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**Government of India
Indian Institute of Technology, Guwahati
Indian Institute of Technology Guwahati
Guwahati**

Dated: 05/02/2020

To

Shri Karan Goel
S/o Atul Bihari Goel
A-188, 1st Floor, Gujranwala Town Part-1
North West Delhi
110009

Registration Number : IITGW/R/P/20/00003

Dear Sir/Madam

I am to refer to your Request for Information under RTI Act 2005, received vide letter dated 16/01/2020 and to say that *Desired information is enclosed herewith as Uploaded Reply Document..*

In case, you want to go for an appeal in connection with the information provided, you may appeal to the Appellate Authority indicated below within ***thirty days*** from the date of receipt of this letter.

Dr. Suresh S.M.

FAA & Registrar

Address: Indian Institute of Technology GuwahatiGuwahati

Phone No.: 0361-2690761

Yours faithfully

**(Dilip Boro)
CPIO & Joint Registrar
Phone No.: 0361-2582985
Email : pio@iitg.ac.in**

Reply of RTI No IITGW/R/P/20/00003 of Karan Goel

Sl No	Information Sought	Reply
1	Provide list of M.Tech programmes and total seats for each through GATE 2019 for each of General, OBC, SC, ST ,PWD categories	Desired information is attached herewith as ANNEXURE A
2	Provide minimum GATE scores/marks that were used to admit candidates for each M.Tech program through GATE 2019 for each of General, OBC, SC, ST ,PWD categories	Desired information is attached herewith as ANNEXURE B
3	Provide minimum education requirements and qualification for each M.Tech program through GATE- 2019 for each of General, OBC, SC, ST ,PWD categories	Desired information is attached herewith as ANNEXURE C
4	Provide GATE paper code required for each M.Tech program through GATE – 2019 for each of General, OBC, SC, ST ,PWD categories	Desired information is attached herewith as ANNEXURE D

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ANNEXURE - A

M.TECH INTAKE FOR JULY 2019 ADMISSION

DEPARTMENTS	SPECIALIZATIONS	GEN (40.5%)	EWS (10%)	OBC-NCL (27%)	SC (15%)	ST (7.5%)	Total
CSE	CSE	28	7	18	10	5	68
EEE	Signal Processing and Machine Learning	9	2	6	3	2	22
	VLSI	8	2	5	3	2	20
	Communication Engg.	8	2	6	3	2	21
	RF and Photonics	5	1	3	2	1	12
	Power Engineering	5	1	3	2	1	12
	Systems, Control and Automation	4	1	3	1	1	10
	Sub Total	39	10	26	14	8	97
ME	Machine Design	16	4	12	6	3	41
	Manufacturing Science and Engineering	12	3	8	5	2	30
	Fluids and Thermal Eng.	14	4	10	5	3	36
	Computational Mechanics	5	1	3	2	1	12
	Aerodynamics and Propulsion	5	1	3	2	1	12
	Sub Total	52	13	36	20	10	131
CE	Structural Engineering	11	3	7	4	2	27
	Water Resources Engineering	9	2	6	3	2	22
	Geotechnical Engineering	9	2	6	4	2	23
	Transportation Engineering	8	2	5	3	1	19
	Environmental Engineering	8	2	6	3	1	20
	Infrastructure Engineering & Management	4	1	2	1	1	9
	Earth Systems Science and Engineering	5	1	3	2	1	12
	Sub Total	54	13	35	20	10	132
CL	Petroleum Science and Technology	15	4	10	6	3	38
	Materials Science and Technology	15	4	10	5	3	37
	Sub Total	30	8	20	11	6	75
Data Science	Data Science	8	2	5	3	2	20
Food Science & Technology	FST	5					5
BT	BT	22	5	15	8	4	54
RT	RT	5	1	3	2	1	12
	Grand Total	243	59	158	88	46	594

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ANNEXURE - B

M.Tech GATE Score Cut-Off

Department	Specialization	UR	EWS	OBC-NCL	SC	ST
CSE		763	722	696	541	-
EEE	Signal Processing and Machine Learning	749	730	665	548	430
	VLSI	787	730	743	552	555
	Communication Engineering	661	661	595	484	472
	RF & Photonics	542	-	549	-	-
	Power Engineering	781	771	714	552	-
	Systems, Control and Automation	749	757	700	552	435
ME	Machine Design	771	680	710	470	403
	Manufacturing Science and Engineering	579	508	509	575	319
	Fluids and Thermal Engineering	706	681	596	329	491
	Computational Mechanics	716	669	501	-	-
	Aerodynamics and Propulsion	653	-	451	544	-
CE	Structural Engineering	738	644	704	509	470
	Water Resources Engineering and Management	364	-	360	-	254
	Geotechnical Engineering	528	522	531	333	489
	Transportation Systems Engineering	593	541	533	419	474
	Environmental Engineering					
	Infrastructure Engineering and Management	652	-	635	267	467
	Earth System Science and Engineering	478	-	304	-	-
BT		552	475	436	290	357
CL	Materials Science and Technology	393	411	357	198	236
	Petroleum Science and Technology	501	393	384	303	200

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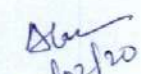
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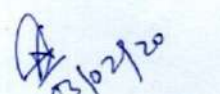
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ANNEXURE - C

Eligibility Requirements for applying to M.Tech. Programmes	
Educational Qualification & Minimum Marks	
M.Tech. Discipline	Qualifying Degree & Minimum Marks
Computer Science and Engineering	<p><u>Qualifying Degree:</u> Bachelor's degree in Engineering / Technology or equivalent in an appropriate area or M.Sc. (Computer Science/Information Technology) or Graduates (AMIE) enrolled upto 31.05.2013 from Institution of Electronics and Telecommunication Engineers (IETE) in Computer Science & Engineering or MCA.</p> <p><u>Minimum Marks:</u> Minimum CPI of 6.0 in a 10-point scale or a minimum of 60% of total / aggregate marks in Qualifying Degree.</p>
Electronics and Electrical Engineering	<p><u>Qualifying Degree:</u> Bachelor's degree in Electrical Engineering / Electronics Engineering or Equivalent or M.Sc.(Electronics) or Graduates (AMIE) enrolled upto 31.05.2013 from Institution of Electronics and Telecommunication Engineers (IETE) in Electronics & Telecommunication Engineering.</p> <p><u>Minimum Marks:</u> Minimum CPI of 6.0 in a 10-point scale or a minimum of 60% of total / aggregate marks in Qualifying Degree.</p>
Mechanical Engineering	<p><u>Qualifying Degree:</u> Bachelor's degree in Engineering / Technology in an appropriate area.</p> <p><u>Minimum Marks:</u> Minimum CPI of 6.0 in a 10-point scale or a minimum of 60% of total / aggregate marks in Qualifying Degree.</p>
Civil Engineering	<p><u>Qualifying Degree & Minimum Marks:</u> For all specializations (other than Earth System Science and Engineering), Bachelor's degree in Engineering / Technology in an appropriate area with a minimum CPI of 6.0 or 60% of marks.</p> <p><u>Qualifying Degree & Minimum Marks:</u> For Earth System Science and Engineering specialization, four-year Bachelor's degree in Civil Engineering/Petroleum Engineering/ Mining Engineering/ Mineral Engineering/ Geoscience Engineering/Agriculture Engineering/Engineering Physics (or equivalent)/ Engineering Mathematics (or equivalent) with a minimum CPI of 6.0 or 60% of marks OR Master of Science degree in Geology (or equivalent)/ Geophysics (or equivalent)/ Physics, Soil Physics with a minimum CPI of 6.0 or 60% of marks OR Master of Science degree in Mathematics/ Chemistry and allied areas in natural sciences with a minimum CPI of 6.5 or 65% marks.</p>
Biotechnology	<p><u>Qualifying Degree:</u> Master's degree in Science or four year Bachelor's degree in Engineering or technology, with biology or related subjects as one of the papers at the 10+2 level or later.</p> <p><u>Minimum Marks:</u> Minimum CPI of 6.0 in a 10-point scale or a minimum of 60% of total / aggregate marks in Qualifying Degree.</p>
Chemical Engineering	<p>Bachelor's degree in Engineering / Technology in an appropriate area (having Mass Transfer, Heat Transfer, Fluid Mechanics, Thermodynamics, Reaction Engineering, and Process Control, as subjects in undergraduate programme).</p>


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	<p><u>Minimum Marks:</u> Minimum CPI of 6.0 in a 10-point scale or a minimum of 60% of total / aggregate marks in Qualifying Degree.</p> <p><u>Qualifying Degree:</u> B.E./ B.Tech./ M.Sc. in any discipline.</p>
Rural Technology	<p><u>Minimum Marks:</u> Minimum CPI of 6.0 in a 10-point scale or a minimum of 60% of total / aggregate marks in Qualifying Degree.</p> <p><u>Qualifying Degree:</u> B.E./ B.Tech./ M.Sc. in any discipline.</p>
Data Science	<p><u>Minimum Marks:</u> Minimum CPI of 6.0 in a 10-point scale or a minimum of 60% of total / aggregate marks in Qualifying Degree.</p> <p><u>Qualifying Degree:</u> B.E./ B.Tech./ M.Sc./ MCA/ Four year B.S. degrees or equivalent in any engineering/ science discipline.</p>
Food Science & Technology	<p><u>Minimum Marks:</u> Minimum CPI of 6.0 in a 10-point scale or a minimum of 60% of total / aggregate marks in Qualifying Degree.</p> <p><u>Qualifying Degree:</u></p> <p>Four Year Bachelors' Degree in Engineering/ Technology/ Science or equivalent in one of the following disciplines (or in equivalent disciplines)</p> <ul style="list-style-type: none"> • Chemical Engineering • Biotechnology/ Biosciences / Bioengineering/ Life Sciences • Food Sciences/ Food Processing/ Food Technology / Food Engineering • Agricultural Sciences/ Engineering <p>OR</p> <p>Two Year/ Five Year Integrated Master of Science in one of the following disciplines:</p> <ul style="list-style-type: none"> • Chemistry, Biochemistry, Biology, Zoology, Botany, • Any Disciplines of Life Sciences • Food Sciences/ Food Processing/ Food Chemistry <p><u>Minimum Marks:</u> Minimum CPI of 6.0 in a 10-point scale or a minimum of 60% of total / aggregate marks in Qualifying Degree.</p>

Relaxation in Minimum Marks for SC/ ST/ PwD candidates:

The minimum marks requirement is relaxed by lowering 0.5 in CPI or 5% in marks for SC/ ST/ PwD candidates.

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ANNEXURE -D

M.TECH-GATE DISCIPLINE MAPPING FOR JULY 2019 ADMISSION

DEPARTMENTS	SPECIALIZATIONS	QUALIFYING IN REQUIRED GATE TEST PAPER CODE
CSE	Computer Science and Engineering	Computer Science and Information Technology (CS)
EEE	Signal Processing and Machine Learning	Electronics and Communication Engineering (EC), Electrical Engineering (EE), Instrumentation Engineering (IN)
	VLSI	Electronics and Communication Engineering (EC), Electrical Engineering (EE), Instrumentation Engineering (IN)
	Communication Engineering	Electronics and Communication Engineering (EC)
	RF and Photonics	Electronics and Communication Engineering (EC)
	Power Engineering	Electrical Engineering (EE)
	Systems, Control and Automation	Electronics and Communication Engineering (EC), Electrical Engineering (EE), Instrumentation Engineering (IN)
ME	Machine Design	Mechanical Engineering (ME)
	Manufacturing Science and Engineering	Mechanical Engineering (ME), Production and Industrial Engineering (PI)
	Fluids and Thermal Engineering	Mechanical Engineering (ME)
	Computational Mechanics	Mechanical Engineering (ME), Aerospace Engineering (AE)
	Aerodynamics and Propulsion	Mechanical Engineering (ME), Aerospace Engineering (AE)
CE	Structural Engineering	Civil Engineering (CE)
	Water Resources Engineering and Management	Civil Engineering (CE), Agricultural Engineering (AG)
	Geotechnical Engineering	Civil Engineering (CE)
	Transportation Systems Engineering	Civil Engineering (CE)
	Environmental Engineering	Civil Engineering (CE)
	Infrastructure Engineering and Management	Civil Engineering (CE), Architecture and Planning (AR)
	Earth System Science and Engineering	Civil Engineering (CE), Geology and Geophysics (GG), Petroleum Engineering (PE), Mining Engineering (MN), Agricultural Engineering (AG), Physics (PH), Chemistry (CY), Mathematics (MA)
CL	Petroleum Science and Technology	Chemical Engineering (CH)
	Materials Science and Technology	Chemical Engineering (CH)
BSBE	Biotechnology	Biotechnology (BT)
Rural Technology	Rural Technology	Any Test Paper of GATE
Interdisciplinary Administrative Head: HoD, Computer Science &	Data Science	Computer Science and Information Technology (CS), Electronics and Communication Engineering (EC), Electrical Engineering (EE), Instrumentation Engineering (IN), Mathematics (MA), Statistics (ST), Engineering Sciences (XE)

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Engineering		
International & Interdisciplinary Administrative Head: HoD, Chemical Engineering	Food Science and Technology	Chemical Engineering (CH), Biotechnology (BT), Chemistry (CY), Engineering Sciences (XE), Life Sciences (XL).

GATE 2018 TEST PAPERS	GATE 2019 TEST PAPERS
Aerospace Engineering (AE)	Aerospace Engineering (AE)
Agricultural Engineering (AG)	Agricultural Engineering (AG)
Architecture and Planning (AR)	Architecture and Planning (AR)
Biotechnology (BT)	Biotechnology (BT)
Civil Engineering (CE)	Civil Engineering (CE)
Chemical Engineering (CH)	Chemical Engineering (CH)
Computer Science and Information Technology (CS)	Computer Science and Information Technology (CS)
Chemistry (CY)	Chemistry (CY)
Electronics and Communication Engineering (EC)	Electronics and Communication Engineering (EC)
Electrical Engineering (EE)	Electrical Engineering (EE)
Ecology and Evolution (EY)	Ecology and Evolution (EY)
Geology and Geophysics (GG)	Geology and Geophysics (GG)
Instrumentation Engineering (IN)	Instrumentation Engineering (IN)
Mathematics (MA)	Mathematics (MA)
Mechanical Engineering (ME)	Mechanical Engineering (ME)
Mining Engineering (MN)	Mining Engineering (MN)
Metallurgical Engineering (MT)	Metallurgical Engineering (MT)
Petroleum Engineering (PE)	Petroleum Engineering (PE)
Physics (PH)	Physics (PH)
Production and Industrial Engineering (PI)	Production and Industrial Engineering (PI)
Textile Engineering and Fibre Science (TF)	Statistics (ST)
Engineering Sciences (XE-A, B, C, D, E, F, G, H)	Textile Engineering and Fibre Science (TF)
Life Sciences (XL-P, Q, R, S, T, U)	Engineering Sciences (XE-A, B, C, D, E, F, G, H)
	Life Sciences (XL-P, Q, R, S, T, U)

Date: 10/10/20
 By: JA, Acal

Date: 10/10/20
 By: JA (Head)

Engineering Sciences (XE)	Life Sciences (XL)
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Engineering Mathematics (XE-A) - Compulsory Section	Chemistry (XL-P) - Compulsory Section
Two Optional Sections from XE-B to XE-H	Two Optional Sections from XL-Q to XL-U
Fluid Mechanics (XE-B)	Biochemistry (XL-Q)
Materials Science (XE-C)	Botany (XL-R)
Solid Mechanics (XE-D)	Microbiology (XL-S)
Thermodynamics (XE-E)	Zoology (XL-T)
Polymer Science and Engineering (XE-F)	Food Technology (XL-U)
Food Technology (XE-G)	
Atmospheric and Oceanic Sciences (XE-H)	

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