GHANI KHAN CHOUDHURY INSTITUTE OF ENGINEERING & TECHNOLOGY (GKCIET)

(A Centrally Funded Technical Institute & Established by Ministry of H.R.D., Govt. of India)
Narayanpur, Malda-732 141, West Bengal, India
(http://www.gkciet.ac.in)

GKCIET Entrance Test-2018 (GET-2018)

Information Brochure for Diploma Programs: 2018

1. INTRODUCTION

Ghani Khan Choudhury Institute of Engineering & Technology (GKCIET), Malda, West Bengal was established in 2010 by Ministry of Human Resource Development, Govt. of India. The Institute is located at Malda, West Bengal with the bordering districts of Bihar, Jharkhand and North Eastern states. Ghani Khan Choudhury Institute of Engineering & Technology (GKCIET), Malda was established with the objective to create a multi-layered inter disciplinary and inter-sectorial efficient professional technical manpower to act as an international podium for the development and transfer of technical competence in academics. It is committed to provide best possible technical education at grass route level and to cater to the specific needs of women, school dropouts and other disadvantaged sections of society by organizing a large no of short/long term skills orientation programs for economic up liftment and inclusive growth of society. It was formulated that the institute, besides catering to the needs of formal education would undertake the non-formal education to prepare the skilled and qualified manpower for self-employment. Further, the institute would take up a strategic research and development activities which along with entrepreneurship will help in extending the efforts of the institute in imparting education to the unemployed and working population by updating and upgrading their technical skills. GKCIET is devoted to provide leadership, organizational expertise, technical assistance and the other resources required to meet the demand.

2. LOCATION

The institute is located at Narayanpur, Malda and being developed in a sprawling area of about 101 acres of land at a distance of about 14 km from Malda central railway station and 0.7 km from the 34 No National Highway.

3. STATUS

The Institute is an autonomous body, and established & fully funded by the Ministry of Human Resource Development (MHRD), Government of India.

4. OBJECTIVES

Ghani Khan Choudhury Institute of Engineering & Technology (GKCIET) is conceived of the following:

A. EDUCATION AND TRAINING

To offer flexible multi-point entry programs in engineering and technology.

➢ To promote self-employment in all programme by introducing an element of entrepreneurship, providing guidance and counselling services to help students to take up self-employment ventures.

➢ To develop enabling framework to implement national policy on skill development

➢ To offer Non-formal skill development programme to strengthen the scope of employment & self- employment and entrepreneurship development

➢ To provide technical education facilities for women, school dropouts and other disadvantaged sections of society through specially designed courses.

➢ To offer continuing education programme for working personnel from industries at different levels to meet the requirements of the industry/ trade.

B. RESEARCH & DEVELOPMENT

➢ To conduct action research in TVET sector and Science & Technology.

➢ To prepare the students incapable of initiating & managing development activities in the region, hence the programme will lay emphasis on developing relevant & appropriate technical & vocational skills.

➢ To promote Institute and Institute – Industries interactions by sharing resources for sustainable development of the region in particular and India as a whole.

C. EXTENSION SERVICES

➢ Industries in the neighbourhood and in the region.
➢ Working personnel.
➢ Passed out students.
➢ I.T.I.s and Polytechnics.
➢ Research and other institutes of higher learning.

D.   GOAL

➢ **SHORT TERM GOAL**

Dissemination of technical knowledge and skill, inculcate entrepreneurship trait among rural youths using both formal as well as non-formal mode so that they could contribute in the sustainable development of the region in particular and India as whole.

➢ **LONG TERM GOAL**

Institute is to become fountain-head in providing technological excellence in academics through formal/non-formal Technical Education, Entrepreneurship & Research to meet the changing global needs of the society by transforming itself into Technical Vocational University.

5. STRUCTURE OF DIPLOMA PROGRAMS

The Institute is aimed to offer education in emerging areas of Engineering and Technology through Diploma, Degree and Higher modules. This Brochure is mainly for Admission in the Diploma Programs to be offered by the Institute under the WBSCT&VE&SD, Kolkata in the session of 2018-19 onwards:

Diploma (3 Year Duration)	50% of the approved intake is to be filled up through JEXPO Examination conducted by WBSCT&VE&SD, Kolkata for the candidates of West Bengal and remaining 50% of the approved intake is to be filled up by a separate entrance test (GKCIET Entrance Test or GET) conducted by Ghani Khan Choudhury Institute of Engineering & Technology (GKCIET), Malda for the candidates from other states excluding West Bengal.

The objective of these diploma programs is to produce technically skilled and supervisory level manpower in appropriate areas. **This Entrance Test (GET-2018) is applicable for the candidates from other States excluding West Bengal**.

6. FEE STRUCTURE FOR OF THE ACADEMIC YEAR of 2018-2019

The fee structure of the 3 year diploma programs for the academic session of 2018-2019 will be available on the website of the Institute. Hostel accommodation is not available at present. However, the hostel facility at Permanent Campus of the Institute at Narayanpur, Malda shall be available after construction in due course of time.

7. ELIGIBILITY CRITERIA/QUALIFICATION (GET-2018)

(i)   Must be an Indian Citizen and medically fit.

(ii) The minimum qualification for admission to the Diploma Programs is Matric (10th Std.) pass or its equivalent examination with English, Physical Science/ Science (Physics & Chemistry) and Mathematics from a State Secondary Education Board / CBSE /ICSE /National Open School or equivalent securing at least 35% marks in aggregate as per AICTE norms excluding marks of the subjects taken as additional. The candidates appeared/appearing in secondary or equivalent examination in 2018 with English, Physical Science/ Science (Physics & Chemistry) and Mathematics may also apply conforming to the benchmark of 35% marks in aggregate excluding marks of the subjects taken as additional at the time of counselling.

(iii) Should not be born after **01/07/2003** and there is no upper age limit.

8. **DIPLOMA PROGRAMS ARE TO BE OFFERED IN THE SESSION OF 2018-2019**

Admission is available in the following Diploma courses:

Sl No.	Name of the Courses	Intake		
		JEXPO-2018	GET-2018	Total
1	Civil Engineering (CE)	30	30	60
2	Computer Science & Technology (CST)	30	30	60
3	Electrical Engineering (EE)	15	15	30
4	Food Processing Technology (FPT)	15	15	30
5	Mechanical Engineering (ME)	15	15	30

50% of the above total intake would be filled up through the GKCIET Entrance Test (GET-2018).

9. **PRINCIPLES OF ADMISSION**

Admission to all Diploma Courses shall be made on the basis of a National Level Entrance Test (GET-2018). All admissions will be made on the merit determined for admission by the Institute. In case of tie among two or more candidates, the candidate having higher marks in qualifying examination shall be placed higher in merit. Again, if there is tie in qualifying marks, candidate elder in age by date of birth as per the relevant entry in the matriculation certificate shall be placed higher in merit.

In principles relating to the reservation, the institute follows reservation policies as per the MHRD/ Govt. of India. Accordingly, seat reservation for the reserved categories will be made as per the latest guidelines issued by the Government of India from time to time. **Any candidate claims a seat under reservation quota must submit copy of relevant certificate(s) issued by the competent authority along with the Application Form, else s/he will be treated as a general candidate.**

10. **TERRITORIAL QUOTA**

Total seats meant for Diploma Courses are bifurcated for the candidates of the State of West Bengal and for the candidates belong to other States, respectively in the following proportion:

Quota for West Bengal: 50%

Quota for Other States and U.T: 50%

The GET-2018 is applicable for the candidates from other states and UT excluding the state of West Bengal. In this regard, the candidates have to furnish Residential/Domicile Certificate from the Government/ Appropriate Body to claim territorial quota.

11. EXAMINATION CENTRES FOR GET- 2018

Centre	Centre Code
Malda (WB)	01
Kolkata (WB)	02
Guwahati (Assam)	03
Patna (Bihar)	04

If number of candidates applied for a centre is found insufficient, the candidates of that centre shall be transferred to the nearest centre.

12. APPLICATION FEE

An application fee of **Rs 500/-** per candidate whereas **Rs 200/-** per candidate for the candidates belong to SC/ST category, is applicable and to be drawn in favour of **"Accounts Officer, GKCIET, Malda"** payable at **Malda.**

However, there is no application fee for the candidates applying under PWD category.

13. APPLICATION PROCEDURE

Application Form for GKCIET Entrance Test (GET-2018) will be available in the Institute website: **http://www.gkciet.ac.in** **from 06th April, 2018 to 27th April, 2018 (up to 4PM).**

HOW TO APPLY:

(i) Prepare a Demand Draft as application fee of **Rs 500/-** (for SC/ST candidates **Rs 200/- & there is no application fee for the candidates applying under PWD category**) in favour of **"Accounts Officer, GKCIET, Malda"** payable at **Malda.**

(ii) Log on to the website of GKCIET **http://www.gkciet.ac.in** and click on **GKCIET Entrance Test-2018 (GET-2018)** link.

(iii) Download word file (.doc) of the Application Form and fill the form in .doc format. Please do not change the format of Application Form.

(iv) Take a printout of the filled-in form.

(v) Paste photograph and put signature(s) in the appropriate places in the form.

(vi) Send the followings (**MANDATORY FOR EACH CANDIDATE**) to the e-mail ID: **admission@gkciet.ac.in** immediately after filling the Application Form up to **27th April, 2018 (4:00 PM)**:

(a) Filled-in word file in .doc format as followed in Step-(iii) (scanned signature may be used in the .doc file)

(b) Scanned copy of the signed Application Form as followed in Step-(v), supporting documents and Demand Draft (DD).

Preference in Centre Choice will be given to those submitted applications early.

(vii) Submit hard copy of the duly filled-in Application Form along with the Demand Draft (original) within **5th May, 2018** by post (preferably by speed Post) or hand delivery to the **Chairman, Admission Committee (2018-19)**, **Ghani Khan Choudhury Institute of Engineering & Technology, Narayanpur, Malda-732141, West Bengal, India**. Institute will not be responsible for any late receipt of the Application Form. Submission of hard copy of the Application Form is mandatory along with supporting documents and Demand Draft, else the candidature will be cancelled automatically.

(viii) Keep photo copies of the Application Form and Demand Draft & original bank receipt of the Draft for future reference.

VALID E-MAIL ID AND CONTACT NUMBER OF THE CANDIDATE ARE MANDATORY IN THE DULY FILLED-IN APPLICATION FORM FOR NECESSARY CORRESPONDENCE IN TIME.

14. PROCESS FOR DISTRIBUTION OF ADMIT CARD

(i) Admit Card will be sent through e-mail to the individual eligible candidate and may also be available by request to the e-mail ID: admission@gkciet.ac.in or by hand from the Institute Office after receiving hard copy of Application Form and Demand Draft by the office for the GET-2018. Admit Card shall also be send by post.

(ii) Photograph of the candidate in the downloaded/received admit card is to be authenticated by Head Master of the last school attended/Gazetted officer.

(iii) Candidates are also advised to carry photo copies of Application Form & Demand Draft and original bank receipt of the Draft in the Entrance Examination Centre.

15. GKCIET ENTRANCE TEST-2018 (GET-2018)

This Entrance Test for the admission to Diploma programs of Ghani Khan Choudhury Institute of Engineering & Technology, Malda is termed as GET-2018.

SCHEDULE OF ADMISSION PROCESS:

Programs	Schedule Date
Starting of Downloading the Application Form through http://www.gkciet.ac.in & GKCIET Entrance Test-2018 (GET-2018) link.	**06-04-2018**
Last Date for Receiving the Application Form to E-mail ID: admission@gkciet.ac.in	**27-04-2018 (Upto 4:00PM)**
Last Date for Receiving the Application Form by Post	**05-05-2018 (Upto 4:00PM)**
Issue of Admit Card (by e-mail)	**10.05.2018 (Tentative)**
Admission Test (GET-2018)	**20.05.2018**
Publication of Result	**31.05.2018 (Tentative)**

16. **PATTERN OF EXAMINATION**

GKCIET Entrance Test (GET-2018) for admission to the Diploma Programs will consist of two papers (each of 2:00 hours duration) comprises of 'Mathematics' as the FIRST paper and 'Physics & Chemistry or Physical Science or Science' as the SECOND paper. 'Multiple Choice Questions (MCQ)' shall be set for both the papers. The FIRST paper (Mathematics) will be of 100 marks with 100 MCQ and the SECOND paper is also of 100 marks (Physics and Chemistry, 50 marks each) with 100 MCQ.

Schedule of Examination:

Date	10:00a.m. to 12:00noon	1:00p.m. to 3:00p.m.
20.05.2018	**Mathematics (100 Marks)**	**Physics & Chemistry (100 marks)**

Under no circumstances, repeat examination will be conducted for those who are unable to appear in the examination on the scheduled date and time.

17. **MEDIUM OF EXAMINATION**

Candidates appearing for the entrance test for Diploma Programs shall have to answer questions in English. Question paper will be provided in English only.

18. **MERIT LIST FOR DIRECT ENTRY SEATS:**

For admission in Diploma programs, a common merit list shall be prepared and the candidates will be allotted trade/branch/specialization as per his/her merit and choice and the availability of seats in the said trade/branch/specialization of the program. The list of qualified candidates will be displayed on the **Institute website: www.gkciet.ac.in only.**

The Institute will not communicate the result to any individual candidate and also no rank card will be issued to the candidate.

19. **COUNSELING**

The exact schedule of counselling and number of candidates called will be displayed on the website of the Institute namely, **www.gkciet.ac.in**. However, the process of counselling will commence tentatively in **June, 2018. No separate Call Letters will be sent to the candidates for attending Counselling.** However, if a candidate fails to attend counselling in time due to any reason, s/he may appear in the next available counselling (if any). Such candidate will have to keep track of the next available counselling schedule which will be available on the Institute website. His/her claims in such subsequent counselling in which s/he may participate may be considered in accordance with his/her merit/choice and availability of seats in a particular trade/ branch/specialization during the said subsequent counselling.

20. GENERAL INFORMATION

Candidate appearing in the Entrance Test (GET-2018) for admission is allowed provisionally, subject to production of his/her certificates having passed the qualifying examination on or before the day of counselling of the concerned program, failing which his/her candidature shall be deemed to have been cancelled.

Academic Calendar and Study Scheme along with syllabi shall be followed by all admitted students as per the norm & standards prescribed by the WBSCT&VE&SD, Kolkata. Semester system will be followed for the Diploma programs of 3 year duration.

21. SYLLABUS

- **MATHEMATICS (100 Marks)**

Real Numbers, Laws of Indices, Graph, Co-ordinate Geometry - Distance Formula, Linear Simultaneous Equations, Properties of Parallelogram, Polynomial, Factorisation, Transversal & Mid-Point Theorem, Profit & Loss, Statistics, Theorems on Area, Construction of a Parallelogram whose measurement of one angle is given and equal in area of a Triangle, Construction of a Triangle equal in area of a quadrilateral, Area & Perimeter of Triangle & Quadrilateral shaped region, Circumference of Circle, Theorems on concurrence, Area of circular region, Co-ordinate Geometry - Internal and External Division of Straight Line Segment, Co-ordinate Geometry - Area of Triangular Region, Logarithm.

Quadratic Equations with one variable, Simple Interest, Theorems related to circle, Rectangular, Parallelepiped or Cuboid, Ratio and Proportion, Compound Interest and Uniform Rate of Increase or Decrease, Theorems related to Angles in a Circle, Right Circular Cylinder, Quadratic Surd, Theorems related to Cyclic Quadrilateral, Construction of circumcircle and incircle of a triangle, Sphere, Variation, Partnership Business, Theorems related to Tangent to a Circle, Right Circular Cone, Similarity, Construction of tangent to a circle, Real life Problems related to different Solid Objects, Trigonometry - Concept of Measurement of Angle, Construction - Determination of Mean Proportional, Pythagoras Theorem, Trigonometric Ratios and Trigonometric Identities, Trigonometric Ratios of Complementary angle, Application of Trigonometric Ratios - Heights & Distances, Statistics - Mean, Median, Ogive, Mode and Numerical Aptitude.

- **PHYSICAL SCIENCE (PHYSICS & CHEMISTRY) (100 Marks)**

Measurement, Force & Motion, Atomic Structure, Mole Concept, Matter – Structure and Properties, Solution, Acids, Bases & Salts, Work, Power & Energy, Sound, Heat, Separation of Components of Mixtures, Water.

Concerns about our Environment, Behaviour of Gases, Light, Periodic Table and Periodicity of the Properties of Elements, Ionic and Covalent Bonding, Chemical Calculations, Thermal Phenomena,
Current Electricity, Electricity and Chemical Reactions, Inorganic Chemistry in the Laboratory and in Industry, Metallurgy, Atomic Nucleus, Organic Chemistry and General Awareness.

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