

ARMY INSTITUTE OF TECHNOLOGY, PUNE

REPORT OF ALUMNI MEET 2023

The National Alumni Meet of the year 2023 unfolded at AIT Campus on December 23rd, with a remarkable turnout of approximately 200 esteemed alumni. The Manekshaw Hall witnessed the commencement of the event at 11:00 am with the opening ceremony. Prof. Manoj S. Khaladkar, Executive Secretary of the Alumni Association, inaugurated the proceedings, followed by Mr. Amit Agarwal, Secretary of the Alumni Association, who shared his insights.

In a strategic move to harness alumni contributions effectively, each Head of the Departments presented the achievements and highlighted areas where alumni support could be instrumental. Detailed presentations from various departments are attached herewith for reference.

The event featured presentations from the Student Club Secretaries and Faculty in charge of key clubs, including the E-CELL, OSS (Open Source Software) Club, and CEAR (Centre of Excellence in AI and Robotics) Club, showcasing their achievements.

A special session on 'Yoga' was conducted by Alumnus Lakhvinder Singh, a 2013 Mechanical graduate. Dr. B P Patil, the Principal of Army Institute of Technology, addressed the gathering, sharing his thoughts, and Brig Abhay Bhatt, the Director of Army Institute of Technology, concluded the formal sessions by expressing his views and urging alumni for continued support.

The Raman Theatre hosted a cake-cutting ceremony to commemorate the 25 years since the graduation of the 1999 batch, with Mr. Pranav Bairagi (1999 E&TC pass out) as the coordinator. A group photo session and a celebratory lunch followed in the Raman Theatre.

The afternoon session saw prominent clubs setting up stalls, including CEAR, OSS, ISDF (Information Security and Digital Forensic) Club, R&D Club, DDQ, GDXR (Game Development and Extended Reality) Club, and EV Club. Alumni actively engaged with students during these Club stall visits, with departmental interactions organized later in the afternoon.

Sports enthusiasts among the alumni participated in specially organized events, including Basketball, Lawn Tennis, Football, Volleyball, Cricket, Table Tennis and Badminton. The day reached its pinnacle with a grand cultural show presented by the DDQ club, featuring plays, singing and dance performances by both students and alumni, eliciting an overwhelming response.

The event concluded with a Dinner & Social at Gurnam Lake, providing a relaxed and social setting for further interactions among the alumni. The National Alumni Meet of 2023 at AIT Campus stood out as a memorable and successful occasion, fostering stronger connections among Alma Mater and its distinguished alumni.





ARMY INSTITUTE OF TECHNOLOGY

Dighi Hills, Alandi Road, Pune 411015

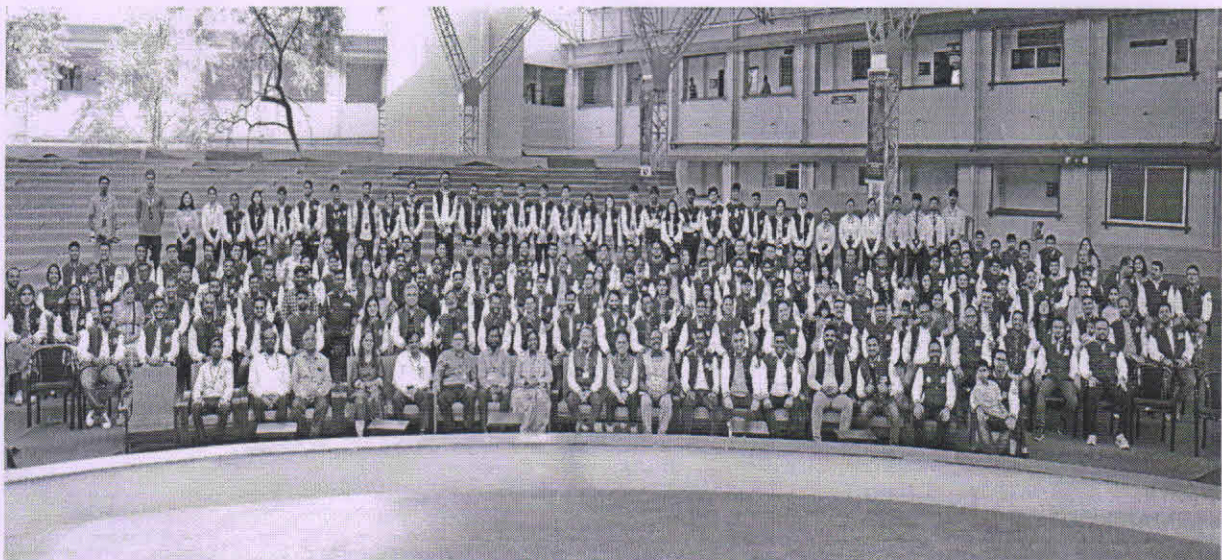


AGENDA OF ALUMNI MEET 2023

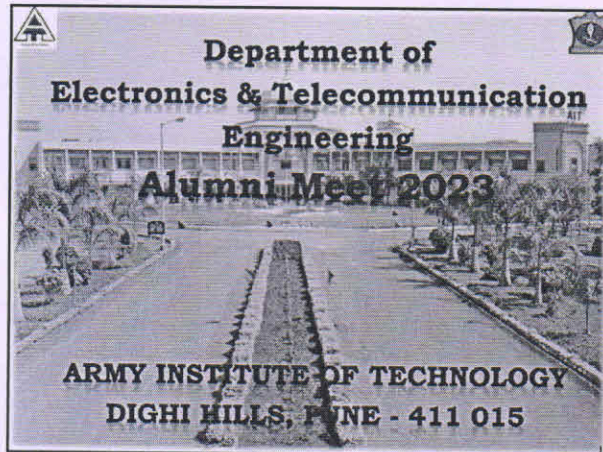
Time	Duration	Program
11:00 AM	10	Opening Remarks by Prof MS Khaladkar, TPO, Exec Secretary
11:10 AM	10	Opening Remarks by Amit Aggarwal, Secretary, Alumni Association
11:20 AM	25	Presentation by Departments
11:40 AM	20	Club Presentations
11:45 AM	5	Address by Dr. B P Patil, Principal
12:05 PM	10	Address by Brig Abhay A Bhat (Retd), Director, AIT
12:15 PM	5	Session by Mr Lakhvinder Singh, 2013 Mech alumnus on Yoga
12:20 PM	5	Vote of thanks
12:20 PM	40	Open Forum
01:00 PM to 01:30 PM	30	Cake cutting and photographs. Venue: Raman Theatre
01:30 PM to 02:30 PM	60	Lunch Venue: Badminton court
02:30 PM to 03:30 PM	60	Club stalls and student interaction
03:30 PM to 04:30 PM	60	Dept Visit
04:30 PM to 05:30 PM	60	Sports Activities
05:30 PM to 07:00 PM	90	Cultural Show Venue: Raman Theatre
07:00 PM to 09:00 PM	120	Dinner Venue: Gurnam Lake

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ALUMNI MEET
23rd DEC 2023



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Introduction

Year of Establishment 1994	Intake 1994-2010 : 60 2011-2017 : 120 2018-2019 : 60 2020-2021 : 120	Student Strength SEA :61 SEB: 60 TEA: 60 TEB:61 BE A:60 BE B:60 Total : 362
Infrastructure Classrooms: 04 Tutorial Rooms: 02 Laboratories: 10	Strengths Quality Intake Qualified Faculty Well maintained Lab Good Alumni Connect Support for all round development	Placement 2022-23 98% Avg Salary 12.40 Lakh
Faculty & Staff Teaching : 24 Technical : 14 Peons : 02	Weaknesses/ Areas of Improvement Modernization of Labs Industry Connect Consultancy/ R&D Funds	NBA Accreditation 2022-2025 Score: 744/1000

03-07-2024

PCB Making Setup

- **Objective:** To install PCB making and testing facilities for student projects and consultancy
- **Required Equipment and Software**
 - UV exposure machine
 - Developing and Etching Machine
 - Hot Air oven
 - CNC Drilling machine
 - Soldering & De-soldering station
 - Electroplating Machine
 - PCB Testing Equipment
 - Design Tools like Eagle, Ki-CAD, OrCAD, Proteus, Altium.
- **Approximate Cost : Rs. 20 Lakh**
- **Utilization**
 - Student Projects
 - Commercial PCB making (Consultancy)

03-01-2024

Nanomaterial Synthesis using Chemical Vapor Deposition (CVD)

Apparatus Required:

Sr. No.	Components Required	Qty	Budget
1.	Heating Zone with Temperature Controller	1	2,50,000/-
2.	Filled Cylinders(UHP Ar, Ar/H ₂ , C ₂ H ₂)	3	60,000/-
3.	Rotameter+ Mixer	3	20,000/-
4.	Quartz Tube	2	30,000/-
5.	Regulator	3	15,000/-
6.	Others- Connectors, pipes, cotton, foam, foil, clamps, Silicone Oil etc.		25,000/-
	Total		4,00,000/-

Fig 1: Thermal CVD

Fig 2: Schematic of Thermal CVD

Fig 3: Estimated cost of CVD equipment

Fig 4: SEM of (a) CNTs (b) Graphene using CVD

Note: 2-D Materials synthesis- CNTs, Graphene etc

APPLICATIONS:

- Industrial Waste Management
- Energy and Environment Applications
- Transparent and Flexible Devices

03-01-2024


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ARMY INSTITUTE OF TECHNOLOGY


DEPARTMENT OF COMPUTER ENGINEERING

Presentation
By
Prof.(Dr.) Sunil R. Dhore
Professor and Head of the Department,
Computer Engineering


AIT-COMPUTER ENGINEERING-FE Orientation

Background

- Since inception, departmental Academic results more than 90% and Placement more than 90%.
- Performing Well in other activities Like Internships, Hackthons, Scholarships etc....
- Even after Increase in intake to 120 from academic year 2016-17 we are maintaining well in UG.
- ME (Data Science) Course from 2023-24 (open For All Branches)
- Ward of Army personnel
- GATE examination with any engineering degree.
- Non-GATE candidates has to appear Internal Test



AIT-COMPUTER ENGINEERING-Alumni Meet



Curriculum For ME



Savitribal Phule Pune University, Pune
Master of Data Science (2020 Course)
(with effect from A.Y. 2020-21)

Semester I												
Course Code	Course	Teaching Scheme		Examination Scheme and Marks							Credit	
		Hours / Week		In-Sem	End-Sem	TW	OR PR	Total	TH	PR		
510301	Mathematical Foundations for Data Science	04	---	50	50	---	---	100	04	---		
510302	Basics of Data Science	04	---	50	50	---	---	100	04	---		
510303	Big Data Analytics	04	---	50	50	---	---	100	04	---		
510304	Research Methodology	04	---	50	50	---	---	100	04	---		
510305	Elective I	05	---	50	50	---	---	100	05	---		
510306	Laboratory Proficiency I	---	08	---	---	50	50	100	---	04		
Total		21	68	250	250	50	50	600	21	04		
Total Credit												
510407	Non-Credit Course I*								25			
Grade												
Elective I												
510305A	Data Storage Technologies and Networks			510305B	Information Systems Management							
510305C	Data Preparation and Analysis			510305D	Artificial Intelligence for Data Science							
510305E	Open Elective											

AIT-COMPUTER ENGINEERING-Alumni Meet

Bridge Course

- Python Programming with introduction to Data science Libraries (One week Program) from Industry
 - Data Preprocessing
 - Web Scrapping
 - Data Visualization
- Introduction to following tools for Bid Data Analytics (Two Week Program) from Industry
 - Hadoop Ecosystem with Pig, Hive, Scoop, Hbase, ZooKeeper, Map-Reduce, Apache Flume, oozie
 - PySparc
 - Tableau





AIT-COMPUTER ENGINEERING-Alumni Meet

Curriculum For ME

Semester II										
Course Code	Course	Teaching Scheme Hours / Week		Examination Scheme and Marks						Credit
		Theory	Practical	In-Sem	End-Sem	TW	OR/PR	Total	TH	
510308	Data Warehousing and Mining	04	--	50	50	--	--	100	04	--
510309	Machine Learning	04	--	50	50	--	--	100	04	--
510310	Soft Computing	04	--	50	50	--	--	100	04	--
510311	Elective II	03	--	50	50	--	--	100	03	--
510312	Mini Project with Seminar I	--	04	--	--	50	50	100	--	04
510313	Laboratory Proficiency II	--	08	--	--	50	50	100	--	04
Total		17	12	200	200	100	100	600	17	08
Total Credit									25	
510314	Non Credit Course II*									Grade
Elective II										
510311A	Distributed Databases	510311B	Recommendation Systems							
510311C	GPU Computing	510311D	Web Intelligence							
510311E	Open Elective									

AIT-COMPUTER ENGINEERING-Alumni Meet										
Curriculum For ME										
Savitribha Phule Pune University, Pune Master of Data Science (2020 Course) (with effect from A.Y. 2021-22)										
Semester III										
Course Code	Course	Teaching Scheme Hours / Week		Examination Scheme and Marks						Credit
		Theory	Practical	In-Sem	End-Sem	TW	OR	PRE	Total	
610301	Deep Learning	04	--	50	50	--	--	--	100	04
610302	Data Modeling and Visualization	04	--	50	50	--	--	--	100	04
610303	Elective III	05	--	50	50	--	--	--	100	05
610304	Seminar on Industry Internship I: In-house Research Project-I	--	04	--	--	50	50	--	100	02
610305	Disertation Stage I	--	08	--	--	50	50	--	100	04
Total		13	12	150	150	100	100	--	500	13
Total Credit										25
610305	Constitution of India									02
610306	Non Credit Course III*									Grade
610301A	Real Time Analytics	610301B	Elective III Business Analytics							
610301C	Computational Linguistics Analytics	610301D	Video Analytics							




AIT-COMPUTER ENGINEERING-Alumni Meet

Curriculum For ME

Semester IV

Course Code	Course	Teaching Scheme Hours / Week	Examination Scheme and Marks				Credit	
			Practical	TW	OR	PRE		Total
610302	Seminar on Industry Internship-II: In-house Research Project-II	05	50		50		100	05
610306	Disertation Stage II	20	150		50		200	20
Total		25	200		100		300	25



AIT-COMPUTER ENGINEERING-Alumni Meet										
Appeal to contribute										
<ul style="list-style-type: none"> • Business Case studies • Internships <ul style="list-style-type: none"> • In your firm or connect to other industries • We can create a fund also to build the ecosystem of Internship in college <ul style="list-style-type: none"> • To solve your problem definitions • Or sponsorship for the problem from students • Placement Support • Infrastructure requirement (Hardware and Software) for PG • Recommendation to Join the course to alumni or any other from your contacts. 										
We Are Eligible Now to start PhD Research Center in Computer Engineering, same ecosystem we can use for Research center also										

[Signature]
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Dept of Mechanical Engineering

12/23/2023

Alumni Meet 2023

Students Activities

- Activities: Hackathons, Paper presentation
- Excellent Projects with a good blend of different streams
- Internship:
 - Isha Rana: got selected as software engg intern at Microsoft (stipend: 1.25L)

12/23/2023

Alumni Meet 2023

Future Plans

- Automation & Robotics: New Program

12/23/2023


Alumni Meet 2023

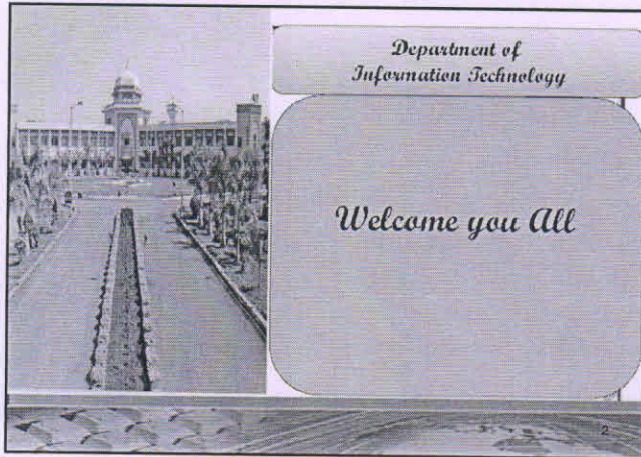
Appeal

- Guidance/mentoring : Internship, value added courses etc.
- Assistance in getting good internship & in getting live projects of industry
- Placement Assistance
- Suggestion on how to improve intake quality (JEE Score) of students
- Publicity of A & R program

12/23/2023

Alumni Meet 2023


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Department Achievements

1. NBA Accredited (03 years)
2. Increased in number of Ph.D. Qualified faculty members
3. Increased in Student Intake of Department (From Yr 2022-23)
4. Growth in Infrastructure
5. Consistent Excellent results and Placements
6. HPC and Ubiquitous lab set up in department.
7. Video conferencing facility.

Department Forth Coming Plan

1. Target to achieve 6 years NBA
2. Increasing Innovation and research related activities by tie up with IITs
3. Focus on Consultancy Projects culture
4. To boost activities related to Entrepreneurship and start up
5. Prove academic excellence by achieving good result and having more University Toppers.

Help need - Technical / Financial

1. Industry sponsored or Alumni sponsored Labs.
2. How Alumni can help us to get Research projects Mentoring/Consultancy
3. Alumni and faculty members can together do the research and publish papers.
4. Dept Alumni can sponsor prizes for UT/First topper at department level for SE, TE and BE students..
6. Alumni as Resource persons for workshops/guest lectures.

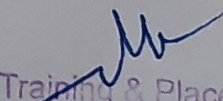
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LIST OF ALUMNI PARTICIPATED IN THE ALUMNI MEET 2023 (23 DEC 23)

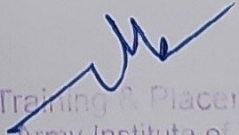
Sr No	Name	Year of Passing Out	Branch
1	Pranav Bairagi	1999	E&TC
2	Amit Aggarwal	2001	Mech
3	S Hariharan	2001	Mech
4	Shashikant Singh Tomar	2001	Mech
5	Rajat Mohan Sen	2002	Comp
6	Raveen Janu	2002	IT
7	Vijender Yadav	2003	Comp
8	Amit Singh Rathore	2004	E&TC
9	Prakash Shilde	2004	Mech
10	Nandu Singh	2005	IT
11	Satendra Kumar	2005	IT
12	Babita Kumari	2005	Mech
13	Avinash Verma	2006	Comp
14	Garima Sangwan	2006	Comp
15	Nishant Sah	2006	Comp
16	Deepak Rai	2006	Mech
17	Samal Luna Santosh Kumar	2006	Mech
18	Ajit Rai	2007	Comp
19	Rajeev Kumar Singh	2007	Comp
20	Vikas Singh	2007	Comp
21	Gyan Prakash	2007	E&TC
22	Karan Malhotra	2007	E&TC
23	Pramod Kumar	2007	E&TC
24	Amit Kimothi	2007	IT
25	Bheem Singh Yadav	2007	IT
26	Gurman	2007	IT
27	Jasbir Singh	2007	Mech
28	Satya Praksh	2007	Mech
29	Smriti Jaswal	2008	E&TC
30	Moinuddin Khan	2008	IT
31	Prabhat Kumar	2008	IT
32	Rupendra Kumar Pratihari	2008	IT
33	Abhay Singh	2009	Comp
34	Chandraveer Singh	2009	Comp

Sr No	Name	Year of Passing Out	Branch
35	Mohan Jha	2009	Comp
36	Nigam Kumar	2009	Comp
37	Amit Saraswat	2009	IT
38	Nishant Kumar	2009	IT
39	Rajendra Kumar Bhery	2009	IT
40	Ranu Chahar	2009	IT
41	Amit Sarkar	2009	Mech
42	Kaustubh Dharmadhikari	2009	Mech
43	Nitish Rai	2009	Mech
44	Rahul Gurung	2009	Mech
45	Ravi Kumar	2009	Mech
46	Ruchika Sharma	2009	Mech
47	C Deepak	2010	Comp
48	Ashu Singh	2010	E&TC
49	Aishwarya Praksah	2010	IT
50	Amit Kumar	2010	IT
51	Mithlesh Singh	2010	IT
52	Tushar Mathur	2010	IT
53	Vinay Rawat	2010	IT
54	Pankaj Singh	2010	Mech
55	Arjun Singh	2011	Comp
56	Raghvendra Verma	2011	E&TC
57	Rahul Khhirwar	2011	E&TC
58	Anurag Misra	2011	IT
59	Harshvardhan Singh	2011	IT
60	Jitendra Kumar	2011	IT
61	Nemi Chand	2011	IT
62	Prabhat Dwiwedi	2011	IT
63	Praveen	2011	IT
64	Prithvinath	2011	IT
65	Raju Kumar	2011	IT
66	Samast	2011	IT
67	Vnv Vinod	2011	IT
68	Rohit Pal	2011	Mech
69	Atul Kumar Mishra	2012	Comp
70	Parthraj	2012	E&TC

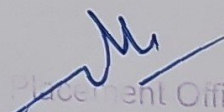
Sr No	Name	Year of Passing Out	Branch
71	Ashutosh Maurya	2013	Comp
72	Laxman Singh Kharayat	2013	Comp
73	Om Prakash Bind	2013	Comp
74	Sanjay Kumar Singh	2013	Comp
75	Debayudh Debnath	2013	E&TC
76	Kakoli	2013	E&TC
77	Kakoli Baroi	2013	E&TC
78	Abhishek Kumar	2013	IT
79	Abhishek Kumar	2013	IT
80	Ajay Kumar	2013	IT
81	Jyoti Bora	2013	IT
82	Manoj Kumar Bhainsora	2013	IT
83	Mohammad Aslam	2013	IT
84	Mohit Kumar	2013	IT
85	Prateek Chaudhari	2013	IT
86	Rajender Singh Bora	2013	IT
87	Lakhvinder Singh	2013	Mech
88	Nikhita Kumar	2013	Mech
89	Abhishek Mitra	2014	E&TC
90	Capt Aneesha Sood	2014	E&TC
91	Shubhra Banerjee	2014	E&TC
92	Naresh Rathore	2014	IT
93	V Krishna	2015	Comp
94	Ved Prakash	2015	Comp
95	Ankit Kumar Jha	2015	E&TC
96	Swarnlata Kumari	2015	E&TC
97	Meenakshi	2015	IT
98	Roshith A U Nair	2015	IT
99	Awanish	2016	Comp
100	Rohit Rajput	2016	Comp
101	Ershad Mulani	2017	Comp
102	Harish Yadav	2017	Comp
103	Balwan Singh	2017	IT
104	Mayank Agrawal	2017	Mech
105	Dhiraj Bhatt	2018	E&TC
106	Priyanka Rawat + 2	2018	E&TC


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Sr No	Name	Year of Passing Out	Branch
107	Anurag Katara	2018	Mech
108	Rishab Katoch	2018	Mech
109	Rishabh Katoch	2018	Mech
110	Shubham More	2018	Mech
111	Vijay Waman	2018	Mech
112	Pankaj Manik Gaikwad	2019	Mech
113	Shivam Mishra	2019	Mech
114	Tanuj Saini	2019	Mech
115	Kirtee Kushwaha	2020	Comp
116	Pradeep	2020	Comp
117	Pramod Mhalaskar	2020	Comp
118	Sufi Ali	2020	E&TC
119	Utkarsh Mishra	2020	E&TC
120	Ajay Singh	2020	IT
121	Ashwini Bhojane	2020	IT
122	Dilip Kumar	2020	IT
123	Avinov Ashish	2020	Mech
124	Ameet Kumar Rana	2021	Comp
125	Ashwani Sharma	2021	Comp
126	Karan Bajwa	2021	Comp
127	Menka Yadav	2021	Comp
128	Naresh Kumar	2021	Comp
129	Pooja Kudale	2021	Comp
130	Pratyush Rath	2021	Comp
131	Prince Roshan	2021	Comp
132	Rahul Kumar Yadav	2021	Comp
133	Rahul Malhan	2021	Comp
134	Sagar Vats	2021	Comp
135	Saurabh	2021	Comp
136	Suraj Adhikari	2021	Comp
137	Udit	2021	Comp
138	Amar Barik	2021	E&TC
139	Deven Mali	2021	E&TC
140	Nidhi Yadav	2021	E&TC
141	Raman Singh	2021	E&TC
142	Saumyakanta Khatua	2021	E&TC


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143	Saurabh	2021	E&TC
144	Deepak Kumar Chauhan	2021	IT
145	Abhishek Kumar	2021	Mech
146	Ankesh Singh Bhadouria	2021	Mech
147	Gaurav Singh	2021	Mech
148	Kavita Kumari	2021	Mech
149	Sachin Patil	2021	Mech
150	Arya Kushwah	2022	Comp
151	Mahima Yadav	2022	Comp
152	Naeem Shaik	2022	Comp
153	Pawan Dixit	2022	Comp
154	Shubham Raghav	2022	Comp
155	Snehal Rawat	2022	Comp
156	Vijender	2022	Comp
157	Anjali Kushwah	2022	E&TC
158	Abhilash Trivedi	2022	IT
159	Anand Pandey	2022	IT
160	Narendra Singh	2022	IT
161	Sankalp Shukla	2022	IT
162	Rahul	2022	Mech
163	Aanchal	2023	Comp
164	Aanchal Chambyal	2023	Comp
165	Aayush Kuhite	2023	Comp
166	Aman Thakur	2023	Comp
167	Anuj Sharma	2023	Comp
168	Arjun Dashrath	2023	Comp
169	Ashwin Gupta	2023	Comp
170	Chirag Kapil	2023	Comp
171	Navneet Das	2023	Comp
172	Priya	2023	Comp
173	Rahul Ghosh	2023	Comp
174	Swapnil Sinha	2023	Comp
175	Vamsi Krishna	2023	Comp
176	Vash Dalal	2023	Comp
177	Aarya Jha	2023	E&TC
178	Abhishek Kumar Singh	2023	E&TC


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Sr No	Name	Year of Passing Out	Branch
179	Ved Prakash Mani Shukla	2023	E&TC
180	Gaurav Yadav	2023	IT
181	Jatin Kumar	2023	IT
182	Laxman Singh	2023	IT
183	Pranav Surendran	2023	IT
184	Shambhavi Chaudhary	2023	IT
185	Shashank Singh	2023	IT
186	Sumit Dahiya	2023	IT
187	Akash Lawand	2023	Mech
188	Arindam Dey	2023	Mech
189	Nishant Rana	2023	Mech
190	Saheel	2023	Mech
191	Vedangi Pathak	2023	Mech



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