

LIST OF DEPARTMENTS AND THEIR PROGRAMS

IIT (ISM), DHANBAD

Department	Undergraduate Program	Postgraduate Program	Research Program
Applied Geology	5-Year Integrated M.Tech (Applied Geology)	3-Year M.Sc.Tech (Applied Geology) 2-Year M.Tech (Engineering Geology) 2-Year M.Tech (Geo-Exploration) 2-Year M.Tech (Mineral Exploration) 2-Year M.tech (Petroleum Exploration)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Applied Geophysics	5-Year Integrated M.Tech (Applied Geophysics)	3-Year M.Sc.Tech (Applied Geophysics) 2-Year M.Tech (Earthquake Science & Engineering)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Chemical Engineering	4-Year B.Tech (Chemical Engineering)	2-Year M.Tech (Chemical Engineering)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Chemistry		2-Year M.Sc. (Chemistry) 2-Year M.Tech (Pharmaceutical Science and Engineering)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Civil Engineering	4-Year B.Tech (Civil Engineering)	2-Year M.Tech (Geotechnical Engineering) 2-Year M.Tech (Structural Engineering)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Computer Science and Engineering	4-Year B.Tech (Computer Science and Engineering) *5-Year Dual Degree (Computer Science and Engineering)	2-Year M.Tech (Computer Science & Engineering) 2-Year M.Tech (Computer Science & Engineering with Spl in Information Security)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Electrical Engineering	4-Year B.Tech (Electrical Engineering)	2-Year M.Tech (Power Electronics & Electrical Drives) 2-Year M.Tech (Power System Engineering) *3-Year M.Tech (Power Electronics & Electrical Drives) *3-Year M.Tech (Power System Engineering)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Electronics Engineering	4-Year B.Tech (Electronics & Communication Engineering) *4-Year B.Tech (Electronics & Instrumentation Engineering)	2-Year M.Tech (Communication & Signal Processing) 2-Year M.Tech (Optoelectronics & Optical Communication Engineering) 2-Year M.Tech (RF and Microwave Engineering) 2-Year M.Tech (VLSI Design)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Environmental Science & Engineering	4-Year B.Tech (Environmental Engineering)	2-Year M.Tech (Environmental Science & Engineering)	Ph.D (Environmental Science & Engineering) Ph.D (Environmental Science) Post-Doctoral Fellowships (PDFs)
Fuel, Minerals and Metallurgical Engineering	4-Year B.Tech (Mineral Engineering)	2-Year M.Tech (Fuel Engineering) 2-Year M.Tech (Mineral Engineering)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Humanities & Social Sciences			Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Management Studies		2-Year MBA *3-Year MBA 2-Year MBA in Business Analytics 2-Year M.Tech (Industrial Engineering and Management)	Ph.D (Industrial Engineering and Management) Ph.D (Management) Post-Doctoral Fellowships (PDFs)
Mathematics and Computing	5-Year Integrated M.Tech (Mathematics and Computing)	2-Year M.Sc. (Mathematics and Computing) 2-Year M.Tech (Data Analytics)	Ph.D (Mathematics) Ph.D (Statistics) Post-Doctoral Fellowships (PDFs)
Mechanical Engineering	4-Year B.Tech (Mechanical Engineering)	2-Year M.Tech (Mechanical Engineering with Spl in Maintenance Engineering and Tribology) 2-Year M.Tech (Mechanical Engineering with Spl in Manufacturing Engineering) 2-Year M.Tech (Mechanical Engineering with Spl in Machine Design) 2-Year M.Tech (Mechanical Engineering with Spl in Thermal Engineering)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Mining Engineering	4-Year B.Tech (Mining Engineering)	2-Year M.Tech (Geomatics) 2-Year M.Tech (Mining Engineering) 2-Year M.Tech (Opencast Mining) 2-Year M.Tech (Tunnelling and Underground Space Technology)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)

Mining Machinery Engineering	4-Year B.Tech (Mining Machinery Engineering)	2-Year M.Tech (Mining Machinery Engineering)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Petroleum Engineering	4-Year B.Tech (Petroleum Engineering) *4-Year B.E (Petroleum Engineering)	2-Year M.Tech (Petroleum Engineering)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)
Physics	4-Year B.Tech (Engineering Physics)	2-Year M.Sc. (Physics)	Doctor of Philosophy (Ph.D) Post-Doctoral Fellowships (PDFs)

*- Admission to this program is stopped.