

**GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA**  
**Admission Policy and Process**

The admission policy, formulated by State Government as well as Affiliating University is followed.

The admissions to various courses (run in its affiliated colleges) are being conducted by IKG Punjab Technical University through online counseling.

**B.Tech. First Year (Duration 4 year)**

**Eligibility**

a) **For Engineering & Technology Courses**

(i) All those candidates who have passed the 10+2 examination from a board recognized or established by central/state government through a legislation with Physics and Mathematics as compulsory subjects along with one of the following subjects:

- Chemistry
- Biotechnology
- Computer Science and
- Biology

(ii) Those candidates who have passed diploma in any engineering Trade from Punjab State Board of Technical Education and Industrial Training, Chandigarh or Sant Longowal Institute of Engineering and Technology, Longowal (SLIET), or any such examination from any other recognized board of Technical Education.

**OR**

(iii) The candidate who have passed two years certificate from Sant Longowal Institute of Engineering and Technology, Longowal (SLIET) shall be eligible.

(iv) *The candidates who are appearing in the qualifying examination shall also be eligible to appear for counseling based on JEE (Main) merit. The admission of such candidates shall be purely provisional and shall stand cancelled, if they failed to produce their eligibility at the time of admission and such candidates shall have no claim, whatsoever, for admission to these courses through counseling.*

## Branches & Intake

### First Shift

Branch	Intake
Civil Engineering	120
Mechanical Engineering	120
Electrical Engineering	90
Electronics & Communication Engineering	90
Computer Science & Engineering	90
Information Technology	90
Production Engineering	45
<b>Total</b>	<b>645</b>

### Second Shift

Branch	Intake
Civil Engineering	60
Computer Science & Engineering	60
Mechanical Engineering	60
<b>Total</b>	<b>180</b>

### Reservations:

85% seats are meant for Punjab residents and 15% for other states. Admissions are made with following all the reservations i.e. 70% seats for rural strata, 50% for Sikh minority (as per Punjab Government Notification No.18/33/2001- GC(6)/4513 dated Chandigarh, the 3<sup>rd</sup> April, 2001) and other reservations as per Punjab Government, Department of Technical Education and Industrial Training Memo. No. 13 / 2/ 05 -1TE2/1987 dated 2<sup>nd</sup> July, 2013. 5% seats are reserved for Economically Weaker Section (over and above the sanctioned intake).

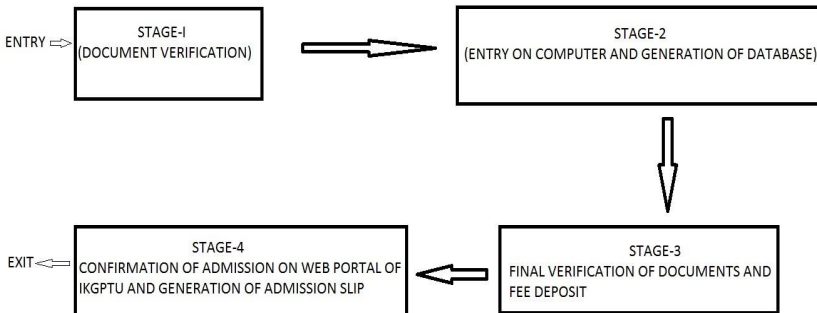
## Eligibility for Sikh Quota

The student must have qualified Sikh Religion Examination (SRE) conducted by Shiromani Gurdwara Parbandhak Committee (SGPC), Sri Amritsar.

## Admission Process (online counseling):

PAY Counseling Fees (Rs. 2000/- Non-refundable once only)--> Register for Counseling --->

Fill Choices --->Check for Result-->Report to the allotted Institute



## 9. CATEGORY CODES

Reserved Category		Main Category	Sub-Category	Priority List
Scheduled Castes / Scheduled Tribes		SC	-	
Backward Classes		BC	-	
Border Areas		BR	-	
Backward Areas		BA	-	
Sportspersons		SP	-	
	Grade - A	"	S1	
	Grade - B	"	S2	
	Grade - C	"	S3	
	Grade - D	"	S4	
Children / Grand Children of Freedom Fighters		FF	-	
Disabled Persons		DP		
	Blind	"	D1	
	Deaf & Dumb	"	D2	
	Other handicapped	"	D3	
Children / Widows of Defence Personnel / Ex-servicemen etc.		DF		
	Posthumous Awardees		DF1	
	Other Awardees		DF2	
	Children/ Wards of the Defence Personnel killed or disabled to the extent of 50% or more		DF3	
	Serving Defence Personnel / Ex-servicemen		DF4	
	Param Vir Chakra (PVC) winners			F1
	Ashok Chakra (AC) winners	"		F2
	Sarvottam Yudh Seva Medal (SYSM) winner	"		F3
	Maha Vir Chakra (MVC) winner	"		F4
	Kirit Chakra (KC) winner	"		F5
	Uttam Yudh Seva Medal (UYSM) winner	"		F6
	Vir Chakra (VrC) winner	"		F7
	Shaurya Chakra (SC) winner	"		F8
	Yudh Seva Medal (YSM)	"		F9
	Sena / Nau Sena / Vayu Sena Medal (gallantry only)	"		F10
	Mention-in Despatches	"		F11
	Defence Personnel killed or disabled to the extent of 50% or more "in action" including cases of Home Guards	"		F12
	PVSM awardees of Serving Defence personal / ex-servicemen	"		F13
	AVSM awardees of Serving Defence personal / ex-servicemen	"		F14
	VSM awardees of Serving Defence personal / ex-servicemen	"		F15
	Sena Medal / Nau Sena Medal and Vayu Sena Medal (Distinguished service) awardees of Serving Defence personal / ex-servicemen	"		F16
Children/Widows of Para-military forces/Punjab Police, PAP and Punjab Home Guards		PM		
	Winners of President's Police Medal for Gallantry, including posthumous awardees.	"	P1	
	Winners of the Police Medal for Gallantry, conferred by the President of India, including posthumous awardees	"	P2	
	Killed or disabled to the extent of 50% or more "In action" including cases of Home Guards	"	P3	
	Serving para-military personnel and ex-para-military personnel	"	P4	
	Remaining categories	"	P5	
Riot affected/ Terrorist affected families		RT		
	Persons killed in 1984 riots / killed as a result of terrorist violence or killed by the security forces acting in aid of civil authority, including innocent civilians and Army Deserters as well as those of these categories who have been disabled physically to the extent of 100% in accordance with the policy already in place		T1	
	Persons of the above categories who were disabled to an extent less than 100%	"	T2	
	All other categories mentioned in the existing policy under this head.	"	T3	
Single Girl Child		SGC		
Tsunami victims OR Cancer / AIDS / Thalassemia		TS		

**Children / Wards of the posthumous awardees would get preference over the children / wards of the normal awardees of the same category.**

<b>Seat Matrix for Admission</b>									
Sr. No.			SIKH MINORITY			OPEN QUOTA			TOTAL SEATS
(A)	85 % Category	Reservation (%)	B.TECH. ALL BRANCHES			B.TECH. ALL BRANCHES			
			RURAL	URBAN	TOTAL	RURAL	URBAN	TOTAL	
i)	SC/ST	25%	60	26	86	61	26	87	173
ii)	Backward Class	5%	12	5	17	12	6	18	35
iii)	Border Area	2%	5	2	7	5	2	7	14
	Backward Area	2%	5	2	7	5	2	7	14
iv)	Sportsperson	2%	6	2	8	5	2	7	15
v)	Grand children of freedom fighters	1%	3	1	4	3	1	4	8
vi)	Disabled persons								0
	a) Blind	1%	2	1	3	2	1	3	6
	b) Deaf & Dumb	1%	3	1	4	3	1	4	8
	c) Other handicaps	1%	2	1	3	2	1	3	6
vii)	Defence/Ex-serviceman	2%	5	2	7	5	2	7	14
viii)	Para-military forces	2%	5	2	7	5	2	7	14
ix)	Victims of terrorist violence (1984)	2%	4	2	6	5	2	7	13
x)	Tsunami victims	1%	2	1	3	3	1	4	7
xi)	Single Girl Child	1%	3	1	4	2	1	3	7
xii)	General	52%	125	54	179	128	55	183	362
xiii)	Gill Quota	(7 seats)	7	0	7	0	0	0	7
	<b>Total (85% Category seats)</b>		<b>249</b>	<b>103</b>	<b>352</b>	<b>155</b>	<b>66</b>	<b>351</b>	
<b>(B)</b>	<b>OTHER STATES (15 % CATEGORY)</b>								
i)	General	70%	43		43	43		43	86
ii)	SC/ST	25%	15		15	15		15	30
iii)	Backward Class	5%	3		3	3		3	6
	<b>Total (15% Category seats)</b>		<b>61</b>		<b>61</b>	<b>61</b>		<b>61</b>	
<b>TOTAL SEATS (85% + 15%)</b>			<b>413</b>			<b>412</b>			<b>825</b>

## **B.Tech. Second Year (Lateral Entry)**

### **Eligibility**

The minimum qualification for admission to 2<sup>nd</sup> year (3<sup>rd</sup> semester) of B. Tech. courses shall be as follows:

- I. All those candidates who have passed Diploma examination from an AICTE approved institution and have obtained at least 45% marks (40% in case of Candidates belonging to reserved category) in appropriate branch of Engineering / Technology shall be eligible to apply.
- II. All those candidates who have passed B. Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% in case of Candidates belonging to reserved category) and passed XII standard with mathematics as a subject shall be eligible to apply. (a) Students, who have passed B. Sc. Degree from a recognized University as defined by UGC, shall clear the subject of Engineering Graphics / Engineering Drawing and Engineering Mechanics of the first year engineering program along with second year subjects. (b) Students belonging to B. Sc. Stream may further note that they shall be consider only after filling the supernumerary seats in this category with students belonging to the Diploma stream.
- III. It is further stated that students, who have passed Diploma in Engineering & Technology from an AICTE approved Institution or B. Sc. Degree from a recognized University as defined by UGC, shall also be eligible for admission to the first year Engineering Degree courses provided there are vacancies in the first

year of Engineering Degree. This shall be considered only after the vacancy at lateral entry are exhausted.

### **Branches & Intake**

20% seats of sanctioned intake of B.Tech. 1<sup>st</sup> Semester is available in 3<sup>rd</sup> semester of B.Tech. through Lateral Entry Scheme respectively and 5% for Economically Weaker Section (of 20%). Any other vacant seats arised due to the withdrawal of admission by Ist year students shall also be available for lateral entry.

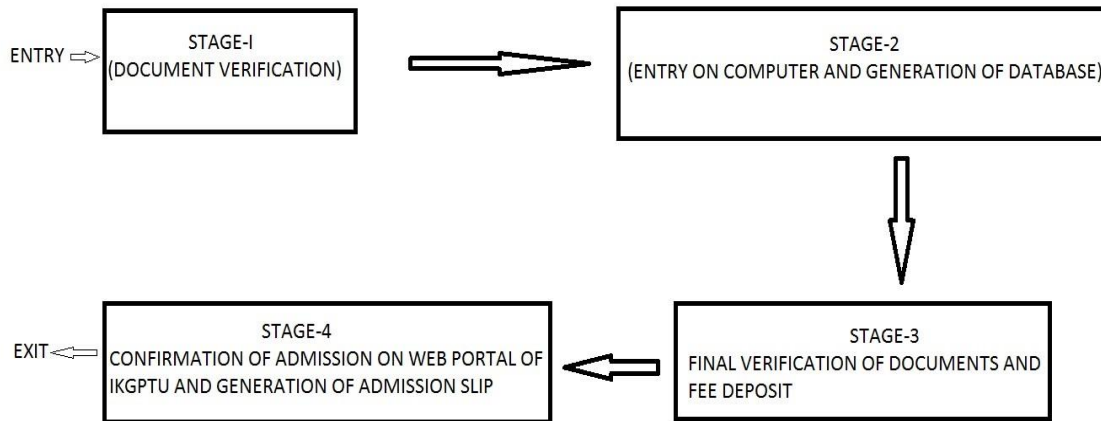
### **Reservations**

85% seats are meant for Punjab residents and 15% for other states. Other reservations are as per Punjab Government, Department of Technical Education and Industrial Training Memo. No. 13 / 2/ 05 -1TE2/1987 dated 2<sup>nd</sup> July, 2013. 5% seats are reserved under Fee Waiver Scheme for economically weaker section (over and above the sanctioned intake).

### **Admission Process (online counseling):**

PAY Counseling Fees (Rs. 2000/- Non-refundable once only)--> Register for Counseling --->

Fill Choices --->Check for Result-->Report to the allotted Institute



### **Eligibility (Fee Waiver Scheme)**

As prescribed by AICTE and notified by Government of Punjab vide its notification no. 13/60/08-1TE2/1797, dated 23<sup>rd</sup> May,2011 and notification no. 13/60/08/1TE2/2007 dated 31.05.2012.

A student getting admission under fee waiver scheme has to produce following documents:

- (i) In case the parent(s) of candidate are employed then:
  - a. Income certificate from the employer for the relevant assessment year.
  - b. Copy of the income tax return for the relevant assessment year.
  - c. Affidavit of total family income by the father of candidate for the relevant financial year (duly attested by SDM).
- (ii) In case the parent(s) of candidate are self-employed then:
  - a. Copy of the income tax return for the relevant assessment year.
  - b. Affidavit of total family income by the father of candidate for the relevant financial year (duly attested by SDM).

### **M.Tech. (Full-Time) Duration 2 years**

#### **Eligibility:**

All those candidates who have passed B.Tech. with at least 50% (45% in case of candidates belonging to reserved category) in aggregate. Preference shall be given to the candidates with valid GATE score.



## Branches & Intake

Branch	Intake
Industrial Engineering	25
Power Engineering	25
Production Engineering	25
Structural Engineering	25
Computer Science & Engineering	18
Geo-Technical Engineering	25
Environmental Science & Engineering	18
Electronics & Communication Engineering	18
<b>Total</b>	<b>179</b>

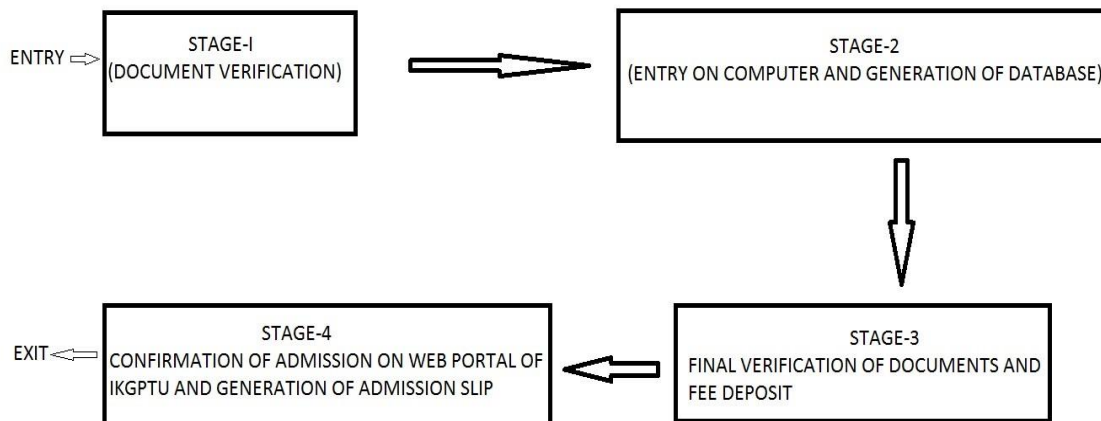
## Reservations:

85% seats are meant for Punjab residents and 15% for other states. Other reservations as per Punjab Government, Department of Technical Education and Industrial Training Memo. No. 13 / 2/ 05 -1TE2/1987 dated 2<sup>nd</sup> July, 2013

## Admission Process (online counseling by the Affiliating University):

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## M.Tech. (Part-Time) Duration 3 years

### Eligibility

The candidates who have passed B.Tech. with at least 50% (45% in case of SC/ST candidates) in aggregate, and are employed, having two years of work experience are eligible.

Sr. no.	Course	Eligibility
1	Soil Mechanics & Foundation Engineering	B.E./ B.Tech. in Civil Engineering
2	Industrial Engineering	B.E./ B.Tech. in any branch of Engineering
3	Production Engineering	B.E./ B.Tech. in Mechanical/ Industrial/ Production/ Manufacturing/ Welding/ Material Science/ Metallurgy Engineering
4	Electrical Engineering	B.E./ B.Tech. in Electrical/ Electronics & Instrumentation / Applied Electronics/ Instrumentations & Control/ Electrical & Electronics Engineering
5	Electronics & Communication Engineering	B.E./ B.Tech. in Electronics & Communication/ Electronics & Instrumentation/ Applied Electronics/ Instrumentation & Control/ Electrical & Electronics Engineering/ M.Sc. In Physics (With specialization in Electronics)

### Branches & Intake

Branch	Intake
Electrical Engineering	13
Electronics & Communication Engineering	13
Industrial Engineering	13
Production Engineering	13
Soil Mechanics & Foundation Engineering	13
<b>Total</b>	<b>65</b>

### Admission Process

The affiliating University authorized the affiliating colleges to fill these seats at college level.

## **MBA Duration two years**

### **Eligibility**

All those candidates who have passed Bachelor Degree of minimum three years duration in any discipline from a university recognized by the University Grants Commission (UGC) and with valid rank in CMAT shall be eligible.

### **Intake**

60 (Specialization Finance, HRM, Marketing)

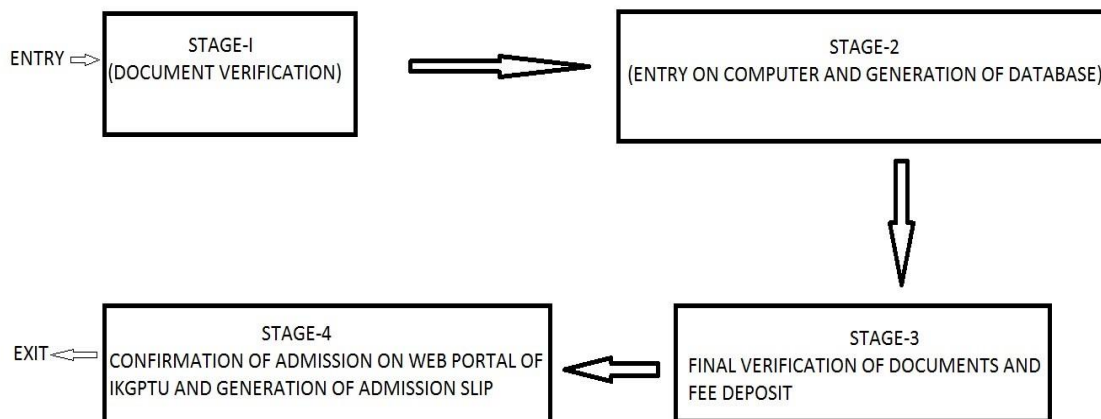
### **Reservations**

85% seats are meant for Punjab residents and 15% for other states. Other reservations are as per Punjab Government, Department of Technical Education and Industrial Training Memo. No. 13 / 2/ 05 -1TE2/1987 dated 2<sup>nd</sup> July, 2013.

### **Admission Process (online counseling by the Affiliating University):**

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## **MCA (Intake 60)**

### **Eligibility for First year ( Duration 3 Years)**

All those candidates who have passed any recognized Bachelor Degree of minimum three years duration from a university recognized by the University Grants Commission (UGC) with mathematics/statistics/business mathematics/business statistics/quantitative techniques as compulsory/optional additional paper as one of the subjects either at 10+2 or at Graduation level

OR

Have passed BCA course of minimum 3 years duration from a recognized university

### **Eligibility for Second year (Lateral Entry) Duration 2 Years**

1. Bachelor Degree in BCA, B.Sc. (IT/Computer Science) from a recognized university with Mathematics as a course at 10+2 level or at Graduation level OR
2. B.Tech. in CSE/IT (or equivalent)
3. M.Sc. IT/CS with Mathematics as a course at 10+2 level or at Graduation level or PG level.

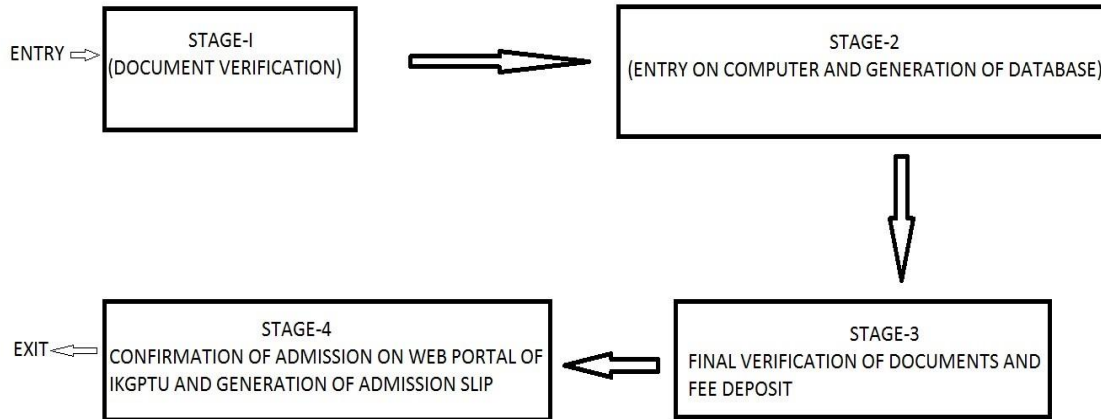
### **Reservations:**

85% seats are meant for Punjab residents and 15% for other states. Other reservations as per Punjab Government, Department of Technical Education and Industrial Training Memo. No. 13 / 2/ 05 -1TE2/1987 dated 2<sup>nd</sup> July, 2013.

**Admission Process (online counseling by the Affiliating University):**

PAY Counseling Fees (Rs. 2000/- Non-refundable once only)--> Register for Counseling --->

Fill Choices --->Check for Result-->Report to the allotted Institute



Sem.	B.Tech		MBA		MCA		M.Tech.	M.Tech
	Day Scholar	Hosteller	Day Scholar	Hosteller	Day Scholar	Hosteller	FT	. PT
<b>First</b>	51839	65766	51839	64252	0	0	49324	35324
<b>Second</b>	40850	52777	40850	51028	0	0	35250	16250
<b>Third</b>	44539	54102	44539	54717	51839	61218	23824	22324
<b>Fourth</b>	40850	50413	41450	51863	40850	50229	17350	15750
<b>Fifth</b>	44539	54952			44539	54728		22324
<b>Sixth</b>	40850	51263			41450	51639		15850
<b>Seventh</b>	44539	54952						
<b>Eighth</b>	41450	51863						
<b>Total</b>	<b>349456</b>	<b>436088</b>	<b>178678</b>	<b>221860</b>	<b>178678</b>	<b>217814</b>	<b>125748</b>	<b>127822</b>

**Direct admission by Affiliating Colleges for B.Tech. (First year, Second year-LEET), M.Tech. (Full-Time, M.Tech. (Part-Time), MBA (First year) , MCA(First, Second Year-LEET)**

After expiry of two online rounds by the Affiliating University, the University authorizes its affiliated colleges to fill their vacant seats by direct counseling. For direct counseling, the college give advertisements in leading newspapers for wide circulation.

For B.Tech. admissions, applications are invited and merit is prepared on the basis of JEE (Main) as well as 10+2 (Non-Medical) i.e qualifying exam. After that seats are allotted on the merit basis. After completion of 2-3 rounds, vacant seats if any, are filled by spot counseling. For spot counseling, applications are invited on a prescribed performa (available on college website) till 12 noon from Monday to Friday and after preparing the merit list for the same, counselling is conducted at 2.00 pm on the same day.

This process remains continue till all the vacant seats are filled or up to the expiry of last date of admission as notified by the Affiliating University whichever is earlier. The tentative date of closure of admissions is fifteen of August of that year.

## **Ph.D**

The college also offers research facilities in various departments leading to the award of Ph.D Degree

### **Ph.D (under QIP) Minor Centre (Code GN)**

#### **Intake**

3 seats in disciplines Civil Engineering (Code CE), Mechanical Engineering (Code ME) and Electrical Engineering (Code EE)

#### **Eligibility**

Only candidates (such as Lecturers, Readers, Workshop Superintendents, Asst.Professors, Associate Professors and Professors) with a minimum of three years teaching experience as full-time regular/permanent teachers of AICTE approved Degree level engineering institutions are eligible to apply. Admissions to Ph.D degree programme under QIP are open only to a candidate with a basic degree in Engineering or Technology or such other qualification. Computer Programmers, System Programmers, workshop Staffs, Guest Lecturers, Visiting Lecturers, Teaching Assistants, Adhoc/contract or Part-Time teachers, Research Engineers, Scientific Officers, Technical Assistants and other such categories of staff are not eligible. Teachers of Major QIP centre are not eligible. Teachers of Minor QIP Centre are eligible to apply to Major QIP Centres. Teachers of the minor QIP centres are permitted to apply for a field of specialisation available in another minor QIP centre, which is not available in their parent department on the specific recommendations of the Departments' and Institute Head. Candidates

complete M.Tech. Under QIP programme can not apply before completion of the bond period at their parent institute.

### **Advance Admission Scheme**

As per the advance admission for the Ph.D degree programme under QIP, a candidate will receive admission during 2018-19 session to the Pre-Ph.D programme and on successful completion of this programme, he/she shall be offered admission to the regular Ph.D programme during 2019-2020. During the one year period of the Pre-Ph.D programme, the candidate is required to make maximum four visits to the institute (to which he/she is offered admission) for a total period of sixty days, to decide on the area of research, to identify guide, and to start preliminary work. During this period, the candidate is to be treated as on deputation by the sponsoring institute. TA/DA as per AICTE norms for the visits would be borne by the institute where the admission is offered, subject to receipt of grant from AICTE. The candidate admitted for the regular Ph.D degree programme under QIP will receive a sum of Rs. 15000/- per month as living expenditure allowance and a contingency grant of Rs. 15000 per annum for three years. The candidate joining the Ph.D Degree programme would be entitled to receive his/her salary and allowances, which must be paid by the parent institution sponsoring him/her.

The duration of the pre-Ph.D programme is 60 days (Advance Admission Scheme) and that of the regular Ph.D Degree Programme is 3 years.



## Admission procedure

Candidates must first submit their application form online through <http://cepqip.iitd.ac.in/>. After filling the Application online, candidate should send the relevant number of prints of the online completed form, duly forwarded by Principal/Head of the Institution as instructed alongwith all the enclosures and a online payment receipts of Rs. 1000/- (Rs. 500/- for SC/ST/P D/Female candidate) to the Principal Coordinator QIP, Quality Improvement Programme, QIP/CEP office, Ist Floor, Vishwakarma Bhawan, Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110 016. Short-listed candidates will receive interview call/Admission letter from the respective QIP coordinator of the institute, where they have applied to seek admission. Interview schedule is final and can not be altered. Concession, relaxation and reservation for candidates belonging to SC/ST/OBC/Physically Disabled/Female candidate are as per rules. The reservation rules of GOI will be applied to overall admissions by the National QIP Coordination Committee (NQCC). The selection of a candidate is considered only after the recommendation of the respective minor centre by NQCC. Admission letter will be issued to the selected candidates by the respective QIP centre or academic sections of the institutions offering admission.

## Specializations :

Code	Department	Fields of Specialization
GNCE01	Civil Engineering	1. Structure Engineering 2. Geo Technical Engineering 3. Transport Engineering 4. Computer Aided Design
GNME01	Mechanical Engineering	1. Thermal Engineering 2. Industrial Engineering 3. Production Engineering
GNEE01	Electrical Engineering	1. Power System Operation and Control 2. Restructuring of Power System 3. Reliability and Maintenance Engineering

