UNIVERSITY OF KALYANI
Admission Notice: M.Tech. Course
Adv. No.01/14

Applications are invited for admission to the M.Tech. course in **Communication Engineering** (2 years, 4 semesters full time day course) of the University of Kalyani, West Bengal for the session 2014-2015.

Eligibility: B.Tech. /B.E. in Electronics & Telecommunication Engg. or Electronics & Instrumentation Engg. or Electronics & Communication Engg. or Information Technology.

Application Forms priced Rs. 300/- (cash) may be obtained from the admission section (and not by post) of Kalyani University between 11.00 a.m. and 3.00 p.m. on all working days except Saturday, Sunday and holidays, during April 03, 2014 to April 28, 2014. Reservation of seats as per Govt. rules.

Last date of submission of forms: April 28, 2014.

Sd/-
(Dr. Pinaki Chattopadhyay)
Secretary, Faculty Councils (PG)

Department of Engineering & Technological Studies

The Department of Engineering and Technological Studies(DETS) formerly known as University Science Instrumentation Centre(USIC), was established at the University of Kalyani about 35 years back by the University Grants Commission. A full time Post- Graduate course in Instrumentation (PGDI) was started at the centre in 1992 and the last batch of PGDI course was admitted in 1998.

Two 4 year B.Tech courses (approved by AICTE) one on Information Technology and another on Electronics and Instrumentation Engineering were started from the session 1999-2000. Now from the session 2010-2011 two years (4 semesters) M.Tech courses in Communication Engineering (approved by AICTE) being started.

➤ LOCATION:

 Kalyani is situated in the Southern part of Nadia District in West Bengal. The University is located near Kalyani Ghoshpara Railway Station, which is 53 kms from Kolkata. The University can conveniently be accessed by rail or road. Local trains from Sealdah to Kalyani Ghoshpara are available in every hour. Apart from Kalyani Simanta local, one can also reach Kalyani Station by Ranaghat, Shantipur, Krishnanagar and Gede local trains. A number of buses ply from Esplanade /Babughat(Kolkata) to Kalyani Ghoshpara. The University can be reached by University vehicle or cycle/van or rickshaw from Kalyani /Kalyani Ghoshpara Station. The nearest airport is Netaji Subhash Chandra Bose International Airport, which is 45 kms away from campus.

➤ ACADEMIC PROGRAMME:

At present two B.Tech courses are offered with intake 25 in each of the programs. The two courses offered are:

- B.Tech in Information Technology
- B.Tech in Electronics and Instrumentation Engineering.

Two years M.Tech course is offered with intake 10.The M.Tech course offered is:

- M.Tech in Communication Engineering.

Supervision of Ph.D. students are also done here.

➤ WORK SCHEDULE:

The University remains open for 5 days a week with Saturday and Sunday being off. Classes are scheduled from 10:30 A.M. to 5 P.M. with a break of 30 minutes from 1 P.M. to 1:30 P.M.

➤ ACADEMIC STRUCTURE:
- The duration of academic programme for B.Tech in Information Technology and Electronics & Instrumentation Engineering is of four years (Eight semesters).
- The duration of academic programme for M.Tech in Communication Engineering is two years (Four semesters).The students have to undergo a fundamental project work in last two semesters.

➤ FACULTY:

At present, the department has six well qualified and experienced full time faculty members. In addition, there are several visiting faculties also. Details are given in http://www.klyuniv.ac.in/index.php/design-and-features/layout/2014-01-31-10-48-21/engineering-technological-studies/faculty

➤ ADMISSION PROCEDURE:

Eligibility Criteria for Admission:

- For **B. Tech.** in **Electronics and Instrumentation Engineering** and in **Information Technology:** As per the Eligibility Criteria set by West Bengal Joint Entrance Examinations Board in respective year of examination.

- For **M. Tech.** in **Communication Engineering:** **Eligibility:** AICTE approved 4 years B.E./B.Tech. degree in E.C.E./E.T.C./E.I.E./I.T.

- For **Ph.D.** in **Engineering**: **Eligibility:** As per Regulation of University of Kalyani.

Entrance Examination:

- For **B. Tech.** in **Electronics and Instrumentation Engineering** and in **Information Technology:** Through counseling by West Bengal Joint Entrance Examinations Board in respective year of examination.

- For **M. Tech.** in **Communication Engineering:**

Short listing of candidates: A merit list is prepared based on the academic records as per the given weightage—

Madhyamik Pariksha or equivalent	Out of 10
Higher Secondary or equivalent	Out of 10
B.E./B.Tech. Or equivalent degree	Out of 20
GATE score	Out of 30

Departmental Admission Test and Interview: Short listed candidates will have to appear for an Admission Test organized by the department and an Interview. Marks obtained in the Admission Test out of 20 and in Interview out of 10 will be added to the marks obtained from academic records as above to compute the total marks of a candidate out of 100, based on which the final merit list will be prepared.

- **For Ph.D. in Engineering:** As per the Regulation of Doctor of Philosophy of University of Kalyani.

➤ UNIVERSITY FACILITIES:

❖ Library:

The university has a central library with a collection of about 1,75,000 numbers of text books, reference books etc. The university subscribes for about 170 Journals and magazines providing a base for enhanced learning.

❖ Internet centre:

University has a central internet centre. Students can avail the facility on payment.

❖ Guest house:

The university maintains a well furnished Guest house adjacent to Kalyani Ghoshpara station.

❖ Transport:

The university provides regular transportation facility by buses plying between Kalyani railway station and University administrative building from 10 A.M. to 5 P.M.

❖ Xerox-centre & telephone booth:

There is a paid Xerox centre and a paid telephone booth at the University campus.

❖ Communication:

All the teachers, officers and staff members of the University can be accessed through telephone connections with the help of an EPABX system. In addition we have a direct telephone line at the department.

❖ Sports & Extracurricular Facilities:

A good infrastructure for outdoor and indoor games is made available in the campus. The University has a well-equipped Gymnasium, which is maintained by Department of Physical Education of the University. University has Yoga-centre for practicing Yoga. The lush green, pollution-free surroundings of the campus itself are a source of recreation for nature lovers. Students normally take part in different types of cultural activities organized by the department of the Dean, Students 'Welfare and also Students' Union.

❖ Canteens:

Apart from the University' Central Canteen, each faculty has its own canteen where foods are served to the student at a subsidized rate.

❖ Medicare:

The University provides emergency medical services to students through full-time professional doctors and ambulance services. In addition, diagnostic and pathological services are also provided to a certain extent. Our University is an Institutional member of Students' Health Home. Students are being provided medical assistance

from the Students' Health Home; they are advised to contact University medical Officer and Dean, Students' Welfare.

❖ Hostel Facilities:

There are 5 boys' hostels and 2 girls' hostels within the University campus. But hostel accommodation is not guaranteed .Average hostel charges are Rs. 800/- per month (including seat rent).

❖ Auditorium:

Apart from the seminar hall at the centre there are 2 centralized air conditioned auditorium namely "Vidyasagar Sabhagriha" and "Acharya Prafulla Chandra Sabhakaksha" for holding seminar, Symphosia and cultural activities.

❖ Railway Concession for students:

Regular students (below the age of 25 years) are being provided home going railway concession after end semester examination and during other long holidays. Day's scholar who is travelling daily by suburban trains can also avail concession.

➢ DEPARTMENTAL FACILITIES:

A. Presently we have following laboratories:

➢ Physics	➢ Communication
➢ Electronics	➢ Computer
➢ Electrical	➢ Internet lab.
➢ Measurement	➢ Electromagnetic
➢ Microprocessor	➢ Analog & digital electronics
➢ Microwave lab.	➢ Digital communication lab.
➢ Control	➢ Microstrip

B. The workshop has following wings:

➢ Mechanical	➢ Carpentry
➢ Electrical	➢ Welding
➢ Electronics	➢ Glass Blowing

C. Research activities at present:

Broad area of our research activities are as under:

➢ Microstrip antenna
➢ Frequency selective surfaces
➢ Artificial neural network
➢ Fuzzy logic
➢ Parallel algorithms & architectures
➢ Image authentication and steganography
We have published more than 100 research papers in international journals and proceedings of conferences.

D. Library:

Apart from the Central Library, the Centre has its own Library consisting of more than 2000 text and reference books.

Documents to be produced at the time of admission:

• Proof of Date of Birth. • Caste Certificate(if applicable) • Attested copies of all mark-sheets, beginning from Secondary, Higher secondary, JEE Rank card/GATE score card. • Three passport-size photographs.

Fee Structure: (Both for B. Tech & M. Tech)	
At the time of admission (including tuition fee of 1st semester profile)	Rs 8120.00
Tuition fee per semester	Rs 6000.00
Examination fee per Semester	Rs 500.00
Cash or Bank Draft are accepted by the University	
N.B. : Bank Draft to be drawn in favour of "University of Kalyani" payable at Kalyani.	

:: For further information please contact ::

The Head, DETS, University of Kalyani, Kalyani, Nadia, West Bengal – 741235

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