

ADMISSION

Undergraduate

Admissions for all the B. Tech. and BS (4 -year) programmes at IIT Kanpur for the academic session 2017-2018 were made by the Joint Admission Committee for all IITs and IT-BHU.

The Joint Entrance Examination (JEE Advance)-2017 was held on May 21, 2017. The following offers of admission were made from IIT Kanpur:

Department/ Disciplines Programmes	Total Number of Candidates-Direct Admission								
	JEE-2017					Preparatory Course-2017			Total
	Gen	SC	ST	OBC	PH	SC	ST	PH	
B.Tech.									
Aerospace Engg.	24	07	04	14	02	-	-	-	51
BSBE	18	06	02	11	0	-	-	01	38
Chemical Engg.	36	11	06	20	02	-	-	-	75
Civil Engg.	52	16	08	27	02	-	-	-	105
Computer Sc. & Engg.	42	13	06	22	02	-	-	-	85
Electrical Engg.	65	19	10	34	02	-	-	-	130
Mechanical Engg.	50	15	06	27	0	-	-	01	99
Material Science & Engg.	28	09	04	15	03	-	-	-	59
B.S. Programme (4 year)									
Chemistry	17	05	03	09	01	-	01	-	36
Earth Sciences	15	04	04	07	01	-	-	-	31
Economics Sciences	18	06	03	10	01	-	-	-	38
Mathematics & Scientific Computing	25	07	04	13	01	-	-	-	50
Physics	14	05	02	07	01	-	-	-	29
Total	404	123	62	216	18	-	01	02	826

Two-Year M.Sc. Programme

Admissions to the 2-year M.Sc. and M.Sc.-Ph.D. (Dual Degree) programmes were made on the basis of JAM performance. Admission statistics for the M.Sc. (2 year) and M.Sc.-Ph.D. (Dual Degree) Physics programmes during 2017-2018 are as under:

S. No.	Department/Group	Numbers of Admission Offered	Actual Number of Students Joined
M.Sc. (2-year)			
1	Chemistry	40	39
2	Mathematics	40	37
3	Physics	30	28
4	Statistics	50	42
Total		160	146
M.Sc. – Ph. D. (Dual Degree)			
1	Physics	15	15
Total		175	161

Post Graduate

The number of students admitted to the Postgraduate Programme in the First and Second Semesters 2017-2018 is given below:

ENGINEERING

Department / Group	First Semester			Second Semester		
	M.Tech.	Ph.D.	Total	M.Tech.	Ph.D.	Total
Aerospace Engg.	35	13	48	-	10	10
BSBE	05	13	18	-	-	-
Chemical Engg.	21	06	27	-	02	02
Civil Engg.	65	16	81	-	06	06
Computer Sc. & Engg.	56	10	66	-	01	01
Design (M.Des.)	15	04	19	-	-	-
Earth Sciences	12	00	12	-	-	-
Electrical Engg.	75	28	103	22	16	38
Mechanical Engg.	59	16	75	09	07	16
Materials Science & Engg.	23	17	40	01	06	07
IME	22	05	27	-	05	05
Photonics Science & Engg.	09	02	11	-	01	01
Material Science	15	04	19	-	01	01
NET	00	01	01	-	-	-
EEM	00	00	00	-	-	-
MBA	54	00	54	-	-	-
VLFM (IME)	40	00	40	-	-	-
Total	506	135	641	32	55	87

SCIENCES

Department / Group	First Semester	Second Semester
	Ph.D.	Ph.D.
Chemistry	25	07
Cognitive Science	05	-
Economic Sciences	03	-
Mathematics	04	04
Physics	14	04
M.Sc.-Ph.D. Dual Degree in Physics	11	02
H.S.S.	10	07
Earth Sciences	05	03
Total	77	27
Grand Total	212	82

MS (RESEARCH)

Department / Group	First Semester	Second Semester
Aerospace Engg.	-	06
Chemical Engg.	-	-
Civil Engg.	02	-
Computer Science and Engg.	04	05
Electrical Engg.	03	08
Mechanical Engg.	-	-

Photonics Sc. & Engg.	-	-
Total	09	19

The total department/programme wise strength of the Post Graduate students during the year 2017-2018 is given below:

ENGINEERING

Department / Group	First Semester			Second Semester		
	M.Tech.	Ph.D.	Total	M.Tech.	Ph.D.	Total
Aerospace Engg.	90	93	183	87	96	183
BSBE	18	73	91	14	93	107
Chemical Engg.	36	79	115	33	77	110
Civil Engg.	120	105	225	111	103	214
Computer Sc. & Engg.	112	56	168	105	53	158
Design (M.Des.)	32	28	60	31	28	59
Earth Sciences	23	00	23	19	00	19
Electrical Engg.	158	225	383	165	221	386
Mechanical Engg.	112	180	292	98	180	278
Materials Science & Engg.	49	95	144	47	94	141
IME	39	44	83	39	46	85
Photonics Science & Engg.	14	13	27	13	12	25
Material Science	25	31	56	20	31	51
NET	01	19	20	00	17	17
EEM	01	00	01	00	00	00
MBA	92	00	92	91	00	91
VLFM (IME)	40	00	40	00	00	00
Total	962	1041	2003	873	1051	1924

SCIENCES

Department / Group	First Semester	Second Semester
	Ph.D.	Ph.D.
Chemistry	229	216
Cognitive Science	05	05
Economic Sciences	20	19
Mathematics & Statistics	53	54
Physics	88	84
M.Sc.-Ph.D. Dual Degree in Physics	54	56
HSS	69	77
Earth Sciences	32	33
Total	550	544
Grand Total	1591	1595

MS (RESEARCH)

Department / Group	First Semester	Second Semester
Aerospace Engg.	-	06
Chemical Engg.	05	04
Civil Engg.	13	11
Computer Science and Engg.	09	12

Electrical Engg.	38	44
Mechanical Engg.	31	27
Photonics Sc. & Engg.	03	02
Total	99	106

Strength of Undergraduate and Postgraduate Students during 2017 – 18 – I:

Department/ Group	BT/BS/ MS-5	Dual Degree	M.Sc .-2 Yr	M.Sc.- Ph.D. (M.Sc.- Part)	M.Tech./ MBA/D ES/ VLFM	MSR	Ph.D.	M.Sc.- Ph.D. (Ph.D.- Part)	Total (UG + PG)
Aerospace	221	17	-	-	90	-	93	-	421
BSBE	140	05	-	-	18	-	73	-	236
Chemical	316	18	-	-	36	05	79	-	454
Chemistry	101	03	80	-	-	-	229	-	413
Civil	444	23	-	-	120	13	105	-	705
Cognitive Science	-	-	-	-	-	-	05	-	05
CSE	395	04	-	-	112	09	56	-	576
Economics Sciences	163	32	-	-	-	-	20	-	215
Design (M.Des.)	-	01	-	-	32	-	28	-	61
EE	556	21	-	-	158	38	225	-	998
HSS	-	-	-	-	-	-	69	-	69
Math & Sc. Comp	209	21	-	-	-	-	-	-	230
Math	-	-	75	-	-	-	53	-	128
Stat	-	-	88	-	-	-	-	-	88
ME	422	23	-	-	112	31	180	-	768
MSE	279	16	-	-	49	-	95	-	439
ESM	-	-	-	-	-	-	-	-	00
Physics	116	05	60	29	-	-	88	54	352
IME	-	02	-	-	39	-	44	-	85
PSE	-	-	-	-	14	03	13	-	30
MSP	-	-	-	-	25	-	31	-	56
NET	-	-	-	-	01	-	19	-	20
EEM	-	-	-	-	01	-	-	-	01
DIIT(EE)	-	-	-	-	00	-	-	-	00
MBA (IME)	-	01	-	-	92	-	-	-	93
VLFM(IME)	-	-	-	-	40	-	-	-	40
ES	50	-	-	-	23	-	32	-	105
Total	3412	192	303	29	962	99	1537	54	6588

GRADUATION

During the year 2017-2018, 1576 students were awarded the degree of B.Tech., BS, M.Sc.-2 Yr, M.Sc.-5 Yr, Dual Degree, MBA, VLFM, M.Tech., M.Des, MSR and Ph.D. in the 51st Convocation as detailed below:

B.Tech-505
BS-64
Double Major -11
M.Sc. (2 yr. & 5 yr.) -148
M.Sc.-Ph.D. (Dual) -13
B.Tech. - M.Tech. (Dual) -149
BS – MS (Dual) -56
B.Tech. - MS (Dual) – 9

B.Tech. - MBA (Dual) - 1
 BS – M.Tech. (Dual) - 1
 B.Tech. – M.Des (Dual) - 1
 MBA-39
 M.Tech.-307
 VLFM-40
 M.Des.-21
 MSR-25
 Ph.D.-186

Total: 1576

COURSES OFFERED

The following table gives a picture of the number of courses offered during 2017-2018 at the undergraduate as well as postgraduate level:

UNDERGRADUATE LEVEL

Core Curriculum / Department Courses	First Sem.	Second Sem.	Summer	Total
Core Courses run by various departments	30	27	09	68
Aerospace Engineering	13	12	1	26
B. S. B. E.	10	08	0	18
Chemical Engineering	10	09	3	22
Civil Engineering	19	13	4	36
Computer Science & Engineering	13	11	1	25
Design	-	-	-	0
Electrical Engineering	09	11	3	23
Mechanical Engineering	13	11	1	25
Materials Science and Engineering	11	09	-	20
Chemistry	17	15	2	34
Mathematics	28	16	3	47
Physics	32	23	2	57
Humanities & Social Sciences	39	38	15	92
Industrial & Management Engineering				
Nuclear Engineering & Technology				
Materials Science Program	-	-	-	
Laser Technology Program	-	-	-	
ES	-	-	-	
CPA				

POST GRADUATE LEVEL

Core Curriculum / Department Courses	First Sem.	Second Sem.	Total
Aerospace Engineering	15	19	34
Chemical Engineering	10	12	22
Civil Engineering	24	34	58
Computer Science & Engineering	15	18	33
Design (M.Des.)	4	4	8
Electrical Engineering	34	33	67
Environmental Engg. & Management	0	0	0

Mechanical Engineering	24	31	55
Materials Science & Engineering	15	14	29
Chemistry	15	11	26
Mathematics / Statistics	15	18	33
Physics	12	10	22
Humanities & Social Sciences	30	24	54
Industrial & Management Engineering	07	11	18
Materials Science Program	3	3	6
Nuclear Engineering & Technology	3	5	8
Photonics Science & Engineering	3	3	6
Biological Science & Bio Engg.	7	9	16
MBA (IME)	22	19	41
VLFM (IME)	6	-	6
Earth Sciences	6	8	14

UNDERGRADUATE

The following statement shows promotion and detention of B. Tech., BS, M.Sc.(Integrated) and Dual Degree, students in the academic year 2017-18 (upto July, 2017)

Sl. No.	Contents	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Total
1	Students strength at the beginning of the session	826	822	821	783	128	3380
2	Students strength at the beginning of the 2 nd semester	825	792	811	553	177	3158
3	Students joined in 2 nd semester on migration	-	-	-	-	147	147
4	Number of students withdrawn or on leave on medical ground in 1 st and 2 nd semesters	5	16	16	3	1	41
5	Number of students graduated	-	-	-	455	217	672
6	Number of students dismissed due to poor performance in 1 st and 2 nd semester	2	13	7	9	6	37

UNDERGRADUATE

The following statement shows promotion and detention of M.Sc.(2-year) and M.Sc.(Dual Degree) students in the academic year 2017-18 (upto July, 2018)

S. No.	Contents	1 st Year	2 nd Year	Total
1	Students strength at the beginning of the session	161	153	314
2	Students strength at the beginning of the 2 nd Sem.	156	153	309
3	Number of students dismissed in 1 st semester	1	--	1
	Number of students dismissed in 2 nd semester	7	2	9

4	Number of students graduated in 1 st semester	-	-	-
	Number of students graduated in 2 nd semester	-	160	160
5	Number of students dismissed in due to continued absence from the programme	-	-	-

Following is the department-wise break-up of students who were awarded the degree at LI (51st) Convocation held on 28th June, 2018:

GRADUATION DATA - 51st CONVOCATION - 2018																					
Dept	UNDER-GRADUATE PROGRAMES				POST-GRADUATE PROGRAMES																
	B.Tech.	BS	Double Major	TOTAL	BT-MT (Dual Degree)	BS-MS (Dual Degree)	BS-MT (Dual Degree)	BT-MS (Dual Degree)	BT-MDES (Dual Degree)	BT-MBA (Dual Degree)	M.Sc. (5YR)	M.Sc. (2YR)	MS-PD# (Dual Degree)	VLFM	MBA	MS (R)	M.Des	M.Tech	Ph.D.	TOTAL	GRAND (UG+PG)
Aero engg.	25	-	1	26	14	-	-	-	-	-	-	-	-	-	-	-	-	39	11	64	90
BSBE	29	-	-	29	4	-	-	1	-	-	-	-	-	-	-	-	-	7	9	21	50
Chem. Engg.	55	-	-	55	21	-	-	1	-	-	-	-	-	-	-	2	-	10	12	46	101
Chemistry	-	11	1	12	-	5	1	-	-	-	-	41	-	-	-	-	-	-	24	71	83
Civil Engg.	87	-	-	87	21	-	-	1	-	-	-	-	-	-	-	2	-	35	15	74	161
Comp. Sc.& Engg.	79	-	-	79	9	-	-	1	-	-	-	-	-	-	-	1	-	48	4	63	142
Design Prog.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	1	22	22
Earth Sciences	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	10	10
Economic Sciences	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6
Economics	-	18	1	19	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	28	47
Elect. Engg.	114	-	5	119	16	-	-	1	-	-	-	-	-	-	-	9	-	60	30	116	235
Env. Engg. & Mgmt.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-	5	5
Humanities & Social Sciences	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	5
Industrial & Mgmt. Engg.	-	-	-	-	-	-	-	-	-	-	-	-	-	40	39	-	-	22	5	106	106
Photonics Sc. & Engg.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	-	7	7
Materials & Metallurgical Engg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3
Materials Science & Engg.	58	-	2	60	22	-	-	3	-	1	-	-	-	-	-	-	-	17	12	55	115
Materials Sc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	4	23	23

Mathematics	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-	-	-	-	8	44	44
Maths & Sc. Computing	-	21	1	22	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	18	40
Mechanical Engg.	58	-	-	58	42	-	-	1	1	-	-	-	-	-	-	9	-	30	18	101	159
Nuclear Engg. & Technology	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2
Physics	-	14	-	14	-	5	-	-	-	-	1	28	13	-	-	-	-	-	17	64	78
Statistics	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-	-	-	-	42	42
TOTAL	505	64	11	580	149	56	1	9	1	1	1	147	13	40	39	25	21	307	186	996	1576

M.Sc. part of M.Sc.-Ph.D. dual degree programme