ AMKARE	TANISHA PARWANI
JITURAJ AMKARE	TANISHA PARWANI		TANISHA PARWANI	
TANISHA PARWANI				
KAUSHAL S KUMAR				



DEPARTMENT OF CIVIL ENGINEERING				
LIST OF ADVANCE LEARNERS				
BT-301 M3	CE-302 CM	CE-303 Surveying	CE-304 BPA	CE-305 SOM
TANISHA PARWANI	AAYUSH LOKHANDE	AVADH BIHARI PANDAY	AAYUSH LOKHANDE	
	AKSHAT GOLD	HEMANT SHARMA	ABHISHEK NARGAWE	
	HARSHI YADAV	JITURAJ AMKARE	AKSHAT GOUD	
	HEMANT SHARMA	TANISHA PARWANI	HEMANT SHARMA	
	JITURAJ AMKARE		JITURAJ AMKARE	
	TANISHA PARWANI		TANISHA PARWANI	



Higher Order Thinking Questions as Practice Sheet for Advance LearnersINDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
DEPARTMENT OF CIVIL ENGINEERING

II-YEAR

PRACTICE SHEET**SUBJECT : CONSTRUCTION MATERIALS**

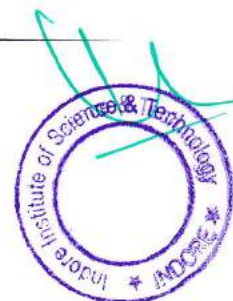

Q.1) Using a mix design procedure, mix proportion for the desired grade of concrete have been obtained as 1: 2.1: 3.5 (by mass) with water-cement ratio of 0.5 and air content of 3 percent. Calculate the weights of individual ingredients required to make 0.25 m³ concrete. The specific gravities of cement, sand and aggregate are 3.15, 2.65 and 2.70 ?

Q.2) Estimate the quantities of cement, fine aggregate and coarse aggregate per cubic meter of concrete if the void ratio in cement is 62%, fine aggregate is 41% and coarse aggregate is 15%. The material properties are as follows: Mix: 1:2:4 with a w/c of 0.55, one bag of cement contains 50 kg of cement and its density is 1440 kg/m³. The density of fine aggregate is 1700 kg/m³ and coarse aggregate is 1600 kg/m³ respectively. One bag of cement is equal to 34.7 liters.

Q.3) Calculate the quantities of cement, sand and coarse aggregate required to produce one cubic meter of concrete for mix properties of 1:40: 2.80 (by volume) with water-cement ratio of 0.48 (by mass). Bulk densities of cement, sand and coarse aggregates are 14.7, 16.66 and 18.68 kN/m³, respectively. Percentage of entrained air is 2.0. Specific gravities of cement, sand and coarse aggregate are 3.15, 2.6 and 2.5, respectively.

Q.4) Draw a sketch showing the typical creep strain time curve under uniaxial compression for concrete.

Q.5) calculate the quantities of cement, water, fine aggregate and coarse aggregate per trial mix of 0.05 m³ for the following specifications. Characteristic compressive strength = 30 MPa at 28 days; Defective rate = 5%; Cement = Cement strength class 42.5; Slump required = 10-30 mm; Max. Aggregate size = 20 mm; Coarse aggregate UNCRUSHED (10, 20 mm), fine aggregate UNCRUSHED (70% pass 600 microns); Maximum allowable free-water/cement ratio = 0.55; Minimum allowable cement content = 290 kg/m³.



SUBJECT : STRENGTH OF MATERIALS

Q.1) For the cantilever beam of span 3 m (shown below), a concentrated load of 20 KN applied at the free end causes a vertical displacement of 2 mm at a section located at a distance of 1 m from the fixed end. If a concentrated vertically downward load of 10 KN is applied at the section located at a distance of 1 m from the fixed end (with no other load on the beam), the maximum vertical displacement in the same beam.

Q.2) continuous beam ABCD of total length '5a' is fixed at A and has a simple support at point C distant '4a' from A. The portion CD of length 'a' is an overhang. The beam carries uniformly distributed load 'w' per unit length throughout its length and a concentrated load of magnitude $2.5wa$ at the free end D. Draw the shear force and bending moment diagrams, if there is a hinge at the mid-span point B of the span AC. Clearly mark the position.

Q.3) The stepped cantilever beam made of same material having constant width is subjected to 2 point loads of equal Magnitude 'P', as shown below. Determine the deflection of point D. [Take EI to be the flexural rigidity of BC part of beam]

Q.4) A beam of rectangular section $mm \times 300mm$ carries certain loads such that the bending moment at a section A is M and at another section B it is $(M + C)$. The distance between the sections A and B is 0.5 m and there are no external loads acting between the two sections.

Q.5) A cast iron pipe of 320 mm diameter and 80 mm thick carries water under a pressure of $8 N/mm^2$. Calculate maximum and minimum circumferential stresses and sketch the distribution of radial stresses and circumferential stresses across the thickness of thick cylinder.





INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
 DEPARTMENT OF CIVIL ENGINEERING

II-YEAR

PRACTICE SHEET

SUBJECT : SURVEYING

Q.1) The following readings were taken with a tachometer with the line of sight horizontal on a staff held vertical are 0.950, 1.285, 1.620 m. Determine the horizontal distance from the instrument station to the staff station if $k = 100$ and $C = 0.15$ m.

Q.2) A subtense theodolite was used to determine the horizontal distance of a point from the instrument station. The micrometer readings of the drum of the diaphragm were respectively 3.425 and 3.930 when the staff intercept was 3 m. The micrometer screw had 100 threads to 1cm. The focal length of the object glass was 0.225m. The distance of the instrument axis from the centre of the object glass was measured as 0.200 m.

Q.3) Find the latitude and departure for given Traverse:

Line	Bearing	length
AB	40	220
BC	120	300
CD	240	60
DA	340	160

Q.4) Determine the distance between the instrument station P and the staff station Q from the following data: R.L. of the line of colimation = 200.150 m. Vertical angle = $3^\circ 45'$ Staff reading 1.450 ; 0.900 ; 0.350 m. Also determine the R.L. of Q Take $k = 100$ and $C = 0$

Q.5) A subtense theodolite was used to determine the horizontal distance of a point from the instrument station. The micrometer readings of the drum of the diaphragm were respectively 4.56 and 7.89 when the staff intercept was 5 m. The micrometer screw had 200 threads to 1cm. The focal length of the object glass was 1.22. The distance of the instrument axis from the centre of the object glass was measured as 0.200 m.






INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
DEPARTMENT OF CIVIL ENGINEERING

II-YEAR

PRACTICE SHEET

SUBJECT : BUILDING PLANNING & ARCHITECTURE

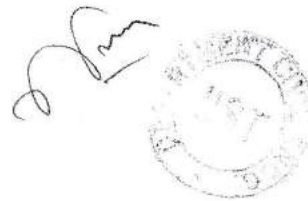
Q.1) Prepare line plan for single storied detached house for a family of four persons, according to principals of planning and architecture. Assume builtup area 12m X 8m.

Q.2) Plan and draw line plan for a primary school of single storey on a land area of 60m X 80m. assume appropriate data.

Q.3) Work out FSI for 3 storied building having built up area of 12m X 8m on two floors, and 6m X 8m on top floor. The land area on which the building is proposed 18m X 12m.

Q.4) Draw and ideal bed room of 4m x 5m and arrange furniture ideally.

Q.5) Draw perspective view of a security cabin viewed from distance of 1.5 times height of building. Assumes necessary dimensions of building components appropriate.



SUBJECT : MATHEMATICS-III

Q.1) A population consists of five numbers 3, 6, 9, 15, 27. Consider all possible samples of size 3 that can be drawn without replacement from this population. Find a) the population mean b) the population standard deviation c) the mean of the sampling distribution of means and d) the standard deviation of the sampling distribution of means.

Q.2) Find the approximate value of $y(0.2)$ for the initial value problem $y' = x + y$, $y(0) = 1$ by Euler's method with step size $h=0.1$

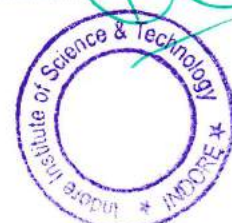
Q.3) A random sample of size 81 is taken whose variance is 20.25 and mean is 32. Construct 98% confidence interval.

Q.4) A man and his wife appear in an interview for two vacancies in the same post. The probability of husband's selection is $(1/7)$ and the probability of wife's selection is $(1/5)$. What is the probability that only one of them is selected ?

Q.5) The following table shows the data obtained for two samples selected at random from populations are independent and normally distributed with equal variances.

Sample A	Sample B
15	10
16	9
12	12
9	17
12	15
19	8
17	9

Using one-way ANOVA procedure, test at 5% significance level whether the means of the populations from which these samples are drawn are equal



SUBJECT : TRANSPORTATION ENGINEERING-II



Q.1) An observer travelling at a constant speed of 60 kmph with the traffic stream over 4 km stretch is passed by 20 vehicles more than what he passes. When the observer travels against the stream at the same speed, number of vehicles he meets is 330. Find the number of vehicles in the direction of flow.

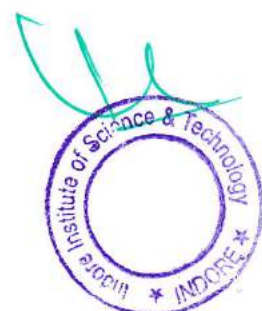
Q.2) A student is riding his bicycle from campus on a one way street takes 50 min to reach home of which 10 min were taken talking to driver of stopped vehicle. He counted 42 vehicles while he rode his bicycle and 35 vehicles while he stopped.
Find travel time and flow of vehicle.

Q.3) A vehicle applies brakes and skids through a distance equal to 40 m, before colliding with another parked vehicle, the weight of which is 60% of the former. From fundamental principle, compute the initial speed of moving vehicle if the distance which both vehicles skid through after the collision before stopping is 12 m. Assume average friction coefficient as 0.6.

Q.4) If cycle time is 60 sec, green time is 27 sec, amber time is 4 sec, saturation time headway is 2.4 sec per vehicle, start up lost time is 2 sec per phase, clearance lost time is 1 sec/phase, then find the capacity of lane.

Q.5) During measurement in Spot Speed study a total of 1000 vehicles were observed. 85th and 15th percentile speeds were observed as 40 kmph and 10 kmph respectively. Find out the number of vehicles moving between the speed of 10 kmph and 40 kmph



SUBJECT : QUANTITY SURVEYING & COASTING

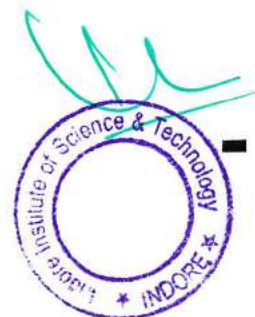
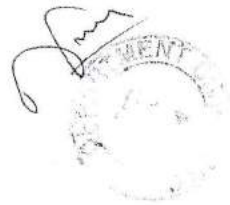
Q.1) Prepare an approximate estimate of building project with total plinth area of all building is 346 sqm. and from following data. (i) Plinth area rate Rs. 8500 per sqm (ii) Cost of water supply @7.4% of cost of building. (iii) Cost of Sanitary and Electrical installations each @7.2% of cost of building. (iv) Cost of architectural features @1% of building cost. (v) Cost of roads and lawns @5% of building cost. (vi) Cost of P.S. and contingencies @4% of building cost. Determine the total cost of building project ?

Q.2) Estimate the cost of R.C.C. slab 12.5 cm thick for the roof of a hall 10 m × 6 m having 2.5cm clear cover over the walls. The main reinforcement bars 12 mm dia. spaced 10 cm c/c along shorter span. Concrete is 25000 Rs/cum and steel is 90 Rs/Kg

Q.3) Estimate the quantity of brickwork required in a wall 6 m long, 3 m high and 30 cm thick wall. Calculate the cost if the rate of brickwork is Rs. 2,600 per cum

Q.4) Calculate the depreciated replacement cost of a building after 35 years having the following particulars by adopting sinking fund method. Total built-up area of all the floors = 250 m². life of the building = 45 years. Scrap value at the end of useful life = 10% Percentage for interest rate = 5% Assume present rate of construction as Rs. 1300 per sq.m.?

Q.5) The cost of a building is Rs. 55 lakhs. Find out the depreciated cost of building after 20 years by straight line method or constant percentage method if the scrap value is Rs.4.5 lakhs. Assuming the life of the building 60 years.



SUBJECT : FLUID MECHANICS-I

Q.1) A liquid with specific gravity of 0.94 undergoes a reduction in volume of 0.22% when subjected to an increase in pressure of 1400 kPa. The velocity of propagation of sound in this liquid will be?

Q.2) A bingham fluid of viscosity $\mu = 10 \text{ Pa}\cdot\text{s}$ and yield stress $\tau_0 = 10 \text{ kPa}$ is sheared between flat parallel plates separated by a distance 103 m. The top plate is moving with a velocity of 1 m/s. The shear stress on the plate is?

Q.3) A journal bearing has a shaft diameter of 40 mm and length of 40 mm. The shaft is rotating at 20 rad/sec and the viscosity of the lubricant is 20 mPa-s. The clearance is 0.02 mm. The loss of torque due to the viscosity of the lubricant is approximately?

Q.4) A piston of diameter 60 mm moves inside a cylinder of 60.1 mm diameter. The percentage decrease in force necessary to move the piston when the lubricant warms up from 0°C to 120°C will be?

Q.5) A bearing has a diameter of 20 mm and length of 50 mm. The shaft is rotating at 20 rad/sec and the viscosity of the lubricant is 70 mPa-s. The clearance is 0.08 mm. The loss of torque due to the viscosity of the lubricant is approximately?





INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE

Approved by AICTE, New Delhi, Affiliated to RGPV, Bhopal, Recognized by UGC under section 2(f)



INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
DEPARTMENT OF CIVIL ENGINEERING



INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
DEPARTMENT OF CIVIL ENGINEERING

III-YEAR

PRACTICE SHEET

SUBJECT : URBAN TOWN AND PLANNING

Q.1) Prepare line plan for single storied detached house for a family of four persons, according to principals of planning and architecture. Assume builtup area 12m X 8m.

Q.2) Plan and draw line plan for a primary school of single storey on a land area of 60m X 80m. assume appropriate data.

Q.3) Work out FSI for 3 storied building having built up area of 12m X 8m on two floors, and 6m X 8m on top floor. The land area on which the building is proposed 18m X 12m.

Q.4) Draw and ideal bed room of 4m x 5m and arrange furniture ideally.

Q.5) Draw perspective view of a security cabin viewed from distance of 1.5 times height of building. Assumes necessary dimensions of building components appropriate.



SUBJECT : ENVIRONMENTAL ENGINEERING-II


Q.1) Find the volume of Anaerobic digester for 5 MLD treatment plant having 60% Suspended Solids removal in PST and 250 mg// of Suspended Solids in waste water. Moisture content of influent sludge is 96%. Volatile solids content in primary sludge is 70%, of which 65% is destroyed in digestion. Digested sludge solid content is 8%, mean cell residence time is 15 day, specific gravity of primary sludge is 1.02 and specific gravity of Digested sludge = 1.04. Also find the fuel value of this sludge.

Q.2) Calculate the diameter required for a single stage Trickling Filter (TF) which is to yield effluent BOD of 20 mg// when treating settled domestic sewage of BOD 120 mg/l. Waste water flow is 2200 m³/day and recirculation is 4000 m³/day. Depth of the tank may be taken to be 1.5 m.

Q.3) The sewage is flowing at 4.5 million litres perday from a primary clarifier to a standard ratetrickling filter. The 5-day BOD of the influent is 160 mg/l. The value of the adopted organicloading is to be 160 gm/m³/day and surfaceloading 2000l / (m ^ 2) / d * as Determine the volumeof the filter and its depth. Also calculate theeffericiency of this filter unit.

Q.4) Design a two stage trickling filter with each stage having equal efficiency and depth of 1.5m to treat a domestic waste water flow of 10 MLD having influent BOD, equal to 250 mg/l. The desired effluent BOD, is 25 mg// or less.

Q.5) Design an oxidation pond for treating domestic sewage of 1000 persons supplied with 200 litres per capita water per day. The BOD and the suspended solids are each of 300 mg/l. Permissible organic loading for the pond is not less than 500 kg/ha/day. The detention period is not to exceed 6 days. Assume the width of the pond to its length as 1:2 and the operational depth as 1.2 Assume any other suitable data.





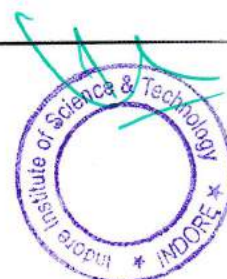
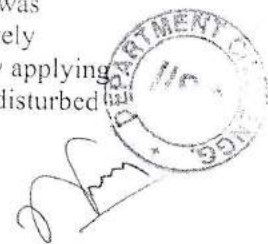
INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
DEPARTMENT OF CIVIL ENGINEERING

IV-YEAR

PRACTICE SHEET

SUBJECT : GEOTECHNICAL ENGINEERING

- Q.1) An embankment of 5 m height made of soil having effective parameters c' is $50 \text{ kN} / (\text{m}^2)$ is 16° unit, weight at bulk condition is $16 \text{ kN} / (\text{m}^3)$ The pore pressure parameters for same soil are $A = 0.4$ $B = 0.92$ Find the shear strength of the soil using effective stress parameters at the base of embankment on horizontal plane just after soil has been raised from 5 m to 8 m. Assume before raising the height, there was no pore pressure and during construction (raising height) pore pressure does not dissipate. It is given that at any depth lateral pressure is half of vertical pressure.
- Q.2) A shear vane of 7.5 cm diameter and 11 cm length was used to measure shear strength of soft clay. If a torque of 600 kg cm was required to shear the soil, then calculate the shear strength. The vane was then rotated rapidly to cause remoulding of the soil, when test is re-performed, the torque required is 200 kg cm for failure. Determine the sensitivity, shear strength of undisturbed soil and offer your comment on sensitivity.
- Q.3) In a CD triaxial test, a specimen of clay fails at a cell pressure 60 kN/m^2 . The effective shear parameters are found c' is 15 kN/m^2 and ϕ' is 20° . Determine the compressive strength of clay.
- Q.4) In a cohesionless soil, the water table is at a depth of 3 m from ground level. Degree of saturation = 0.5, $e = 0.5$, $G_s = 2.70$ and $\beta = 30^\circ$. Calculate the potential shear strength at a depth of 2.5 m below the ground level. Now, if this area gets completely submerged in under water (water is above ground level), then what will be its affect on shear strength of soil.
- Q.5) vane shear test was carried out in the field in determine the shearing strength of a deep-seated layer of soft clay. The vane was 11.25 cm high and 7.5 cm across the blades. The equivalent torque recorded at the torque head at failure was 417.5 kg cm. The vane was then rotated very rapidly in order to completely remould the soil. It was found that the remoulded soil can be sheared by applying a torque 283.2 kg.cm. Determine the shear strength of the soil in the undisturbed and remoulded states and its sensitivity





INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
DEPARTMENT OF CIVIL ENGINEERING

IV-YEAR

PRACTICE SHEET

SUBJECT : IOT

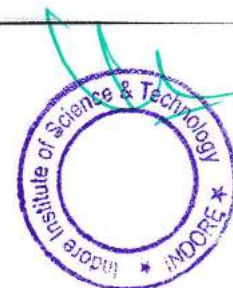
Q.1) Analyze the components required for remote authentication system to open the door and write the program to simulate the opening of the door.

Q.2) Write the characteristics of IEEE 802.15.4 Device types.

Q.3) Write a program to read temperature from LM35 and print it in the serial monitor.

Q.4) Design and implement a Burglar alert system using GSM module and Arduino development board. System should alert the user by issuing an SMS and Call when the sensor reaches a critical value.

Q.5) Write the steps to configure HC-05(Bluetooth module) as Master/Slave.





INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
DEPARTMENT OF CIVIL ENGINEERING

II-YEAR

PRACTICE SHEET

SUBJECT : TRANSPORTATION ENGINEERING-I

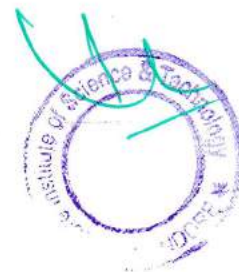
Q.1) The total length of a valley formed by two gradients-3% and +2% curve between the two tangent points to provide a rate of change of centrifugal acceleration 0.6 m/sec, for a design speed 100 km ph, is

Q.2) The total length of a valley formed by two gradients-3% and + 2% curve between the two tangent points to provide a rate of change of centrifugal acceleration 0.6 m/sec, for a design speed 100 km ph, is

B) What are the main objectives of conducting origin and destination (O-D) study.

Q.4) Explain any one method of conducting (O-D) study in brief. (b) Explain with the aid of neat sketches the methods of eliminating camber and introduction of super elevation propriate.

Q.5) The overtaking and overtaken vehicles are 10 kmph and 40 kmph respectively on a two way traffic road. If the acceleration of overtaking vehicle is 0.99 m/sec. Calculate safe overtaking sight distance. Also draw a neat sketch of the overtaking zone and show the position of the sign posts.



SUBJECT : STRUCTURE ANALYSIS-I

Q.1) For the beam shown in, if the displacement at joints B(θ_b) and C(θ_c) are $36.16/EI$ (anticlockwise) and $-4.02/EI$ (clockwise) respectively due to the loading given on it. Determine member end actions and draw SF & B.M diagrams.

Q.2 Derive the relation for action or displacement vector on member axis and structure axis for plane frame.

Q.3) List various steps involved in solution of problem using Finite Element Method and explain discretizations in details.

Q.4) Define various types of beam with different loading conditions.

Q.5) A symmetrical plane grid shown in fig.-5 is made up of steel pipes of 300 mm outer diameter and of 8 mm thickness. Determine displacement at joints and member end actions. Draw B.M, S.F and Torsional moment diagrams. Take $G=80$ GPa.



SUBJECT : DESIGN OF STEEL STRUCTURE

Q.1) What are the advantages of steel as a structural material.

Q.2) Design a single angle discontinuous strut to carry a factored axial comp. load of 65 KN. The length of strut is 3.0 m between intersection. It is connected to 12 mm thick gusset plate by 20 mm Dia 4.6 grade bolts use steel of grade fe 410. CO

Q.3) Design a built-up column with four angles. The column is 12 m long and supports a factored axial compressive load of 700 KN. The ends of column are held in position and restrained against rotation. Design double lacing system. Use steel of grade fe4 10.

Q.4) A column ISHB 350 at 661.2 N/m comes comp. factored load of 1800 KN. Design a suitable bolted gusset base. The base rests on M₁ grade concrete pedestal. Use 24 mm dia. bolts of grade 4.6 for making the connection.

Q.5) Determine the tensile capacity of the sections shown in Fig. if:- (a) Angles are placed on the opposite sides of gusset plate (tack bolted).

(b) Angles are placed on the same side of gusset plate (tack bolted).





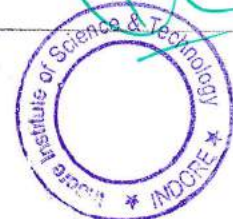
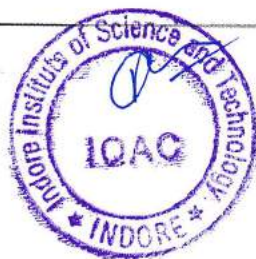
INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
DEPARTMENT OF CIVIL ENGINEERING

III-YEAR

PRACTICE SHEET

SUBJECT : ENVIRONMENTAL ENGINEERING

1. Calculate the diameter required for a single stage Trickling Filter (TF) which is to yield effluent BOD of 20 mg// when treating settled domestic sewage of BOD 120 mg/l. Waste water flow is 2200 m³/day and recirculation is 4000 m³/day Depth of the tank may be taken to be 1.5 m.
2. The sewage is flowing at 4.5 million litres perday from a primary clarifier to a standard ratetrickling filter. The 5-day BOD of the influent is 160 mg/l. The value of the adopted organicloading is to be 160 gm/m³/day and surfaceloading 2000l / (m ^ 2) / d * as Determine the volumeof the filter and its depth. Also calculate theeffericiency of this filter unit.
3. Design a two stage trickling filter with each stage having equal efficiency and depth of 1.5m to treat a domestic waste water flow of 10 MLD having influent BOD, equal to 250 mg/l. The desired effluent BOD, is 25 mg// or less.
4. Give the design flow value for separate, combined and storm sewers.
5. What is grey water and grey water harvesting?





INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE
DEPARTMENT OF CIVIL ENGINEERING

III-YEAR

PRACTICE SHEET

SUBJECT : RCC-1

1. Design a rectangular water tank of size 6 m X 3m in plan and having a height of 2.5 m, resting on firm ground. Design long wall, short wall, top and bottom slabs. Draw the reinforcement details in sections and plan. Adopt M25 grade concrete and Fe 415 grade steel. Use suitable method for design
2. For the floor plan as shown below, the slabs are subjected to L.L. of 4 KN/(m²) and floor finish load is 1 kN/(m²) Thickness of walls may be considered as 200 mm and height of walls is 3.5 m. Design Slab S_{i} Beams SB₍₁₎ and M*B₍₁₎ Draw reinforcement details for slab and beams. Adopt M20 and Fe 415 Use LSM.
3. For a staircase block of size 4 m X 6 m in plan and floor to floor height of 3.5 m, design doglegged staircase for L.L. of 5kN/(m²) and floor finish load of 1kN/(m²) Consider flights from plinth to midlanding and from midlanding to floor. Draw reinforcement details for both flights. Adopt M25 and Fe 415 Use LSM.
4. Design toe slab and stem of a cantilever retaining wall for following data. Height of soil to be retained above G.L. is 3.3 m. SBC of soil at a depth of 1.5 m is 125 kN/(m²) Unit weight of soil is 18kN/(m³) Coefficient of friction is 0.5. Adopt M20 and Fe 415 Draw reinforcement details.
5. Explain the various equipments used for the construction of high riss building Make a neat sketch of any two of the Hauling Equipments earthmoving machine/hoisting equipment



SUBJECT : FLUID MECHANICS-II

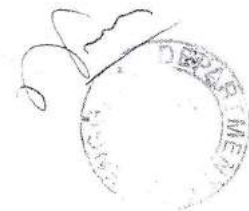
Q.1) A tank 5 m high is half filled with water and then is filled to the top with oil of density $0.85 \text{ g / c * m } ^ 3$ The pressure at the bottom of the tank, due to these liquids is.

Q.2) A bingham fluid of viscosity $\mu = 10 \text{ Pa-s}$ and yield stress $\tau_0 = 10 \text{ kPa}$ is sheared between flat parallel plates separated by a distance 103 m. The top plate is moving with a velocity of 1 m/s. The shear stress on the plate is?

Q.3) A journal bearing has a shaft diameter of 40 mm and length of 40 mm. The shaft is rotating at 20 rad/sec and the viscosity of the lubricant is 20 mPa-s. The clearance is 0.02 mm. The loss of torque due to the viscosity of the lubricant is approximately?

Q.4) A piston of diameter 60 mm moves inside a cylinder of 60.1 mm diameter. The percentage decrease in force necessary to move the piston when the lubricant warms up from 0°C to 120°C will be?

Q.5) A bearing has a diameter of 20 mm and length of 50 mm. The shaft is rotating at 20 rad/sec and the viscosity of the lubricant is 70 mPa-s. The clearance is 0.08 mm. The loss of torque due to the viscosity of the lubricant is approximately?



List of Advance Learners from Mechanical Engineering Department

INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE	
DEPARTMENT OF MECHANICAL ENGINEERING	
LIST OF ADVANCES LEARNER	
ME-803	
Enl. No.	Students Name
0818ME191010	AMAN PANDEY
0818ME191023	ARPIT BUNDELA
0818ME191032	GAJENDRA TOMAR
0818ME191037	HARSHIT PATIDAR
0818ME191043	KIRTAN PATEL
0818ME191045	KULDEEP SISODIYA
0818ME191048	MAHESH JOSHI
0818ME191050	MANISH RATHORE
0818ME191052	MOHD. AMAN MEV
0818ME191070	PUNAM GURJAR

INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE					
DEPARTMENT OF MECHANICAL ENGINEERING					
LIST OF ADVANCES LEARNER					
ME-601		ME-602		ME-603	
Enl. No.	Students Name	Enl. No.	Students Name	Enl. No.	Students Name
0818ME201005	ADARSH TIWARI	0818ME201028	ROHIT KUMAR PATEL	0818ME201037	SUMIT MANDE
0818ME201020	KULDEEP OJHA	0818ME201030	SACHIN KANEL	0818ME201038	SUNIL
0818ME201024	MD FAISAL ABDI			0818ME201040	VIJAY SINGH SATWAL
0818ME201026	PREET GUPTA			0818ME213D01	GAUTAM DIVEKAR
0818ME201027	RAHUL VISHWAKARMA			0818ME213D02	YASH VAGHMARE
0818ME201028	ROHIT KUMAR PATEL				
0818ME201035	SHREYA BHAWSAR				

INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE			
DEPARTMENT OF MECHANICAL ENGINEERING			
LIST OF ADVANCES LEARNER			
ME-402		ME-403	
Enl. No.	Students Name	Enl. No.	Students Name
0818ME211001	ABHINESH ANURAGI	0818ME211001	ABHINESH ANURAGI
0818ME211009	ARYAN NARVARIYA	0818ME211009	ARYAN NARVARIYA



0818ME211013	DEEPTI VERMA	0818ME211013	DEEPTI VERMA
0818ME211015	DHANESH BAWANYA	0818ME211015	DHANESH BAWANYA
0818ME211017	GAGAN PATIDAR	0818ME211017	GAGAN PATIDAR
0818ME211027	MOHIT NAGVANSHI	0818ME211027	MOHIT NAGVANSHI
0818ME211037	SANDEEP BALODIYA	0818ME211037	SANDEEP BALODIYA



List of Advance Learners from ESH (First Year) Department

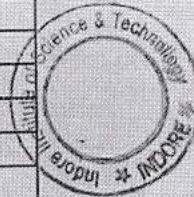
Indore Institute of Science And Technology, Indore

CSE	Advanced Learners
Subject	List of Students
	ADITYA DEWANGAN
	ADITYA KUMAR
	ADITYA KUMAR VISHWAKARMA
	AMIT KUMAR
	ASHUTOSH UPADHYAY
	AYUSH KATARIYA
	AYUSH PORWA
	AYUSH TAWAR
	BHUMIKA SONARE
	CHANCHAL SONI
	DIPANSHU PARMAR
	GUNGUN JAISWAL
	GYANENDRA SINGH
	HARSHITA SHARMA
	HIMANSHI PATIDAR
	KALASH JAIN
	LUCKY GIRI
	MAYANK GEHLOT
	MOHIT PATEL
	MOHIT WADHWANI
	NAVNEET KAUR
	PRACHI YADAV
	PRINCE ANAND
BT 201	PRIYANSHI NEEMA
	RAJ UPADHYAY
	RAJA BHAIYA BHARDWAJ
	RISHIKA THAKRE
	ROHIT CHOUKIKER
	SAMAR KUMAR MANDLOI
	SANJAY DANGI
	SANYAM BHANDARI
	SHIVAM JADHAM
	SHIVRAJ RANAVAT
	SUBODH THAKUR
	TANISHKA BANSAL
	TEERTH MODAK
	UMME HAANI
	VAISHNAVI BHANDARI
	VAISHNAVI ZOPE
	VANSH DUBEY
	VEDIKA MISHRA
	VIKAS CHOURASIYA
	VINAY PATIDAR
	VIRAL JAIN
	VISHAL BARETHA
	YASH JAIN

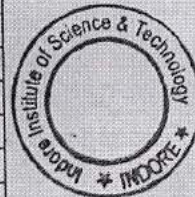


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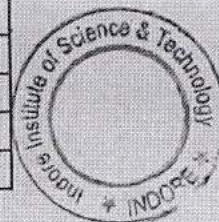
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AADIT SHARMA
ABBAS
ADITYA DEWANGAN
ADITYA KUMAR
ADITYA KUMAR VISHWAKARMA
AMAN PATEL
AMIT KUMAR
AMIT YADAV
ANAMIKA SINGH
ANKIT YADAV
ASHUTOSH UPADHYAY
AYUSH KATARIYA
AYUSH PORWAL
BHUMIKA SONARE
BIKALP SHUKLA
CHANCHAL SONI
DEEPAK YADAV
DITI URVIJA
GUNGAN JAISWAL
GYANENDRA SINGH
HARSH AGRAWAL
HARSHAD PANSE
HARSHIT GUPTA
HIMANSHI PATIDAR
JAYSHREE THAKUR
JIGYASA HANOTE
KALASH JAIN
KAPIL CHOUDHARY
KUNWAR SINGH BHADOURIYA
KUSHAGRA CHAVEL
MAHAKRANI ADWANI
MANISH PATIDAR
MAYANK GEHLOT
MD MUBASHIR KHAN
MOHD ANAS SIDDIQUI
MOHIT PATEL
MOHIT WADHWANI
MRUNALI BAVISKAR
MUSKAN SHUKLA
NAVNEET KAUR
OJASVA MANIK
PAKHI SOLANKI
PIYUSH GANGRADE
PIYUSH RAJPUT
PRACHI JITENDRA MAVKAR
PRACHI YADAV
PRATHAM HAR HAR MAHADEV
PREET YADAV
PRIYANSHI NEEMA



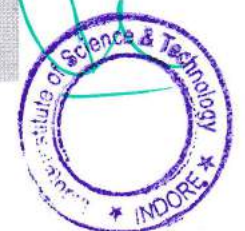
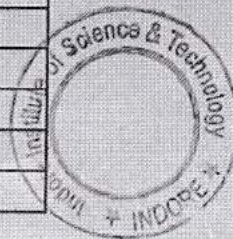
PULAK AGRAWAL
PULKITA AGRAWAL
RAJA BHAIYA BHARDWAJ
RISHIKA THAKRE
RISHIKA YADAV
SANSKAR DWIVEDI
SHIVAM TRIPATHI
ONIYA SINGH RAGHUVANSHI
TAHER SABIR
TANISHKA BANSAL
VAIDIK GARG
VAISHNAVI BHANDARI
VAISHNAVI ZOPE
VEDIKA MISHRA
VIKAS CHOURASIYA
VISHAL BARETHA
VRINDA THEPADIA
YASH JAIN
YASH KHANDELWAL
BT 203 ABBAS
ADITYA KUMAR VISHWAKARMA
AMIT KUMAR
AMIT MANKAR
ANAMIKA ANKOLNERKAR
AYUSH KATARIYA
DEBOTTAMA BARDHAN
DEEPAK YADAV
GYANENDRA SINGH
HAPPY SHARMA
JAYSHREE THAKUR
KAPIL CHOUDHARY
KHUSHI BARASKAR
LOKESH MAHAJAN
MAHAKRANI ADWANI
MOHIT MANDLOI
MOHIT PATEL
MOHIT WADHWANI
MUSKAN SHUKLA
NAVNEET KAUR
NISHANT SINGH BHANDARI
PAKHI SOLANKI
PALLAVI MODI
PIYUSH RAJPUT
PRACHI YADAV
PRANAV SURYAKANT PATIL
PRATHMESH BHAWSAR
PREET YADAV
PREET YADAV
PULKITA AGRAWAL
SANJAY DANGI



	SOURABH MISHRA
	SUBODH THAKUR
	TANISHKA BANSAL
	UMME HAANI
	VAISHNAVI ZOPE
	VEDIKA MISHRA
	VIKAS CHOURASIYA
	VISHAL BARETHA
	YUG SHRIVASTAVA
	YASH JAIN
BT 204	ADITYA KUMAR VISHWAKARMA
	AMIT KUMAR
	AMIT KUMAR PAL
	AMIT MANKAR
	AYUSH KATARIYA
	CHANCHAL SONI
	DEBOTTAMA BARDHAN
	DEEPAK YADAV
	HIMANSHI PATIDAR
	PULKITA AGRAWAL
	RISHIKA THAKRE
	RISHIKA YADAV
	SHIVRAJ RANAVAT
	SUBODH THAKU
	SUMAN VERMA
	TANISHKA BANSAL
	TEERTH MODAK
	VAISHNAVI BHANDARI
	VAISHNAVI ZOPE
	VISHAL BARETHA
YASH JAIN	
YASH KHANDELWAL	
BT 205	ADITYA KUMAR
	AYUSH KATARIYA
	GYANENDRA SINGH
	HARSH AGRAWAL
	SHIVRAJ RANAVA
	TANISHKA BANSA
	VANSH DUBEY
	VAISHNAVI ZOPE
YASH JAIN	



IT	Advanced Learners
Subject	List of Students
BT 201	KSHITIJ SAXENA
	MURLIDHAR CARPENTER
	MUSTUFA ALI
	NAINCY SAHU
	RISHABH JAIN
	ROHAN BHADANG
	SANIDHYA SONI
	SURAJ SINGH DHAKAR
BT 202	PRAKHAR
	RAMU KUSHWAH
	RISHABH JAIN
	RIYA RATHORE
BT 203	KSHITIJ SAXEN
	MURLIDHAR CARPENTER
	PRAKHAR
	PRIYANKA NIMBULKAR
	RISHABH JAIN
	RIYA RATHORE
	SANIDHYA SONI
BT 204	AALOK KUSHWAHA
	ASHVARYA PATIL
	DEEPALI CHHAPRE
	GOPAL CHOUHAN
	MURLIDHAR CARPENTER
	MUSTUFA ALI
	PARI MEENA
	PRASHANT PAGARE
	PRIYAL JAIN
	RAMU KUSHWAH
	RISHABH JAIN
	SURAJ SINGH DHAKAR
	YASHRAJ SINGH CHANDRAWAT
	BT 205
PRERNA YADAV	
RAMU KUSHWAH	
RISHABH JAIN	
SHARAD TIWARI	
YASHRAJ SINGH CHANDRAWAT	



IOT	Advanced Learners	
Subject	List of Students	
BT 101	AANIYA MEHRA	
	SHIVAM PAL	
	SHIVAM SINGH CHOUHAN	
BT 103	AANIYA MEHRA	
	AYUSHI MAKODIYA	
	GOUTAM VISHWAKARMA	
	MEENAKSHI CHOUHAN	
	SHIVAM SINGH CHOUHAN	
	SUVIGYA SHRIVASTAVA	
	VIVEK SHARMA	
BT 104	AMIT SHARMA	
	SHIVAM PAL	
	SHUBHI AGRAWAL	
	VIVEK SHARMA	
BT 202	AANIYA MEHRA	
	AYUSHI MAKODIYA	
	KANAK PANDEY	
	MEENAKSHI CHOUHAN	
	SAUMYA GUPTA	
	SHIVAM PAL	
	SHIVAM SINGH CHOUHAN	
	SHIVENDRA KUMAR PATERIYA	
	SHUBHI AGRAWAL	
	VIVEK SHARMA	

ME	Advanced Learners
Subject	List of Students
BT 103	PARTH SAINI





INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE

Approved by AICTE, New Delhi, Affiliated to RGPV, Bhopal, Recognized by UGC under section 2(f)

Higher Order Thinking Questions as Practice Questions for Advance Learners from ESH First Year



Practice Questions for Advanced learners

Mathematics

Q.1. If $f(x), \phi(x), \psi(x)$ have derivatives when $a \leq x \leq b$, show that there is a value c of x lying between a and b such that

$$\begin{vmatrix} f(a) & \phi(a) & \psi(a) \\ f(b) & \phi(b) & \psi(b) \\ f'(c) & \phi'(c) & \psi'(c) \end{vmatrix} = 0$$

Q.2. A rectangular box, open at the top, is to have a volume of 32 c.c. Find the dimensions of the box requiring least material for its construction.

Q.3. Show that

$$\int_0^a \frac{dx}{\sqrt[n]{a^n - x^n}} = \frac{\pi}{n} \csc\left(\frac{\pi}{n}\right)$$

where $n > 1$.

Q.4. Show that the volume of the wedge intercepted between the cylinder $x^2 + y^2 = 2ax$ and planes $z = mx, z = nx$ is $\pi(m - n)a^3$.

Q.5. If V is a set of all $(n \times n)$ matrices over any field F , then prove that a set W of all $(n \times n)$ symmetric matrices forms a vector subspace of $V(F)$.

Q.6. Let V be the vector space of all polynomials over the field \mathbb{R} of all real numbers, then show that the mapping

$$T: V \rightarrow V; T[p(x)] = \frac{d}{dx}[p(x)], \forall p(x) \in V$$

is a linear transformation.

Q.7. Test the following system of equations for consistency. If possible, solve for non-trivial solutions.

$$3x + 4y - z - 6t = 0,$$

$$2x + 3y + 2z - 3t = 0,$$

$$2x + y - 14z - 9t = 0,$$

$$x + 3y + 13z + 3t = 0$$

Q.8. Find a matrix P which transform the matrix $A = \begin{bmatrix} 1 & 0 & -1 \\ 1 & 2 & 1 \\ 2 & 2 & 3 \end{bmatrix}$ to diagonal form. Hence evaluate A^4 .

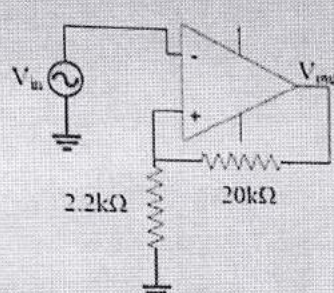
Q.9. Show that the matrix $A = \begin{bmatrix} \alpha + i\gamma & -\beta + i\delta \\ \beta + i\delta & \alpha - i\gamma \end{bmatrix}$ is unitary matrix if $\alpha^2 + \beta^2 + \gamma^2 = 1$.

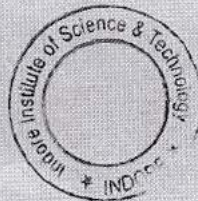
Q.10. If $3x + 2y + z = 0, x + 4y + z = 0, 2x + y + 4z = 0$, be a system of equation then

- (i) System is inconsistent.
- (ii) It has only trivial solution.
- (iii) It can be reduced to a single equation thus solution does not exist.
- (iv) Determined of the coefficient matrix is zero.

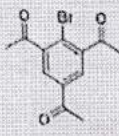
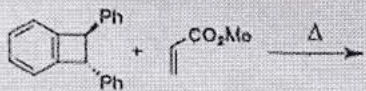


Engineering Physics

S. No.	Question
1	<p>For the Op-Amp circuit shown below, choose the correct output waveform corresponding to the input $V_{in} = 1.5 \sin 20\pi t$ (in Volts). The saturation voltage for this circuit is $V_{sat} = \pm 10$ V.</p> 
2	<p>In a two-dimensional square lattice, frequency ω of phonons in the long wavelength limit changes linearly with the wave vector k. Then the density of states of phonons is proportional to</p>
3	<p>A parallel plate capacitor with spacing d and area of cross-section A is connected to a source of voltage V. If the plates are pulled apart quasistatically to a spacing of $2d$, then which of the following statements are correct?</p>
4	<p>Frequency bandwidth $\Delta\nu$ of a gas laser of frequency ν Hz is</p> $\Delta\nu = \frac{2\nu}{c} \sqrt{\frac{\alpha}{A}}$ <p>where $\alpha = 3.44 \times 10^6 \text{ m}^2 \text{ s}^{-2}$ at room temperature and A is the atomic mass of the lasing atom. For ${}^4\text{He} - {}^{20}\text{Ne}$ laser (wavelength = 633 nm), $\Delta\nu = n \times 10^9$ Hz. The value of n is _____ (Round off to one decimal place)</p>
5	<p>A particle of mass m is moving inside a hollow spherical shell of radius a so that the potential is</p> $V(r) = \begin{cases} 0 & \text{for } r < a \\ \infty & \text{for } r \geq a \end{cases}$ <p>The ground state energy and wavefunction of the particle are E_0 and $R(r)$, respectively. Then which of the following options are correct?</p>



Engineering Chemistry

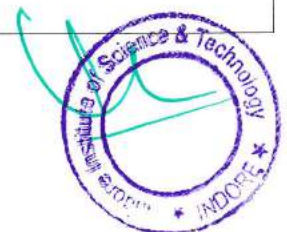
S. No.	Question
1	An organic compound exhibits the $[M]^+$, $[M+2]^+$ and $[M+4]^+$ peaks in the intensity ratio 1:2:1 in the mass spectrum, and shows a singlet at δ 7.49 in the $^1\text{H NMR}$ spectrum in CDCl_3 . The compound is:
2	The rate of the substitution reaction of $[\text{Co}(\text{CN})_5\text{Cl}]^{2-}$ with OH^- to give $[\text{Co}(\text{CN})_5(\text{OH})]^{2-}$
3	The number of signal(s) in the $^1\text{H NMR}$ spectrum of the following compound  recorded at 25°C in CDCl_3 is _____.
4	The major product formed in the following reaction  is:
5	In an electrochemical cell, Ag^+ ions in AgNO_3 are reduced to Ag metal at the cathode and Cu is oxidized to Cu^{2+} at the anode. A current of 0.7 A is passed through the cell for 10 min. The mass (in grams) of silver deposited and copper dissolved, respectively, are: [Faraday Constant = $96,485 \text{ C mol}^{-1}$, Atomic Weight of $\text{Ag} = 107.9$, Atomic Weight of $\text{Cu} = 63.55$]



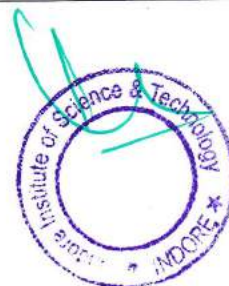
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Coursera Certification on emerging courses

NAME	ENROLLMENT NO	NAME OF COURSE	Course Certificate URL
Mahak Thakur	0818CS201086	Building a Text-Based Bank in Java	https://www.coursera.org/account/accomplishments/verify/NXK6PJFPX9GA
Akarshit Srivastava	0818CS201011	Modern JavaScript: ES6 Basics	https://www.coursera.org/account/accomplishments/verify/5L4NFVFSKPWF
Vikas Kumar Sharma	0818CS171086	Graphic design: pop your LinkedIn with 3D effect using Canva	https://www.coursera.org/account/accomplishments/verify/NFL78ERQUBWT
Pratik vishwakarma	0818CS 191131	AWS S3 Basics	https://www.coursera.org/account/accomplishments/verify/4K3G9RQXGZQP
Garima Batham	0818CS201052	Linear Regression with NumPy and Python	https://www.coursera.org/account/accomplishments/verify/99XP7QGEY39S
Garima Batham	0818CS201052	Use Canva to Create Desktop and Mobile-friendly Web Pages.	https://www.coursera.org/account/accomplishments/verify/JPQYHCD7SNPR
Deepak Kumar Kushwaha	0818CS201041	Modern JavaScript: ES6 Basics	https://www.coursera.org/account/accomplishments/verify/Q6U2DSSRS73Q
Deepika Negi	0818CS191050	Introduction to Big Data	https://www.coursera.org/account/accomplishments/verify/VTUQ2C7BMDVM
Lavisha Gaur	0818CS201083	Accomplishment STAR Techniques for Job Interviews	https://www.coursera.org/account/accomplishments/verify/B57EDUNHL448
Anshika Gupta	0818CS191027	Introduction to Data Analysis using Microsoft Excel	https://www.coursera.org/account/accomplishments/verify/W2V3HZ98QN6P
Sparsh Jaiswal	0818CS201172	Blockchain and Cryptocurrency Explained	https://www.coursera.org/account/accomplishments/verify/9VECXHTS2S35
Jyotiraditya Kedare	0818CS191075	Agile Project: Product Prototype Touchpoint Analysis in Miro	https://www.coursera.org/account/accomplishments/verify/4BM7QH44AVB3
Anshika Gupta	0818CS191027	Seeking Investment Alpha	https://www.coursera.org/account/accomplishments/verify/J5LMXLG7RREV
Anshika Gupta	0818CS191027	Introduction to Business Analysis Using Spreadsheets:	https://www.coursera.org/account/accomplishments/verify/WEKZ7FTDPDJF



		Basics	
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Kartik sahu	0818CS201072	Command Line in Linux	https://www.coursera.org/account/accomplishments/verify/TYZDRADQC8PR
Bhupesh Patidar	0818CS201039	Command Line in Linux	https://www.coursera.org/account/accomplishments/verify/RNRPRYU8NZ2W
Aarchi Gupta	0818CS201002	Modern JavaScript: ES6 Basics	https://www.coursera.org/account/accomplishments/verify/D6LUGQJWXSYP
Jayesh Verma	0818CS211083	Building a Text-Based Bank in Java	https://www.coursera.org/account/accomplishments/verify/CBAXQVPRUD86
Meghan Bhangale	0818CS201094	Introduction to Basic Game Development using Scratch	https://www.coursera.org/account/accomplishments/verify/4QCRPLJH8H2U
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Sneha chouhan	0818IT211058	Preparation for Job Interviews	https://www.coursera.org/account/accomplishments/verify/JCBy9K6XJRN9
Amit Panchal	0818IT211005	Modern JavaScript: ES6 Basics	https://www.coursera.org/account/accomplishments/verify/UM25QW6CGYQN
Abhishek Patidar	0818EC201004	Preparation for Job Interviews	https://www.coursera.org/account/accomplishments/verify/U5698SR9GXYP

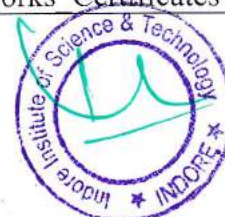


Jay pandey	0818EC201028	Get Started with Adobe Illustrator	https://www.coursera.org/account/accomplishments/verify/U5QSUQ8WQZ5H
Tanmay soni	0818EC201052	Create a Profile and Network on LinkedIn	https://www.coursera.org/account/accomplishments/verify/DQLVBGCXNEJC
Sandesh Kale		Create a no-code responsive website with Webflow	https://www.coursera.org/account/accomplishments/verify/ZMQ3X3ZP4WNL
SHIVAM JHA	0818ME191087	Create Your First Web App with Python and Flask	https://www.coursera.org/account/accomplishments/verify/9Z7MSF9USVD9
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2	Tanmay	Pal	0818IT201062	CCNAv7 Introduction to Networks Certificates
3	Sarika	Purohit	0818IT201057	CCNAv7 Introduction to Networks Certificates
4	Aditya	Singh	0818IT201004	CCNAv7 Introduction to Networks Certificates
5	Roshan	Kumar	0818CS201149	CCNAv7 Introduction to Networks Certificates
6	Lakshya	gupta	0818cs201082	CCNAv7 Introduction to Networks Certificates
7	Govind	Yadav	0818cs201056	CCNAv7 Introduction to Networks Certificates
8	Deepanshu	Bhatt	0818CS201042	CCNAv7 Introduction to Networks Certificates
9	Deepak Kumar	Kushwaha	0818CS201041	CCNAv7 Introduction to Networks Certificates
10	Atharv	Shrotriya	0818CS201033	CCNAv7 Introduction to Networks Certificates
11	Devangi	Chouhan	0818CS201045	CCNAv7 Introduction to Networks Certificates
12	Kunal	Deshmukh	0818CS201080	CCNAv7 Introduction to Networks Certificates
13	Aditya	Jain	0818IT201003	CCNAv7 Introduction to Networks Certificates
14	Utsav	Kumar	0818CS201187	CCNAv7 Introduction to Networks Certificates
15	Siddharth Singh	Chouhan	0818CS201168	CCNAv7 Introduction to Networks Certificates
16	Saksham	Jain	0818CS201150	CCNAv7 Introduction to Networks Certificates
17	Rahul	Rajput	0818CS201137	CCNAv7 Introduction to Networks Certificates
18	Naman	Jain	0818CS201103	CCNAv7 Introduction to Networks Certificates
19	Mihir	Chouhan	0818CS201096	CCNAv7 Introduction to Networks Certificates
20	Kuldeep Singh	Rathore	0818CS201079	CCNAv7 Introduction to Networks Certificates
21	Kamal	Rawat	0818CS201068	CCNAv7 Introduction to Networks Certificates



22	Jayti	Gokharu	0818CS201066	CCNAv7 Introduction to Networks Certificates
23	Harsh	Maheshwari	0818CS201057	CCNAv7 Introduction to Networks Certificates
24	Garima	Batham	0818CS201052	CCNAv7 Introduction to Networks Certificates
25	Dheeraj	Yadav	0818CS201046	CCNAv7 Introduction to Networks Certificates
26	Astitva	Shrivastava	0818CS201032	CCNAv7 Introduction to Networks Certificates
27	Astitva	Patle	0818CS201031	CCNAv7 Introduction to Networks Certificates
28	Anurag	Mukati	0818CS201025	CCNAv7 Introduction to Networks Certificates
29	Anshu	Mourya	0818CS201023	CCNAv7 Introduction to Networks Certificates
30	Aniket	Thakur	0818CS201019	CCNAv7 Introduction to Networks Certificates
31	ANANYA	JADON	0818CS201017	CCNAv7 Introduction to Networks Certificates
32	Akshay Singh	Naroliya	0818CS201013	CCNAv7 Introduction to Networks Certificates
33	Akarshit	Srivastava	0818CS201011	CCNAv7 Introduction to Networks Certificates
34	Aditya	Sohani	0818CS201009	CCNAv7 Introduction to Networks Certificates
35	Aarti	Patidar	0818CS201003	CCNAv7 Introduction to Networks Certificates
36	Aarchi	Gupta	0818CS201002	CCNAv7 Introduction to Networks Certificates
37	Ankit	Yadav	0818CS191025	Cyber Security Essentials
38	Anurag	Mishra	0818CS191031	Cyber Security Essentials
39	HEMANT	MULCHANDANI	0818CS191064	Cyber Security Essentials
40	Abhishek	Dhote	0818IT191005	Cyber Security Essentials
41	Vishal	Patidar	0818IT191067	Cyber Security Essentials
42	Rishi	Raghuvanshi	0818IT191044	Cyber Security Essentials
43	Srashti	Shrivastav	0818cs191170	Cyber Security Essentials
44	Pooja	Pal	0818IT191034	Cyber Security Essentials
45	Keerti	Chouhan	0818IT191030	Cyber Security Essentials
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47	BALRAM	RAGHUVANSHI	0818CS191042	Cyber Security Essentials
48	SHARAD	PATEL	0818CS191166	Cyber Security Essentials
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54	HEMANT	MULCHANDANI	0818CS191064	Introduction to cyber security
55	Deepika Negi	Negi	0818CS190150	Introduction to cyber security
56	Abhishek	Dhote	0818IT191005	Introduction to cyber security
57	BALRAM	RAGHUVANSHI	0818CS191042	Introduction to cyber security
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61	AYUSH	GAIKWAD	0818IT191017	Introduction to cyber security
62	Vishwajeet	Verma	0818CS191201	Introduction to cyber security
63	Vishal	Patidar	0818IT191067	Introduction to cyber security
64	Srashti	Shrivastav	0818cs191170	Introduction to cyber security
65	Rishi	Raghuvanshi	0818IT191044	Introduction to cyber security
66	Rahul	Kashyap	0818CS191137	Introduction to cyber security
67	Pulkit	Sablok	0818CS191134	Introduction to cyber security
68	Aarti	Patidar	0818CS201003	Introduction to cyber security
69	Abdullah	Khan	0818IT191002	Introduction to cyber security
70	Aditya	Singh	0818IT201004	Introduction to cyber security
71	Aditya	Jain	0818IT201003	Introduction to cyber security
72	Akarshit	Srivastava	0818CS201011	Introduction to cyber security
73	Akshay Singh	Naroliya	0818CS201013	Introduction to cyber security
74	Aniket	Thakur	0818CS201019	Introduction to cyber security
75	Anjuman	Varsee	0818IT191012	Introduction to cyber security
76	Anurag	Gupta	0818CS201024	Introduction to cyber security
77	Ashish	Kushwah	0818IT191015	Introduction to cyber security
78	Bhupesh	Patidar	0818cs201039	Introduction to cyber security
79	Deepak	Nagar	0818IT201018	Introduction to cyber security
80	Deepak Kumar	Kushwaha	0818CS201041	Introduction to cyber security
81	Devangi	Chouhan	0818CS201045	Introduction to cyber security
82	Govardhan	Singh	0818CS201055	Introduction to cyber security
83	Govind	Yadav	0818cs201056	Introduction to cyber security
84	Harsh	Maheshwari	0818CS201057	Introduction to cyber security
85	Harshita	Shrivastava	0818CS201060	Introduction to cyber security
86	Harshita	Meena	0818IT191024	Introduction to cyber security
87	KAMYA	AGRAWAL	0818CS201069	Introduction to cyber security
88	Kanha	Kushwah	0818IT191027	Introduction to cyber security
89	Kartik	Sahu	0818CS201069	Introduction to cyber security



90	Khushaboo	Kumawat	0818CS201074	Introduction to cyber security
91	Khushi	Sali	0818CS201076	Introduction to cyber security
92	Kishor	Dhamodkar	0818IT201027	Introduction to cyber security
93	Kunal	Deshmukh	0818CS201080	Introduction to cyber security
94	Lavisha	Gaur	0818CS201083	Introduction to cyber security
95	Manpreet	Kaur Bedi	0818IT191032	Introduction to cyber security
96	Mishthi	Shandilya	0818CS201097	Introduction to cyber security
97	Monika	Patidar	0818IT201035	Introduction to cyber security
98	Monu	Prajapati	0818cs201102	Introduction to cyber security
99	NAV RAJ	RANA	0818CS201106	Introduction to cyber security
100	Navneet	Malviya	0818CS201107	Introduction to cyber security
101	Pawan	Ajmera	0818ME191064	Introduction to cyber security
102	Piyush	Mandloi	0818CS201119	Introduction to cyber security
103	Piyush	Parihar	0818CS201120	Introduction to cyber security
104	Pratik	Kumbhkar	0818IT201047	Introduction to cyber security
105	PRAVEEN	KUMAR	0818CS201134	Introduction to cyber security
106	Prashansha	Kashyap	0818IT191038	Introduction to cyber security
107	Prasoon	Bhargava	0818CS201130	Introduction to cyber security
108	Raunak Kumar	Mishra	0818CS201139	Introduction to cyber security
109	Rishika	Gupta	0818CS201142	Introduction to cyber security
110	Rohit	Raj	0818CS201148	Introduction to cyber security
111	Roshni	Pal	0818ME201029	Introduction to cyber security
112	Sakshi	Patel	0818IT191048	Introduction to cyber security
113	Shivam	Vaidhya	0818CS201161	Introduction to cyber security
114	Shivank	Pateriyta	0818IT191054	Introduction to cyber security
115	Shrey	Somwanshi	0818IT191055	Introduction to cyber security
116	Siddharth Singh	Chouhan	0818CS201168	Introduction to cyber security
117	Somya	Sharma	0818CS201170	Introduction to cyber security
118	Sonam	Vitthal	0818IT201060	Introduction to cyber security
119	Ujjawal	Patidar	0818CS201182	Introduction to cyber security
120	Vanshika	Agrawal	0818CS201190	Introduction to cyber security
121	VIBHA	MISHRA	0818CS201194	Introduction to cyber security
122	Yash	Ayanyas	0818ME191106	Introduction to cyber security
123	Yash	Patel	0818CS201207	Introduction to cyber security
124	Yogita	Chouhan	0818IT201069	Introduction to cyber security

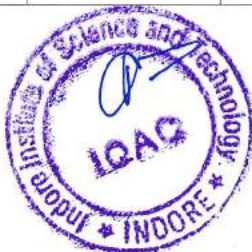


NPTEL on emerging courses

S. No.	Name of the Student	Session	Course	Score	Certification
1	Abhishek	Jan-Apr 2022	Python for Data Science	75%	Elite
2	Gokul Panwar	Jan-Apr 2022	Python for Data Science	75%	Elite
3	Rishabh Khandagre	Jan-Apr 2022	Programming in Java	81%	Elite
4	Nandini Soni	Jan-Apr 2022	Introduction to Internet of Things	57%	-
5	Ayush Soni	Jan-Apr 2023	Deep Learning	50%	-
6	Rudra Joshi	Jan-Apr 2022	Waste to Energy Conversion	63%	Elite

List of students offered Internship through Internshala

All selections					
S.no.	Hired on	Student name	Mobile no.	Company name	Stipend
1	29-11-2023	Mohit Chamyal	7400614541	InAmigos Foundation	Performance Based
2	15-10-2023	Vanshita Kurmi	6265458307	InAmigos Foundation	Performance Based
3	03-10-2023	Pratik Chouhan	8770487536	Earth5R	Performance Based
4	01-06-2023	Aayush Raje	9754548685	Gamahouse Publishing	₹2000 /month
5	01-05-2023	Priyanshi Verma	8839017979	Digi Grow Hub Education	₹5000 /month
6	27-03-2023	Aayush Raje	9754548685	Core Material Solutions	₹2000 /month + Incentives
7	29-12-2022	ISHIKA GUPTA	9303365386	NK Verma	₹1000 /month
8	15-12-2022	Sakshi Sakhi	9893000524	Hamari Pahchan NGO	Performance Based
9	15-11-2022	Divyansh Rai	7999848709	Suvidha Foundation	Performance Based
10	03-11-2022	Idrish Bohra	8441055253	Adetive Advertising	₹5000-7000 /month
11	13-10-2022	Umer Rashid	9906561308	Marpu Foundation	Performance Based
12	12-09-2022	Rahul Alatre	9516231998	Hamari Pahchan NGO	Performance Based
13	04-08-2022	Nitya Kasera	8817570025	Techkriti, IIT Kanpur	Performance Based
14	14-07-2022	Amitesh Mishra	7000522031	Codenscious.ai	₹5000 /month + Incentives
15	11-07-2022	Adarsh Pratap Singh Bais	8319809963	Raheja Solar Food Processing	₹3000 /month + Incentives
16	06-07-2022	Anshul Choubey	9131974257	Outshade Digital Media	₹12000 /month



Motivate Students for participation in National and International Competitions (SIH Winner Certificate for year 2022).



Smart India Hackathon 2022, QR Coder team Winner of SIH 2022



Smart India Hackathon 2022, Devfolks team Winner of SIH 2022



Proof of Content beyond the Syllabus from the course file

COURSE PLAN	2022-2023
	Branch - ME Year - IV Sem VII

REMEDIAL ACTION TAKEN AFTER MST 2

INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY							
DEPARTMENT OF Mechanical Engineering							
MST-II							
HMT							
REMEDIAL CLASSES							
		24-Oct	25-Oct	26-Oct	27-Oct	28-Oct	QUIZ
0818ME191038	HEMANT CHOUHAN	P	P	P	P	A	7
0818ME191042	KARTIK YADAV	P	P	P	A	P	8
0818ME191046	LALIT	A	P	P	P	P	8
0818ME191055	NAVDEEP SWAMY	P	P	P	A	P	9
0818ME191061	OM GAWAI	P	P	P	P	P	8
0818ME191071	PUSHPENDRA PATIL	P	A	P	P	P	8
0818ME191077	RAJNEESH RAJPUT	A	P	P	P	A	7
0818ME191079	RONAK PATIDAR	P	P	P	P	P	6
0818ME191084	SAURAV PANDEY	P	P	A	P	P	7
0818ME191087	SHIVAM JHA	P	A	P	P	P	8

CONTENT BEYOND SYLLABUS

Video Links

[Mod-01 Lec-41 Two dimensional steady state conduction - YouTube](#)

[Transient 3D Heat Conduction Simulation Using Finite Element Analysis In COMSOL Multiphysics - YouTube](#)

[CFD ANSYS Tutorial - Heat Transfer Analysis, convection and conduction | FLUENT - YouTube](#)

[Modeling Radiative Heat Transfer - YouTube](#)

[Lecture 12 : STE design- Kern's method-1 - YouTube](#)

Course Links

https://youtube.com/watch?v=PL1juty_DnCadN708a7n6h10Q7Wc1XqT5
<https://youtube.com/watch?v=PL1gyM10tgL1hK9566oGndGIWDQdpQzky9>

