

History of the Department

- **Established in the year 1923.**
- **The first ever undergraduate and doctoral degrees in Metallurgy in the country were awarded by this Department in the years 1927 and 1955 respectively.**
- **This is also one of the first two Departments in the country to confer a postgraduate degree (M. Tech) in Metallurgy in the year 1959.**

The Department celebrated its

- **Golden Jubilee in the year 1973 (50 years)**
- **Diamond Jubilee in 1983 (60 years)**
- **Platinum Jubilee in the year 1998 (75 years)**
- **Centenary Year in 2023 (100 Years)**

About the Department

- The undergraduate programme was set on a firm foundation by the first Head of the Department, Professor N. P. Gandhi (1923-37).
- The postgraduate programme was nurtured by the second Head of the Department, Professor Daya Swarup (1937-62).
- Professor T. R. Anantharaman (1962 -77), the third Head of the Department, established a fine research school of metallurgy, firmly rooted in exemplary traditions and ensured all-round growth & high-profile image of the Department.
- Illustrious successive Heads (20) of the Department have continued to do their utmost to enhance the levels of excellence.

Significant Recognitions

S. No.	Facility	Year	Funding Agency
1	Centre of Advanced Study (CAS) First Engg. Dept. in India	1980	UGC
2.	QIP Centre	1981	MHRD
3.	National Electron Microscopy Facility (NELMIF)	1982	DST
4.	Malaviya Chair for Railway Technology (MCRT)	2015	Min. of Railways, Govt. of India
5.	Advanced Research Centre for Iron & Steel (ARCIS)	2016	Min. of Steel, Govt. of India
6.	DST – FIST, Levels – I & II	2001, 2004, 2019	DST

Graduates (up to 2025)

- B. Tech. graduates: 3021
- Postgraduates (M. Tech. & IDD) : 818
- Ph.D. graduates: 236

Intake: present session 2025-26

- B. Tech. : 110
- M. Tech. : 44
- Ph. D. : 04 per faculty

Faculty to Student Ratio

		2022-23	2023-24	2024-25
Total No. of Faculty		23	24	25
Total No. of Students	B. Tech.	335	332	319
	IDD	117	126	127
	M. Tech.	17	20	31
	Int. M.Sc.	--	--	--
	Ph.D.	37	39	43
	Total	506	517	520
Faculty Student Ratio		1:22	1:21	1:21

Placement

Placement Record	2022-23	2023-24	2024-25
Number of Students Registered for Placement	96	105	108
Number of Students Placed	79	85	87
Percentage of Placement	82.29%	80.95%	80.55%
Average Annual Salary per Placed Student	15.87 LPA	12.60 LPA	14.65 LPA
Approximate percentage of students opting for Higher studies	3.82	6.98	Yet to receive data
Approximate percentage of students opting for the core-sector	9.25	14.3	20.89

Infrastructure

Sr. No.	Particulars	Number
1.	No. of Lecture Theatres	03
2.	No. of Lecture Halls	04
3.	No. of Divisions	08 +1 workshop
4.	Departmental Library	01
5.	Conference Hall	01
6.	Computer Lab	01

Editorships of Journals

S. No.	Name of Faculty Member	Position (Editor/ member)	Name of Journal
1.	Prof. R.K. Mandal	Member	CMC-Transtech.
2.	Prof. N.K. Mukhopadhyay	Editor	Journal of Institution of Engineers, Metallurgical and Materials: Series D: (Springer)
		Guest Editor	Special Issue of Journal of Alloys and Compounds (Elsevier).
		Associate Editor	Journal of Alloys and Metallurgical Systems (JALMES)(Elsevier) (2023).
		Executing Guest Editor	Special Volume on High Entropy Alloys (2024)
		Guest Editor	Bulletin of Materials Science, (Published by Indian Academy of Science) (as a guest Editor) for a special volume on Materials Conclave of MRSI of Annual Meeting 2023, BHU Varanasi.
		Guest Editor	Special volume, Journal of Materials Science (Springer) (2023).
		Editor	Transaction of the Indian Institute of Metals
		Editor	Journal of The Institution of Engineers (India): Series D.
		Editor	Journal of Alloys and Compounds
3.	Prof. Sunil Mohan	Member	International Journal of Metals
4.	Prof. Vikas Jindal	Member	Scientific Reports
5.	Dr. Surya Deo Yadav	Editorial Member	Scientific Reports
6.	Dr. Subhasis Sinha	Member	Scientific Reports
7.	Dr. Sudipta Patra	Member	Scientific Reports
8.	Dr. Praveen Sathiyamoorthi	Editorial Committee Member	Metals and Materials International, Springer; Scientific Reports

Awards/Scholarships funded by Alumni

- **Shri Aditya Kumar Awasthi Endowment Award Rs. 1.0 lakh:** For securing First position at the B. Tech. in Metallurgical Engineering Examination.
- **Ms. Indira Ananthachari Endowment Fund Prize Rs. 10,000/-:** Awarded to three B.Tech (Metallurgical Engg. & Tech.), whose parental income is less than Rs. 5 lakh per annum & CPI is more than 7.50.
- **Vinod Ghai Endowment Scholarship:** One scholarship (Rs. 30,000/- p.a.) to be awarded to a third year student of B.Tech (Metallurgical Engg. & Tech.), whose parental income is less than Rs. 7 lakh per annum.
- **The Bishan Das Basil Medal:** For securing First position among B.Tech. in Mining and Metallurgical Engineering Examination.
- **Swarnamma Memorial Gold Medal:** For securing highest marks in B.Tech. 4-Year Metallurgical Engineering Examination.

Alumni Engagement

- Shri Ramesh Srinivasan (1984 batch) made a generous contribution to the institute for the establishment of “Ramesh Srinivasan Student Activities Centre”.
- A generous donation by our distinguished alumnus Shri Vinod Ghai (1967 Batch) helped us to establish “Vinod Ghai Centenary Centre for E-Waste Management and Recycling” in the year 2023.
- Shri. Sunder S. Rajan (1967 batch) donated money to establish “Ms. Indira Ananthachari Endowment Fund”.
- Additionally, NPGMM Trust and TRAERF are two funds created by our alumni through which numerous activities and functions have become possible with their active support.
- Recently, a donation has been made by Dr. Hiralal Fotedar (1966 batch) to establish “Dr. Hiralal and Patricia Fotedar Endowed Chair in Metallurgy, Materials Science and Engineering”.