Courses Offered at Various IITs in Academic Year 2024-25

SI No	Programme Name	BHU	ISM	Bh	BBS	В	D			Goa		Н	I	JM	J	K	KGP	М	Mandi	PKD	Р	R	Rpr	Т
						В	ache	elor d	of Te	chnol	ogy (4 Ye	ars)											
1	Aerospace Engineering					\										✓	>	V						
2	Agricultural and Food Engineering																>							
3	Artificial Intelligence								>			\					>							
4	Artificial Intelligence and Data Analytics																	✓						
5	Artificial Intelligence and Data Engineering																						√	
6	Artificial Intelligence and Data Science														>						✓			
7	B.Tech in General Engineering																		√					
8	B.Tech in Materials Science and Engineering																		√					
9	B.Tech in Mathematics and Computing																		√					
	B.Tech in Microelectronics & VLSI																		V					
	Bio Engineering														✓				√					
12	Biological Engineering																	✓					↓	<u> </u>
	Biological Sciences and Bioengineering															√								
14	Biomedical Engineering											√												
15	Biosciences and Bioengineering										√											√		
16	Biotechnology and Biochemical Engineering						✓										√							
	Biotechnology and Bioinformatics											√												
18	Ceramic Engineering	√																						

19	Chemical and Biochemical Engineering							✓																
	Chemical Engineering	√	>			\	/		✓		V	✓	>	>	✓	\	>	✓			V	>	V	V
21	Chemical Science and Technology										√										√			
22	Civil and Infrastructure Engineering							√							√									
23	Civil Engineering	✓	✓		✓	✓	V		✓		√	✓	✓	>		✓	>	✓	√	✓	✓	✓	√	\
24	Computational Engineering											√												
25	Computer Science and Engineering	V	V	✓	✓	V	√	√	√	√	V	√	✓	√	√	V	√	√	V	√	V	√	V	✓
26	Data Science and Artificial Intelligence			✓							V											√		
27	Data Science and Engineering																		V	✓				
28	Electrical and Electronics Engineering							√													V			
29	Electrical Engineering	√	✓	✓	√	✓	√		✓	√		√	✓	√	✓	√	✓	✓	V	✓		✓	✓	✓
30	Electrical Engineering (IC Design and Technology)											√												
31	Electrical Engineering (Power and Automation)						✓																	
32	Electronics and Communication Engineering		√	√	√			√			V										V	√		
33	Electronics and Electrical Communication Engineering																V							
	Electronics and Electrical Engineering										√													
	Electronics Engineering	V																						
36	Energy Engineering					✓	V				V											\checkmark		

	Facility																						T	T
37	Engineering and Computational Mechanics						√																	
	Engineering Physics		>		√	V	V	√			√	V	√					V	√		V	>	V	✓
	Engineering Science											√												
	Environmental Engineering		>																					
	Environmental Science and Engineering					V																		
42	Industrial and Systems Engineering																V							
43	Industrial Chemistry											√											—	_
44	Industrial Engineering and Operations Research					√																		
45	Instrumentation Engineering																>							
46	Integrated Circuit Design & Technology								√															
47	Manufacturing Science and Engineering																>							
48	Materials Engineering						√		✓					✓	✓								<u> </u>	
49	Materials Science and Engineering															√								
50	Materials Science and Metallurgical Engineering			√								√												
51	Mathematics and Computing		>				✓	√		√	√	√	✓	✓							✓		√	
52	Mechanical Engineering	>	✓	√	\	✓	√	✓	\	✓	>	\	✓	\	✓	✓	>	✓	√	✓	✓	>	✓	V
53	Mechatronics Engineering			✓																				
	Metallurgical and Materials Engineering				V												√	V			✓	>	V	
55	Metallurgical Engineering	>					L		L			L			L									
	Metallurgical Engineering and Materials Science					✓							✓									_		

57	Mineral and Metallurgical Engineering		√																		
58	Mining Engineering	√(AR)	√ (AR)												√ (AR)						
59	Mining Machinery Engineering		√ (AR)																		
60	Naval Architecture and Ocean Engineering															V					
	Ocean Engineering and Naval Architecture														✓						
62	Petroleum Engineering		√																		
63	Engineering & Technology	√																			
64	Production and Industrial Engineering				√														√		
	Space Sciences and Engineering										√										
66	Textile Technology				✓																
					Bac	helor	of S	ciend	ce (4	Year	s)	1	T	1		r		T		T	
	Applied Geology														√ (AR)						
68	Biological Science															V					
69	BS in Chemical Sciences																√				
70	BS in Mathematics			V																	
71	Chemistry			√										√	V						
72	Chemistry with Specialization												√								
	Earth Sciences													✓							
	Economics			✓										✓	V			✓			
75	Exploration Geophysics														√ (AR)						igsqcut
76	Mathematics and Computing														√						
77	Mathematics and Scientific Computing													√							
78	Physics													√	√						

79	Physics with Specialization													√							
80	Statistics and Data Science														√						
		_		В.	Tech.	+ M.	Tech	ı./MS	(Dua	al Deg	jree)	(5 Y	ears)								
81	B. Tech in CE M. Tech. in Geotechnical Engineering																	√			
82	B. Tech in CE M. Tech. in Structural Engineering																	√			
83	B. Tech. (CSE) and M.Tech in CSE																	√			
84	B. Tech. (ECE) -M. Tech. in VLSI																	√			
85	B. Tech. (EEE)-M. Tech. in (Power &. Control)																	√			
86	B. Tech. (Mathematics & Computing) M. Tech. in (Mathematics & Computing)																	>			
87	B. Tech. (ME) - M. Tech. in Mechatronics																	✓			
		ı	Bac	helor	and	Maste	r of	Tech	nnolo	gy (D	ual D	egre	e) (5	Year	s)		1	1	1	l I	
88	Aerospace Engineering															✓					<u> </u>
89	B.Tech. in Electronics and Communication Engineering and M.Tech. in Communication Systems																	y			
90	Biochemical Engineering with M.Tech. in Biochemical Engineering and Biotechnology	√																			

Bioengineering with M.Tech in Biomedical 91 Technology 92 Ceramic Engineering 93 Chemical Engineering 94 Civil Engineering Computer Science and	
92 Ceramic Engineering 93 Chemical Engineering 94 Civil Engineering Computer Science and	
93 Chemical Engineering 94 Civil Engineering Computer Science and	
94 Civil Engineering Computer Science and	
Computer Science and	
95 Engineering	
96 Electrical Engineering	
Electrical Engineering with M.Tech. in Power 97 Electronics	
98 Engineering Design	
99 Engineering Physics V	
100 Industrial Chemistry	
Materials Science and 101 Technology	
Mathematics and Computing	
103 Mechanical Engineering	
104 Metallurgical Engineering ✓	
105 Mining Engineering ✓(AR)	
Pharmaceutical Engineering & 106 Technology	
Bachelor of Architecture (5 Years)	
107 Architecture	.)
Bachelor of Science and Master of Science (Dual Degree) (5 Years)	
108 Chemical Sciences ✓	
109 Economics	
110 Interdisciplinary Sciences	

			В	achel	or of	Scie	ence	and	MBA	(Dual	Deg	ree)	(5 Ye	ars)						
113	BS in Economics with MBA (IIM Bodh Gaya)														\			√		
114	B.Tech (Artificial Intelligence and Data Science) - MBA in Digital Business Management (IIM Bodh Gaya)		Вас	cheloi	r OT I	ecnr	10100	y an	O MB	A (Du	ai De	gree	·) (5 Y	ears)			√		
115	B.Tech (Chemical Engineering) - MBA in Hospital and Health Care Management (IIM Bodh Gaya)																	>		
116	B.Tech (Chemical Science and Technology) - MBA in Hospital and Health Care Management (IIM Bodh Gaya)																	√		
117	B.Tech (Civil Engineering) - MBA (IIM Bodh Gaya)																	>		
	Science and Engineering) - MBA in Digital Business Management (IIM Bodh Gaya)																	✓		
119	B.Tech (Electrical and Electronics Engineering) - MBA (IIM Bodh Gaya)																	>		

120	B.Tech (Electronics and Communication Engineering) - MBA in Hospital and Healthcare Management (IIM Bodh Gaya)															✓		
	B.Tech (Engineering Physics) - MBA (IIM Bodh Gaya)															√		
	B.Tech (Mathematics and Computing) - MBA in Digital Business Management (IIM Bodh Gaya)															√		
	B.Tech (Mechanical Engineering) - MBA (IIM Mumbai)															✓		
	B.Tech (Metallurgical and Materials Engineering) - MBA (IIM Bodh Gaya)															✓		
				I	ntegr	ated N	laster	of Tec	hnolo	gy (5	Yea	rs)						
	Applied Geology	√ (A																
	Applied Geophysics	√ (A	R)															\square
127	Geological Technology			+													<u> </u>	\vdash
128	Geophysical Technology																√	

Note: 1) AR: These courses have additional requirements

2) At IITKgp, B.Tech./B.S. degrees are B.Tech.(Hons)/B.S.(Hons)

Code	IIT Names
BHU	IIT (BHU) Varanasi
ISM	IIT (ISM) Dhanbad
Bh	IIT Bhilai
BBS	IIT Bhubaneswar
В	IIT Bombay
D	IIT Delhi
Dh	IIT Dharwad
GN	IIT Gandhinagar
Goa	IIT Goa
G	IIT Guwahati
Н	IIT Hyderabad
I	IIT Indore
JM	IIT Jammu
J	IIT Jodhpur
K	IIT Kanpur
KGP	IIT Kharagpur
М	IIT Madras
Mandi	IIT Mandi
PKD	IIT Palakkad
Р	IIT Patna
R	IIT Roorkee
Rpr	IIT Ropar
Т	IIT Tirupati