



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KOTTAYAM
(An Institution under Ministry of Education, Govt. of India governed by an Act of Parliament)
Valavoor (PO), Pala, Kottayam, Kerala - 686635

Admission to Ph.D Programme

IMPORTANT DATES

LAST DATE FOR RECEIVING APPLICATIONS	15th May 2021
WRITTEN TEST/ INTERVIEW	27th and 28th June 2021
CLASSES BEGIN	3rd Aug. 2021

Applications are invited for admission to the Doctor of Philosophy (PhD) programme starting in August 2021.

The areas in which these programmes will be offered are:

Computer Science and Engineering	Cloud Computing, IoT, Social Network Analysis, Sentimental Analysis, Graph Theory and Algorithms, Image Processing, Cryptography, Data Security, Blockchain Technology, Lightweight Cryptography(IoT), Smart Home Security, Bio-Inspired Optimization, Network Science, Wireless Sensor Networks, Data Science , Data Mining, Big Data Analytics, Machine Learning, Deep Learning, Artificial Intelligence, Parallel Computing, etc.
Electronics and Communication Engineering	Signal Processing, Image Processing, Micro/Nano-Electronics, Device Modelling-Electronic and Energy devices, Graphene Supercapacitors, VLSI and Embedded Systems, FPGA, ASIC and SoC design, Computer Architecture etc.

Categories of PhD Students

i) SCHOLARSHIP HOLDERS (FULL-TIME)

A candidate who is having INSPIRE/CSIR/UGC can apply for full-time Ph.D programme. Such candidate receives assistantship or fellowship from concerned funding agencies. The Institute does not provide any financial assistantship/fellowship to such candidates. Sponsorship letter must be attached with the application.

ii) SPONSORED (FULL-TIME)

A candidate in this category is sponsored by a recognized R&D organization, academic institution, government organization or industry or QIP candidates for doing research in the Institute on a full-time basis. The candidate must be a regular employee of the sponsoring organization with at least **one year** of professional experience in the respective field. The Institute does not provide any financial assistantship/fellowship to such a student. Sponsorship letter must be attached with the application.

iii) SELF-FINANCED (FULL-TIME)

A candidate in this category works full-time towards the PhD Programme. The Institute does not provide any financial assistantship/fellowship to such a student except teaching assistantship to a limited number, on a case to case/need basis.

iv) PART-TIME

A candidate in this category must be a regular employee of the sponsoring organization with at least one year of professional experience in the respective field and who can pursue the PhD Programme at IIIT Kottayam while continuing the duties of his/her service at the parent organisation. The Institute does not provide any financial assistantship/fellowship to such a candidate. Sponsorship letter in the prescribed format must be attached with the application

Eligibility Criteria for Admission into PhD Programme

For admission to the PhD Programme, a candidate must satisfy the following criteria:

- i) Master's degree in Computer Engineering / Information Technology / Computer Science/Computer Applications/ Electronics and Communication Engineering/Electrical Engineering or equivalent area with a minimum Cumulative Grade Point Average (CGPA) of either 6.0 in a 10-point scale or 60% of marks in appropriate branches

OR

- ii) Four-year Bachelor's degree in Computer Engineering / Information Technology/ Electronics and Communication Engineering/Electrical Engineering from any IIT's, NIT's, IIIT's / Other Institutions of National Importance with a minimum CGPA of either 7.0 in a 10-point scale or 70% of marks. Such students will be awarded both MS and PhD degree on completion of PhD Programme without any exit option during the programme.

ADDITIONAL CONDITIONS FOR CANDIDATES STILL TO APPEAR IN QUALIFYING EXAMINATIONS

Candidates still to appear in their qualifying degree examinations may also apply, provided they appear in all their qualifying degree examinations and complete all requirements for their degrees before **01-07-2021**. If selected, such candidates shall be admitted

provisionally, and they will have to furnish the results of their qualifying degree examinations **latest by 31-08-2021**. Further, they must fulfil the minimum requirements of marks/CGPA, and other conditions like valid INSPIRE/CSIR/UGC/NBHM fellowship (as may be applicable) as mentioned under eligibility criteria for respective programmes. Failure to fulfil any of these requirements shall automatically result in cancellation of admission.

APPLICATION FEE

An application fee of Rs.1000/- for general/OBC and Rs 500/- for SC/ST/PWD/Female candidates will have to be paid through State Bank Collect.

SELECTION CRITERIA

Selection of the candidate will be based on the performance in the written test and /or interview. Appearing for test and /or interview does not entitle any candidate for admission to the Ph.D. programme.

Registrar