भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद
INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD

अधिष्ठाता (शैक्षणिक) का कार्यालय
OFFICE OF THE DEAN (ACADEMIC)

क्र/No.IITISM/DAC/466   दिनांक /Dated: 25.05.2023

NOTIFICATION FOR REGISTRATION FOR SUMMER SEMESTER 2022-23

Students willing to register for Summer Semester (SS 2022-23) may refer to emails dated 23 March 2023 and 21 April 2023 (attached) sent by Assoc. Dean (Academic - UG) regarding registration for Summer Semester 2022-23.

The following categories of students may submit their application for registration for Summer Semester 2022-23 by submitting duly filled-in and signed **A3 Form** (enclosed herewith) on email to **reg_ug@iitism.ac.in** latest by **28 May 2023**:

1. Any student (UG/PG) who wishes to clear his/her **Failed** (OR) **Dropped backlog** course (s) (including courses where I grade has been awarded) or wishes to take course(s) **in advance.**

2. **Final year students who have failed in any course in WS 2022-23:** Please check the email sent by adug@iitism.ac.in on 24.05.2023 for details on failed backlog courses (given in the file "fail_final_year_WS22-23.xlsx").

3. **Pre-Final year students having failed backlog course (s)** - Such students may complete their failed backlog course(s) along with their summer internship. Maintaining 75% attendance will not be mandatory in such cases. However, all quizzes, assignments, mid & end semester examination etc. will have to be attended by such students as per schedule in person.

4. **Pre-Final year students willing to clear some courses in advance** - Pre-Final year students may complete some of their courses in advance provided they have their internship in **online** mode. They need to maintain a minimum of 75% attendance in the summer semester. All quizzes, assignments, mid & end semester examinations etc. will have to be attended as per schedule in person.

5. **Students whose course (s) have been de-registered due to disciplinary action / or those who have been awarded an F grade (including unfair means cases).**

6. **For Ph.D -** Scholars who have joined the program either after having a Master's degree **not in a relevant field** or after having a **Bachelor's degree** in Engineering, may register for summer semester 2022-23 to meet the course work requirements **in advance** (Refer Section 3.7 of the Ph.D Manual). This is applicable only for those scholars who have pending (excluding backlog) coursework in MS 2023-24/WS 2023-24.

Please also note that –

1. Those who have already submitted their A3 Form for SS 2022-23 need not apply again.

2. Only the courses that are offered in SS 2022-23 will be available for registration (List of courses attached).

3. A student is allowed to register for a maximum of TWO courses (18 credits) in SS 2022 23. In case of graduating students, a maximum of THREE courses (27 credits), may be allowed if the student is graduating after taking those three courses.

4. A minimum of five students are required to run a course in Summer Semester. Courses in which graduating students have registered may be allowed to run with one student too.

5. **The list of students along with the details of courses allowed for pre-registered by them in SS 2022-23 will be displayed by 02 June 2023.**

6. All those students whose names are there in the list to be displayed on 02 June 2023, will have to complete their registration and pay the applicable fee through parent portal during 12-16 June 2023.

7. For a fresh course / dropped course/ or cases of prior attendance default in the course, minimum 75% attendance is mandatory.

8. Incomplete forms and the forms submitted by any other mode or after the deadline will not be processed. The deadline to send duly filled A3 Form to **reg_ug@iitism.ac.in** is **28 May 2023.**

25/5/23

अधिष्ठाता (शैक्षणिक) / Dean (Academic)

(CD)

प्रति Copy to - 1. Director / Dy. Director
2. All Deans/ All HoDs
3. Students

Summer Semester 2022-23 courses

Associate Dean Academic-UG <adug@iitism.ac.in>   Thu, Mar 23, 2023 at 1:32 PM
To: student@iitism.ac.in
Cc: Ajoy Bhaumik <ajoy@iitism.ac.in>, Srinivasa Gangumalla <gsrao@iitism.ac.in>, Hari Pada Nayek <hpnayek@iitism.ac.in>, Paidinaidu Paluri <naidu@iitism.ac.in>, Soumen Bag <soumen@iitism.ac.in>, Tanish Dey <tanish@iitism.ac.in>, Jaisingh Thangaraj <jaisingh@iitism.ac.in>, Vivekananda Mukherjee <vivekananda@iitism.ac.in>, Brijesh Mishra <brijesh@iitism.ac.in>, Pankaj Kumar Jain <panku@iitism.ac.in>, Ahmed Sameer <sameer@iitism.ac.in>, S P Tiwari <sptiwari@iitism.ac.in>, Dr Partha Sarathi Paul <drpspaul@iitism.ac.in>, Amitava Mandal <amitava@iitism.ac.in>, Krishnendu Shaw <krishnendu@iitism.ac.in>, Tarun Naiya <tarunnaiya@iitism.ac.in>, Umakanta Tripathy <tripathyu@iitism.ac.in>, Shushanta Sarangi <shushanta@iitism.ac.in>, Saumen Maiti <saumen@iitism.ac.in>, Mahendra Yadav <mahendra@iitism.ac.in>, Suresh Kumar Yatirajula <suresh@iitism.ac.in>, Tarachand Amgoth <tarachand@iitism.ac.in>, "Dr. Sukanta Chakraborty" <sukanta@iitism.ac.in>, Amitesh Kumar <amitesh@iitism.ac.in>, Paresh Nayak <paresh@iitism.ac.in>, Suresh Pandian Elumalai <espandian@iitism.ac.in>, Kesavan Ravi <kesavanravi@iitism.ac.in>, Gyan Prakash <gyan@iitism.ac.in>, Santimoy Kundu <santimoykundu@iitism.ac.in>, V M S R Murthy <vmsrmurthy@iitism.ac.in>, Sachin Singh <sachinks@iitism.ac.in>, Shikha Singh <shikhas@iitism.ac.in>, Ajay Mandal <ajay@iitism.ac.in>, "Prof. P. M. Sarun" <sarun@iitism.ac.in>, Dean Academic <dacad@iitism.ac.in>, "Assoc. Dean PG IIT (ISM) Dhanbad" <adpg@iitism.ac.in>, "Associate Dean (Academic) Administration and coordination" <adac@iitism.ac.in>, DR Acad and Exam <dracad@iitism.ac.in>, AR PG <arpg@iitism.ac.in>, AR UG <arug@iitism.ac.in>

Dear Students!

1. Students who wish to register for courses in **Summer Semester (SS) 2022-23** to clear backlog/drop courses or to take courses in advance may **approach DUGC/DPGC Conveners** of their respective departments and give the list of courses to them by **Friday, 31st March, 2023.** Please note that SS classes commence from Monday, 5th June, 2023 (Academic Calendar of Summer Semester attached).

2. A student is allowed to register for a **maximum** of **TWO courses** in the SS.

3. A **graduating student** will be allowed to register for **upto THREE courses** in SS, subject to the condition that the student will be fulfilling all graduation requirements at the end of SS by taking those three courses. Otherwise Point No. 2 will be applicable.

4. UG first Year **IC courses will not be offered** in SS 2022-23, as it was already offered to backlog students along with 22JE Batch.

5. A **minimum of FIVE students** are required to run a course in the SS, with an exception for the **graduating students** wherein a course could run with a **single student** too.

6. **Practical courses** are in general not offered in the Summer Semester. However practical courses/final year project may be offered only for **graduating students**.

7. After commencement of the SS, there is **no provision for dropping a course** in SS.

8. For elective courses, students could either repeat the same course or substitute for another elective which is offered in SS. You may approach the DUGC/DPGC Convener of your department to get the list of elective courses offered by your department in SS 2022-23.

9. For fresh/dropped courses, 75% attendance is mandatory.

Best Wishes!

--
Sheeja Jagadevan, Ph.D.
Associate Dean (Academic-UG)
Indian Institute of Technology (ISM) Dhanbad

📄 **ay2223_SS.pdf**
189K

Application for Summer Semester 2022-23

Associate Dean Academic-UG <adug@iitism.ac.in>   Fri, Apr 21, 2023 at 11:03 AM
To: student@iitism.ac.in
Cc: hod@iitism.ac.in, Dean Academic <dacad@iitism.ac.in>, "Assoc. Dean PG IIT (ISM) Dhanbad" <adpg@iitism.ac.in>,
"Associate Dean (Academic) Administration and coordination" <adac@iitism.ac.in>, DR Acad and Exam <dracad@iitism.ac.in>,
AR UG <arug@iitism.ac.in>, Ashis Sarkar <ashiss@iitism.ac.in>, "Sarthak S. Singh" <sarthakssingh@iitism.ac.in>, Bishnu Kumar
<bishnu@iitism.ac.in>

Dear Students!

Appended is the list of courses offered by Departments for the Summer Semester 2022-23.

1. Students interested to register for Summer Semester 2022-23 must fill the enclosed Form A3, and **submit the hard copy of A3 form** along with your **latest grade sheet** in the Academic Section on or before **6:00 PM Thursday, 27th April, 2023**.

2. Please note that the Departmental Elective (DE) of 1 department can be taken as OE by students of another department. (Ex. DE of CSE department (CSD407) can be taken as OE by a student of Petroleum Engineering Department).

3. PG students can only opt for 5 Level courses (i.e. courses starting with a code of "XXX5--". Ex. FMO**5**43, MSC**5**06).

You may approach Mr. Kamlesh Kumar (Assistant Registrar, UG) or Mr. Ashis Sarkar (Consultant, Academic) during office hours to clear any doubts regarding the afore-mentioned.

Best Wishes!
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Sheeja Jagadevan, Ph.D.
Associate Dean (Academic-UG)
Indian Institute of Technology (ISM) Dhanbad

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2 attachments

Courses_Summer Semester 2022-23.pdf
205K

Form A3.pdf
480K

S.No.	Dept.	Category	Course Code & Name		Instructor	Pre-requisite course
1	FMME	OE	FMO543	Waste Processing and Management	Vishnu Teja	
2	FMME	OE	FMO544	Clean Coal Technology	Rajasekhar Busigari	
3	FMME	DE	FMD541	Processing Equipment Selection	Pankaj Kumar Jain	
4	MS & IE	DC	MSC506	Managerial Economics	Krittika Bannerjee	
5	MS & IE	DE	MSD514	Financial Econometrics	Krittika Bannerjee	
6	EE	ESO	EEE201	Applied Electrical Engineering	D V Bhaskar	
7	EE	ESO	EEE202	Utilization of Electrical Energy	Dushyant Sharma	
8	EE	DC	EEC201	Signals, Systems & Networks	Biplab Bhattacharya	
9	EE	DC	EEC202	Analog & Digital Electronics	Arijit Baral	
10	EE	DC	EEC203	Electromagnetic Theory and Applications	B. Krishna Naick	
11	EE	DC	EEC310	Power Electronics	Kartick Chandra Jana	
12	EE	DP	EEC376	Electrical Machines and Control Lab.	Somnath Pan/Nitai Pal	
13	MNE	OE	MNO501	Mining, Energy and Climate Change	V K Sinha	
14	MNE	DE	MND406	Mine Environmental Engineering	P Sahu	**Mine Ventilation (MNC206)**
15	MNE	ESO	MNE203	Introduction to Applied Artificial Intelligence	Siddhartha Agarwal	
16	ESE	DE	ESD502	Environmental Biotechnology	Vipin Kumar	
17	ESE	DE	ESD506	Biomedical and Hazardous Waste Management	Vipin Kumar/S K Gupta	
18	ESE	OE	ESO502	Environmental Aspects of Industries	M K Jain/E S Pandian	
19	ESE	ESO	ESE201	Pollution Control and Management	M K Jain/E S Pandian	
20	ESE	DC	ESC598	Thesis	B K Mishra/M K Jain	
21	PHY	DE	PHD502	Computational Physics	Pankaj Mishra	
22	PHY	DC	PHC208	Electrodynamics	Pankaj Mishra	
23	PHY	DC	PHC514	Statistical Mechanics	S K Sharma	
24	PHY	DC	PHC516	Nuclear and Particle Physics	J Manam	
25	PE	DC	PEC203	Drilling Fluids & Cementing	Vinay Rajak	
26	PE	DE	PED405	Pipeline Engineering	Vinay Rajak	
27	PE	DE	PED404	Petroleum Engineering Design	V Mahato	
28	PE	DE	PED502	Well Intervention and Simulation Techniques	Raj Kiran	
29	HSS	OE	HSO310	Psychology of Everyday Life	Ahmed Sameer	
30	M&C	DC	MCC517	Design and Analysis of Algorithms	D Pradhan	
31	M&C	DC	MCO501	Discrete Mathematics	Santimoy Kundu	
32	M&C	OE	MCO533	Numerical Linear Algebra	Pentyala Srinivasa Rao	
33	CSE	ESO	CSE203	Data Structures and Algorithms	Arup K Pal/ Anshuman Bhattacharya	
34	CSE	DE	CSD407	Network Security	Anshuman Bhattacharya	

35	**CSE**	DE	CSD502	Cloud Computing	D. Ramesh	
36	**CSE**	DE	CSD511	Information Theory and Coding	G. Sahoo	
37	**CSE**	DE	CSD518	Pattern Recognition	Ayan Das	
38	**ECE**	DC	ECC208	Control Systems	Govind Murmu/ SK Raghuwanshi	
39	**ECE**	DC	ECC302	Digital Signal Processing	Himanshu B Mishra/ Samrat Mukhopadhyay	
40	**ECE**	DE	ECD403	Computer Networks	Debjani Mitra	
41	**ECE**	DC	ECC202	Signals and Networks	Govind Murmu/ Prashant Kumar Varshney	
42	**ECE**	DE	ECD503	Wireless Communication Systems	Himanshu B Mishra/ Samrat Mukhopadhyay/ Govind Murmu	
43	**ECE**	ESO	ECE201	Measurements and Instrumentations	S.K.Raghuwanshi/ Mrinal Sen	
44	**ECE**	DC	ECC201	Electronic Devices	M.K.Das/ Manodipan Sahoo/ Amitesh Kumar	
45	**CIV**	OE	CEO525	Optimization Methods	Sarat Kumar Das / Pranesh Roy	
46	**MECH**	DC	MEC203	Applied Thermodynamics	Rakesh Kumar	
47	**MECH**	OE	MMO301	Automobile Engineering	L A Kumaraswamidhas / Tanmay Dutta	
48	**MECH**	DE	MMD503	Computational Fluid Dynamics	Subhankar Sen	
49	**MECH**	DC	MEC306	Computer Aided Manufacturing	Vivek Bajpai	
50	**MECH**	ESO	MEE201	Engineering Materials	Madan Lal Chandravanshi	
51	**MECH**	DC	MEC301	Machine Design	K P Ajit	
52	**MECH**	DE	MED405	Mechanics of Composite Material	Ashis Mallick/ Prashanta Kr Mahato	
53	**MECH**	DC	MEC303	Advanced Solid Mechanics	Ashis Mallick/ Prashanta Kr Mahato	
54	**CHEMICAL**	OE	CHO301	Petroleum Refining	Paidinaidu Paluri/ Sourav Sengupta	
55	**CHEMICAL**	OE	CHO502	Fluidization Engineering	Ejaz Ahmad/ Aritra Santra	
56	**AGL**	DE	GLD502	Hyperspectral Remote Sensing and its Applications	A. K. Prasad	
57	**CCB**	DE	CYD524	Basics of Chemical Biology	Naga Rajiv Lakkaniga	
58	**AGP**	DE	GPD520	Earthquake Statistics and Hazard	Niptika Jana	

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES) DHANBAD
OFFICE OF THE DEAN (ACADEMIC)
APPLICATION FORM FOR SUMMER SEMESTER

HARD COPIES **MUST BE SUBMITTED** AT THE O/O DEAN (ACADEMIC) ALONG WITH THE **LATEST GRADE SHEET**

Academic Session			**Semester**	Summer		✓
1.	Name of Student					
2.	Admission No.		Department			
3.	Program		Branch (if any)			
4.	Institute Email ID					
5.	Contact Number					
6.	**Are you a Graduating Student?** (Write "Yes" if you have a maximum of 3 courses (including DP) remaining to complete your academic program)					

7. APPLIED COURSE(S) FOR SUMMER - (Specify Course Type with Sequence No. e.g. OE6/DE4/ESO3 etc.):

For correct course type, you are advised to visit the IIT(ISM) website → Academics →Course Structure → Download the course structure of your department → Find the Course Type in respective semester of your program for repeat/substitute/advance course(s).

If you have (i) backlog in a specific course, (ii) dropped a specific course or (iii) want to take a course in advance, mention the correct Course Type (viz. OE1, OE2..., DE1, DE2..., DC1, DC2..., DP4, DP5..., ESO1, ESO2...etc.)

Sl. No.	Course Code	Title of the Course	Applying for Repeat(**R**)/ Substitute(**S**)/ Advance(**A**)	If, previous column is Substitute (**S**), then originally failed/ dropped course type & course code	Course type of the applied course (DC#/DE#/OE#/ESO#/DP#) e.g. OE8, DC4, DE2 etc.
1.				**&**	
2.				**&**	
3.				**&**	

Note:
- Department Practical courses (DP) will be offered only for graduating student.
- Please mention the correct course type. Incorrect course type will cause discrepancy in the final grade sheet.

8. I am requesting you to kindly allow me to register in the applied course(s) listed above and allow me to pursue my academic program in the summer semester. If it transpires at a later stage that the courses listed in the application contravenes the graduation requirement conditions or violates general terms & conditions of summer semester as appropriate, my application will be changed automatically by dropping the respective course(s) without my consent.

Date: _____   Signature of Student: _____