

GUIDELINES FOR DOCTORAL PROGRAM _ IIITMK

Introduction

Indian Institute of Information Technology & Management – Kerala (IIITM-K) has been approved a research centre under Faculty of technology by Cochin University of Science and Technology Vide Notification No. AcB1/003710/10/IIITMK dated 12.11.2013. The Institute has been conducting Post Graduate courses and undertaking Research projects since 2000 in several advanced areas of IT. The institute provides a vibrant research environment supported by highly qualified faculty members, excellent infrastructure and facilities.

Areas of Research

Intelligent Imaging, Compressed Sensing, Computer simulation and modeling for Medical Imaging applications in addition to Image Processing /Artificial Intelligence /Machine Learning / Data Mining /Image Processing/Cryptography, Biometrics, Digital Watermarking, Cyber Forensics, Visual Surveillance/ Geo Informatics / Ecological Informatics /Remote sensing

ADMISSIONS TO DOCTORAL PROGRAM_IIITM-K

Eligibility Criteria

Students exempted from Departmental Admission Tests may be admitted at any time during the academic year on submission of applications in the prescribed form

PART TIME Registration only for permanent employees of respective institutions

Eligibility

1. For admission to the Ph.D. Programme

- i) A candidate must have a Master's degree from a recognized University with a minimum of 55% marks in qualifying examination or a minimum of CGPA of 6.0 in the 10 point scale (or an equivalent grade in similar scales). A candidate belonging to SC/ST community shall be eligible for concession upto 10% marks in the minimum eligible marks for admission.
- ii) Must have cleared the Departmental Admission test (DAT) - conducted annually – **in July/August every year** and ranked as per the norms. Applications for which need to be submitted before March every year in prescribed application form along with required fees (details in www.cusat.ac.in)

OR

- i) Secured a National/Research fellowships from Government of Kerala or Government of India/ by any agencies or by industries recognized by the University with valid score with committed financial assistance at the time of seeking admission

OR

- ii) Qualified UGC-NET Lectureship examination or

GATE/ICAR/KSCSTE/CSIR/NBHM/ICSSR

OR

- iii) Secured an M. Phil Degree from a recognized institution with specialization related to the area of research to be undertaken

OR

- iv) Foreign Students sponsored under a scholarship scheme by the Government of India for undergoing PhD program in India

OR

- v) Teachers of Universities/Aided Colleges/Government Institutions /Quasi Government recognized by Cochin University of Science and technology and scientists in National Level research Laboratories with a minimum continuous service of five years as permanent employees.

Procedure for Applying for admission (For those who are not exempted from test) along with a Research proposal prepared based on format provided

Students who wish to pursue doctoral studies in IIITM-K should forward their applications (downloadable from CUSAT website – www.cusat.ac.in) through Head of Institution, IIITM-K which will be forwarded to Head, Faculty of Technology , CUSAT .

Separate rank lists will be prepared for Part time and full time research

Application Procedure:

Duly filled application forms (downloaded from <http://www.cusat.ac.in>) complete with copies of mark sheets/certificates and other testimonials to be submitted to Indian Institute of Information Technology & Management - Kerala , IIITM-K building, Technopark Campus along with a research proposal

2.5 Selection -

a) For those Exempted from Departmental Admission test Researchers will be selected on the basis of research proposal and performance in interview. Separate rank lists will be prepared for Part time and full time students.

- b) For those who appear for Departmental Admission test

Based on Applications and research proposals submitted , concerned Faculty of Technology will call you for a Written test and Interview. Only candidates scoring 50% of marks in written test will be ranked. For SC/ST students the minimum eligibility required is 45% of marks in written test. Researchers will be selected on the basis of research proposal and performance in interview.

2.6 (A) Selection of candidates exempted from DAT

(i) The candidate shall appear for an interview before the Research Committee or Sub-committee constituted for this purpose. In case of admission for interdisciplinary/multidisciplinary research the Committee or Sub-committee shall consist of the Research Guide from the other subject who has consented to supervise the candidate.

(ii) The Committee shall assess the student based on his research proposal and award marks as per; his/her performance in the interview. The committee shall also scrutinize the academic records of the candidate, the research proposal submitted by him/her in the application, the long term plan of the academic work to be undertaken by the candidate

(iii) In case there are more than one candidate at a point of time the rank list shall be prepared following the weightage given below:

- | | |
|--|-----|
| a. Marks obtained in the Master's Degree level | 50% |
| b. Marks obtained in the interview | 50% |

iii) The admission lists and the waiting list of all eligible candidates shall be displayed on the notice boards of the respective Departments/Recognized Institutions. The rank list shall be valid till December 31st of the year.

Admission and Registration

(i) A candidate who has been ranked and recommended for admission shall take admission in the Institution within fifteen days from the date of issue of Memo after paying the required fees in the Office and fulfilling such other requirements as per the admission rules.

(ii) The DIRECTOR of the Institution shall be empowered to give an extension of time for a further period up to three months to the candidate, if so requested by the candidate and recommended by the research guide.

(iii) The Research convener of the Recognized Institution shall forward to the University a consolidated list of all those who are admitted to the Ph.D. Programme.

(iv) The University shall allot registration numbers to students admitted for the Doctoral Programme with effect from the date on which he/she was admitted to the Department/Recognized Institution concerned.

(v) The time table for the admission and registration process will be as decided by the University from time to time. The Institute will time table for the admission and registration process will be as decided by the University from time to time.