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Admissions Process and Practice Statement for Post Graduate programs (PG)

For admissions to the PG programs of the Academic Year 2021-22

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1. Objectives

This document lays down the policies for admissions to all post-graduate (PG) programs for 2021-22.

APPS (PG) 2021-22 applies to the following academic programs:

- Master of Technology (M.Tech.) in Information and Communication Technology
- Master of Technology (M.Tech) in with Specialization in Wireless Communication and Embedded Systems
- Master of Science (M.Sc.) in Information Technology
- Master of Science (M.Sc.) in Data Science
- Master of Design (M. Des.) in Communication Design
- Doctor of Philosophy (Ph.D.) in Information and Communication Technology & allied disciplines, Mathematical & Computational Sciences, Humanities & Social Sciences.

2. Masters Level Post Graduate Programs

2.1 Master of Technology in Information and Communication Technology with specialization- M. Tech. (ICT) with specialization

M.Tech. (ICT) is a full-time two-year (four semesters) program, which focuses on a particular choice of specialization while encouraging interdisciplinary study and research. **The following four specializations are on offer: (a) Machine Learning, (b) Software Systems, (c) Signal Processing & Machine Learning, and (d) VLSI & Embedded Systems.**

2.1.1 Program Overview

Master of Technology in Information and Communication Technology - M.Tech. (ICT) is a full-time two-year (four semesters) program. The program has been specially designed to meet the increasing needs of professionals who would be able to respond to the convergence between computers and communication systems. The program aims to provide exposure to students who wish to build a professional career in ICT, working at the intersection of technology, research, and development. The Program curriculum includes four specializations tracks that provide a strong foundation and advanced courses in each track. This program tries to leverage the strength and diversity of our faculty and currently offers the following specialization tracks:

- Machine Learning
- Software Systems
- Signal Processing & Machine Learning
- VLSI and Embedded Systems

The specializations offered by this Program are different in a qualitative way from the specializations offered in other institutions. Apart from courses, students are required to pursue one full year (two semesters) of research under the guidance of a faculty advisor and submit a master's thesis in order to obtain the degree of M.Tech. (ICT) specializing in the respective track. On successful completion of the program, the students will be able to acquire essential technical and practical knowledge for solving real-world problems in the ICT domain using modern technologies and tools and will have the ability to demonstrate excellent analytical and logical problem-solving skills which may bridge the digital divide between urban and rural worlds.

2.1.2 Program Structure

The Program requires every student to take Program core courses and a minimum number of Specialization core courses and elective courses out of the courses available in the different specialized areas and to submit a thesis based on the research work done by the student. Program Core courses are foundational and compulsory to all students.

Specialization core courses will provide breadth as well as depth in acquiring domain knowledge in respective specialization. Subsequently, the student will have an adequate choice of electives in order to dwell deeper into areas of her/his research interest, or go beyond one's own specialization. In the second year, a student will also pursue research for one year (two semesters), leading to a master's thesis. The detailed Program structure, Program core courses, Specialization core courses, and Elective courses can be found here

2.1.3 Intake

Number of seats: 90 (see distribution below)

Admission will be through two channels from 2021 i.e. GATE and Non-GATE. The possession of a valid GATE score in a discipline specific to the specialization is mentioned in the following table along with seat distribution:

Specialization	GATE Discipline	Seats through GATE*	Seats through Non-GATE	Total Number of seats in Thesis Mode
Machine Learning	CS/EC/EE/	24	8	**32**
Software Systems	CS	20	6	**26**
Signal Processing & Machine Learning	ECE	12	4	**16**
VLSI and Embedded Systems	EC/EE	12	4	**16**
Total		**68**	**22**	**90**

*Note from Admissions Committee Convenor: we are admitting more students in anticipation that several students might withdraw later as it happened in the past. This issue here is about how we choose to implement the policy. There is however no change in the intake status which reflects our policy. The intake remains as it stands and therefore no change should be made in the APPS table. We should only add a supplementary note at an appropriate location in the APPS to the effect that we have admitted so many students under ML and SS specializations anticipating desertions and exits.

*10 students are admitted more to ML and SS specialization.

Note: Applicants can apply for admissions through one of the channels only, i.e., either through GATE or NON-GATE.

2. The institute can also admit a few candidates sponsored by the organization / institute with which DA-IICT has signed a MoU satisfying the admission criteria of the MTech program specified in the MoU.

2.1.4 Eligibility

2.1.4.1 Specialization wise Educational qualifications

Machine Learning
Software Systems

GATE Qualified candidates

- A candidate with a qualifying degree in any one of the following:
    - BE/BTech (CS/IT/EL, ECE, Electrical, Instrumentation)
    - M.Sc. degree in Computer Science / Electronics / Mathematics / Physics / Statistics.
    - M.S./M.Sc. degree of DA-IICT.
    - M.C.A. degree (3 year program)

- The aggregate marks in the qualifying degree should not be less than 60% or equivalent as per the norm set by the degree awarding Institute/University.

Non-GATE Qualified candidates

- MSc (CS), MCA, BE/BTech (CS, IT, CSE) with 1st class (min 65%)

- The aggregate marks in the qualifying degree should not be less than 65% or equivalent as per the norm set by the degree awarding Institute/University.

Signal Processing and Machine Learning
VLSI & Embedded Systems

GATE Qualified candidates

- A candidate with a qualifying degree in any one of the following:
    - BE/BTech (CS/IT/EL, ECE, Electrical, Instrumentation), MSc (Electronics)

- The aggregate marks in the qualifying degree should not be less than 60% or equivalent as per the norm set by the degree awarding Institute/University.

Non-GATE Qualified candidates

- MSc (Electronics), BE/BTech (ECE/EE/EL) with 1st class (min 65%)

- The aggregate marks in the qualifying degree should not be less than 65% or equivalent as per the norm set by the degree awarding Institute/University.

Candidates appearing in their final degree examination and expecting to complete it by July 2021 may also apply. However, their final admission will be subject to the condition that they obtain an aggregate of marks required based on mode of admission i.e. GATE/Non-GATE, or its equivalent as per the norms set by the degree granting Institute/University. All admitted candidates have to submit their degree certificates or proof of completion of degree, before 30 October 2021 failing which their admission is liable to cancellation.

2.1.4.2 Selection Procedure

Admission to M. Tech. (ICT) with specialization SS, ML, VLSI and SPML will admit candidates through two channels from this year: GATE and NON-GATE.

Candidates who have a valid GATE score in the disciplines of **Electronics & Communication Engineering** (EC), **Electrical Engineering** (EE), **Computer Science and Information Technology** (CS), only can apply. The ranking of candidates with GATE score of 425 or above will be on the basis of GATE score only. The candidates with GATE score less than 425 may be required to appear for an interview at DA-IICT in person. Ranking of such candidates will be based on the GATE score and performance in the interview.

Non-GATE candidates selection will be based on their qualifying degree and performance in the interview. Weightage will be as follows:
>   40% weightage -> qualifying degree
>   60% weightage-> interview

The candidates can give up to **two** preferred specializations based on their eligibility conditions. Counseling for allotment of the specialization will be done online. Applicants are advised, from the date of announcement of first merit list, to check for e-mail communications from the Institute to learn about the admission status and steps they need to take to continue with the counseling process.

Note: At the time of finalisation of admissions, it is likely that some of the Universities in the country would not have announced the final year results of the qualifying degrees prescribed for admissions. In such cases, 40% weightage in qualifying degree will be assigned to the aggregate marks obtained in all the previous University examinations of the qualifying degree. However, if the applicant fails to receive 65% aggregate marks in the qualifying degree after announcement of final year results, her/his admission will stand discontinued forthwith and no representation/appeal will be entertained.

2.1.4.3 Age
There is no age limit applicable to this programme.

2.1.4.4 Category

There is no SC/ST/OBC/Physically challenged/Women quota or reservation of any kind for admission to PG programs at DA-IICT. All PG admissions are strictly merit based and are in the open category.

2.1.5 Fees Structure*

At the time of admission an amount of Rs. 84, 500/- (Rs.64, 500/- towards Tuition Fee for the First Semester and Rs.20,000/- towards Caution Deposit) is to paid. The registration fee is payable at the time of registration and hostel rent on allotment of the hostel room.

Tuition fee	Rs. 64,500 per Semester
Registration Fee	Rs. 2,500 per Semester
Caution Deposit	Rs. 20,000 (Refundable at the end of the program)
Hostel Rent	Rs. 20,000 to Rs. 22,000 per semester depending upon the hostel block in which the room is allotted
Food	On actuals. There are multiple food options available in the campus (The expense will be approximately Rs. 5,500 per month)

*Subject to revision

2.1.6 Financial Assistance

All GATE admitted students would be eligible for a monthly stipend of Rs. 12400/- in the form of Teaching Assistants in the first semester. In subsequent semesters, the continuation would depend on their satisfying the academic requirements.

NON-GATE candidates will not be eligible for TAship and stipendiary benefits.

2.1.7 Refund Policy

The refund policy for the withdrawing candidates will be in accordance with the UGC/AICTE rules.

2.1.8 Application Procedure and Selection Process

- Submit online application form by clicking on the link given below. Application fee (non-refundable) is Rs. 1200/- plus GST@ 18%. (Rupees One thousand two hundred only). **Click here to apply online.**
- The Candidate has to satisfy the eligibility criteria in order for her/his application to be considered for admission.
- For GATE qualified candidates the merit list for admission will be prepared on the basis of GATE score and/or personal interview of candidates applying for admission. Counseling for allotment of specialization will be done online.
- For Non-GATE qualified candidates the merit list for admission will be prepared based on the weightage on qualifying degree and interview.
- The candidates who have accepted admission offers will be notified to appear for registration, followed by counseling, document verification, and on confirmation of admission, the orientation program.
- Counseling will be done online. Applicants are advised, from the date of announcement of first merit list, to check for website to know about the specialization allotted to them and the steps they need to take to continue with the counseling process.

2.1.8 Important Dates for M Tech (ICT) admissions (Tentative)

Online application website opens	19 March 2021
Last date for submission of online applications	14 June 2021
Announcement of first merit list for Admissions	21 June 2021
Commencement of academic session	TBD

2.1.9 Choice of Specializations

- Candidates are requested to carefully go through the curriculum of the individual specializations before filling their choice(s) of specialization. Once the form is submitted, the candidates will not be allowed to change their choice.
- The candidates can specify up to two choices of specialization depending on their eligibility. If the candidate is offered admission in his/her second choice of specialization, he/she remains in the wait-list in his/her first choice of specialization, till the admission process is closed. If the candidate is offered admission in his/her first choice of specialization, he/she does not remain in the wait-list in his/her second choice of specialization.
- Once the admission process is closed, at no point of time in the program will the specialization be allowed to change.

2.2 M.Tech. in (CS-ML) in collaboration with C.R.Rao Advanced Institute of Mathematics, Statistics and Computer Science (C. R. Rao AIMSCS), Hyderabad – Admissions

M.Tech. (CS-ML) is a full-time two-year (four semesters) program. This program is offered jointly by CR Rao Advanced Institute of Mathematics, Statistics and Computer Science (AIMSCS), Hyderabad and DA-IICT where the Degree will be awarded by the DA-IICT. The students admitted to the program would study their first two semesters at DA-IICT. They will have an option to pursue the studies of the third and the fourth semester either at DA-IICT or at CR Rao AIMSCS, Hyderabad based on their research interest. The Third semester would be primarily consisting of the M.Tech. thesis preliminaries with a maximum of one course to study.

2.2.1 Program Overview

The MTech (CS-ML) is a full-time two-year (four semesters) program. The program has been specially designed to meet the increasing need for the professionals who would be able to respond to the convergence between communication systems and machine learning. This program is designed with following objectives:

- to educate and train the students who can contribute to advanced communication systems (including 5G and next generation wireless systems), the advanced machine learning technologies and the confluence of these two.

- to develop research projects on communication systems and machine learning in collaboration with the industry and R&D organizations.

- to apply machine learning techniques in communication systems and beyond.

The students will be required to spend the first two semesters at DA-IICT campus at Gandhinagar, where they will take the core and elective courses. For the thesis work, the students based on their research interest can carry on the research work at DA-IICT or at CR Rao AIMSCS.

2.2.2 Program Structure

The Program requires every student to take four core courses and one elective in the first semester, three core courses and two electives in the second semester, and one elective subject in the third semester. The core courses are mandatory. For electives, the student will have an adequate choice of electives in order to dwell deeper into areas of her/his research interest, or go beyond one's own specialization. The students are requires to pursue a 6-week summer research or industrial internship after completion of their second semester and before the start of their third semester. In the second year (third and fourth

semester), a student will also pursue research (over the third and the fourth semesters), leading to a master's thesis.

The students admitted to the program would study their first two semesters at DA-IICT. They will have an option to pursue the studies of the third and the fourth semester either at DA-IICT or at CR Rao Institute based on their research interest.

The detailed program structure, including the core courses, and elective courses can be found here.

2.2.3 Intake

Number of seats: 18 (see distribution below)
Number of seats: 18 (regular)+ 5 (sponsored)= 23

Admission will be through two channels from 2021 i.e. GATE and Non-GATE. Possession of a valid GATE score in a discipline specific to the specialization is mentioned below alongwith seat distribution.

GATE Discipline	Seats through GATE	Seats through Non-GATE	Total Number of seats
ECE	13	5	18

Note: The institute can also admit a few candidates sponsored by the organization / institute with which DA-IICT has signed a MoU satisfying the admission criteria of the MTech program specified in the MoU.

2.2.4 Eligibility

GATE Qualified candidates

- A candidate with a qualifying degree in any one of the following:
  - BE/BTech (ECE),

The aggregate marks in the qualifying degree should not be less than 60% or equivalent as per the norm set by the degree awarding Institute/University.

Non-GATE Qualified candidates

- MSc (Electronics), BE/BTech (ECE) with 1st class (min 65%)

- The aggregate marks in the qualifying degree should not be less than 65% or equivalent as per the norm set by the degree awarding Institute/University.

Note: Applicants can apply for admissions through one of the channels only, i.e., either through GATE or NON-GATE.

Sponsored Candidates

- A candidate with a qualifying degree with 1st class or its equivalent with consistent good records in any one of the following:
  o BE/BTech (ECE),
- Minimum 2 years of work experience in Government organizations and/or PSUs

Sponsored Candidates are from the Institutes that have Memorandum of Understanding (MoU) with DA-IICT or CR Rao AIMSCS, or from government organizations, Indian research and development Institutes or leading PSUs.

Candidates appearing in their final degree examination and expecting to complete it by July 2021 may also apply. However, their final admission will be subject to the condition that they obtain an aggregate of marks required based on mode of admission i.e. GATE/Non-GATE, or its equivalent as per the norms set by the degree granting Institute/University. All admitted candidates have to submit their degree certificates or proof of completion of degree, before 30 October 2021 failing which their admission is liable to cancellation.

2.2.4.1 Selection Procedure

Admission to M. Tech. (CS-ML) will admit candidates through two channels from this year: GATE and NON-GATE.

Candidates who have a valid GATE score in the disciplines of **Electronics & Communication Engineering** (EC) only can apply. Final selection of these candidates will be based on personal interview of the shortlisted candidates.

The Non-GATE candidates selection will be based on their qualifying degree and performance in the interview. Weightage will be as follows:

    40% weightage -> qualifying degree
    60% weightage-> interview

Note: At the time of finalisation of admissions, it is likely that some of the Universities in the country would not have announced the final year results of the qualifying degrees prescribed for admissions. In such cases, 40% weightage in qualifying degree will be assigned to the aggregate marks obtained in all the previous University examinations of the qualifying degree. However, if the applicant fails to receive 65% aggregate marks in

the qualifying degree after announcement of final year results, her/his admission will stand discontinued forthwith and no representation/appeal will be entertained.

2.1.4.2 Age
There is no age limit applicable to this programme.

2.2.4.3 Category
There is no SC/ST/OBC/Physically challenged/Women quota or reservation of any kind for admission to PG programs at DA-IICT. All PG admissions are strictly merit based and are in the open category.

2.2.5 Fees Structure*
At the time of admission an amount of Rs. 84, 500/- (Rs.64, 500/- towards Tuition Fee for the First Semester and Rs.20,000/- towards Caution Deposit) is to paid. The registration fee is payable at the time of registration and hostel rent on allotment of the hostel room.

Tuition fee	Rs. 64,500 per Semester
Registration Fee	Rs. 2,500 per Semester
Caution Deposit	Rs. 20,000 (Refundable at the end of the program)
Hostel Rent	Rs. 20,000 to Rs. 22,000 per semester depending upon the hostel block in which the room is allotted
Food	On actuals. There are multiple food options available in the campus (The expense will be approximately Rs. 5,500 per month)

*Subject to revision

2.2.6 Financial Assistance

All GATE admitted students would be eligible for a monthly stipend of Rs. 12400/- in the form of Teaching Assistants in the first semester. In subsequent semesters, the continuation would depend on their satisfying the academic requirements.

NON-GATE candidates will not be eligible for TAship and stipendiary benefits.

2.2.7 Refund Policy

The refund policy for the withdrawing candidates will be in accordance with the UGC/AICTE rules.

2.2.8 Application Procedure and Selection Process

- Submit online application form by clicking on the link given below. Application fee (non-refundable) is Rs. 1200/- plus GST@ 18%. (Rupees One thousand two hundred only). **Click here to apply online.**
- The Candidate has to satisfy the eligibility criteria in order for her/his application to be considered for admission.
- For GATE qualified candidates the merit list for admission will be prepared on the basis of personal interview of the candidates applying for admission. Counseling for allotment of specialization will be done online.
- For Non-GATE qualified candidates the merit list for admission will be prepared based on the weightage on qualifying degree and interview.
- The candidates who have accepted admission offers will be notified to appear for registration, followed by counseling, document verification, and on confirmation of admission, the orientation program.
- Counseling will be done online. Applicants are advised, from the date of announcement of first merit list, to check for e-mail communications from pg_admissions@daiict.ac.in to know about the specialization allotted to them and the steps they need to take to continue with the counseling process.

2.2.8 Important Dates for M Tech (CS-ML) admissions (Tentative)

Online application website opens	08 March 2021
Last date for submission of online applications	14 June 2021
Announcement of first merit list for Admissions	21June 2021
Commencement of academic session	TBD

2.3 Master of Science (Information Technology) – M.Sc. (IT)

2.3.1 Program Overview

The Master of Science (Information Technology) is an intensive two year post-graduate program (4 semesters) designed for students who wish to pursue a professional career in Information Technology. The courses are carefully designed to guide the students through basic concepts to the current practices in industry. Hands-on Laboratory experience is emphasized at every stage of the Program. In the last semester, the students are required to carry out an industry internship. At the end of the Program, it is expected that the students attain a sound theoretical foundation; an ability to analyze, conceptualize and design systems; and competency in modern software design and development tools. A typical graduate in IT at DA-IICT can expect to build a career as a software engineer, an analyst or a system designer.

2.3.2 Program Structure

The M.Sc. (IT) Program follows a full time four-semester pattern and the curriculum consists of three semesters of course work followed by a one-semester project work on a specified topic. There is also a summer internship of duration of four weeks that students need to take up after the second semester and before the start of third semester. The detailed Program structure, Program core courses, specialization core courses and elective courses can be found here <hyperlinked https://www.daiict.ac.in/course/master-of-science-information-technology/ >.

2.3.3 Intake

Total seats: **120**

2.3.4 Eligibility

2.3.4.1 Educational qualification

A Bachelor's degree holder from a recognized University in any stream with an aggregate of 60% marks, or its equivalent **as per the norms set by the degree granting institute/university,** in the qualifying degree examination is eligible to apply. Candidates appearing in their final Degree examination and expecting to complete it by July 2021 may also apply. However, their final admission will be subject to the condition that they obtain an aggregate of 60% marks, or its equivalent as per the norms set by the degree granting institute/university. All admitted candidates have to submit their degree certificates or proof of completion of Degree, before 30th October 2021 failing which their admission is liable to cancellation.

The decision of the concerned authorities of DA-IICT regarding eligibility of any candidate shall be final.

2.3.4.2 Age
There is no age limit applicable to this program.

2.3.4.3 Category
There is no SC/ST/OBC/Physically challenged/Women quota or reservation of any kind for PG admissions at DA-IICT. All PG admissions are strictly merit based and in open category.

2.3.5 Fees Structure*

At the time of admission an amount of Rs. 1,05,000/- (Rs. 85,000/- towards Tuition Fee for the First Semester and Rs.20,000/- towards a Caution Deposit) - The registration fee is payable at the time of registration and hostel rent on allotment of the hostel room.

Tuition fee	Rs.85,000 per Semester
Registration Fee	Rs. 2,500 per Semester
Caution Deposit	Rs. 20,000 (Refundable at the end of the program)
Hostel Rent	Rs. 20,000 to Rs. 22,000 per semester depending upon the hostel block in which the room is allotted
Food	On actuals. There are multiple food options available in the campus (The expense will be approximately Rs. 5,500 per month)

Subject to revision

2.3.6 Education Loan
The Institute will facilitate the students to avail educational loan from selected Banks. The bank officials will be present on campus at the time of registration of admitted students so as to enable the students to obtain details on procedures and terms and conditions of the loan. The students can also avail loan from banks of their choice and in either of the case; the Institute will extend support in completing the loan documentation process.

2.3.7 Refund Policy
The refund policy for the withdrawing candidates will be in accordance with the UGC/AICTE rules.

2.3.8 Selection Process

The candidates are selected through an entrance test to be conducted at selected centers all over the country. The tentative list of centers is: DAIICT Gandhinagar, Ahmedabad, Bhopal, Hyderabad, Jaipur, Kolkata, New Delhi, Pune, Rajkot, Surat and Udaipur. The final merit list for admission will be prepared on the basis of the aggregate score in the entrance test.

NOTE: **In view of the emerging pandemic situation of the COVID-19, if conditions are not favorable an online proctored test will be administered in place of the computer based test. The candidates will be informed well in advance.**

In online proctored mode, the candidate will be remotely administered the test at any location of his/her choice. While proctoring online, the candidates will be monitored by a software assisted mechanism. This is a browser based test through a URL facilitated by a strict authentication process. The candidates will be assigned a fixed time slot on the day of the test. The entire test will be constantly monitored for any suspicious activity using advanced video and audio analytics. While the candidate takes the test, a qualified proctor monitors the candidates, the audio-video, and screen and shares feeds in real time throughout the duration of the test. System requirements for online proctored test would be a working computer system (Desktop or Laptop) with webcam and mic. A stable internet connection with minimum upload speed of => 512 kbps and updated web browsers chrome or firefox.

Entrance Test

The test will evaluate the candidates on their mathematical aptitude, logical reasoning, basic programming, English Comprehension.

Exam Duration: 90 minutes

Pattern: Multiple-choice answers.

Weightage: sectional weights are as given below:

Mathematics (10+2 standard)	30%
Quantitative aptitude and Logical Reasoning	20%
C Programming	30%
English Comprehension	20%

Negative Marking: There will be no section wise cutoffs.

Exam Syllabus:

Mathematics (10+2 standard): Mathematics (10+2 standard): Algebra - Fundamental operations in Algebra, Expansion, factorization, simultaneous linear/quadratic equations,

logarithms, arithmetic, geometric and harmonic progressions, binomial theorem; Basic Discrete Mathematics - Functions, Sets and Relations; Permutations and combinations, Mathematical Induction, and Basic Probability; Calculus – Limits, Differentiation, and simple examples of maxima and minima.

Quantitative Aptitude and Logical Reasoning: Questions drawn from Mathematics upto 10th standard and logical reasoning.

C Programming: Basic Data Types, Language Control Structures, Arrays, Functions, Pointers, Dynamic Allocation of Memory, Structs, Recursion, Parameter passing and Scope.

English comprehension.

2.3.8 How to apply

- Candidates submit online application by clicking on the link given below. Application fee (non-refundable) is Rs. 1200/- plus GST@ 18%. (Rupees One thousand two hundred only). **Click here to apply online** (Link to update/check).

- The Candidate has to satisfy the eligibility criteria in order for her/his application to be considered for final admission.

- Eligible Candidates have to appear for Entrance Test conducted at selected centers in the country. The online application procedure will guide you through the necessary procedures for application fee payment, registering for entrance test, choosing test center.

- Final merit list for admission is prepared based on the aggregate score in the entrance test. The top 90 scorers are offered confirmed admission and there will be a waitlist. The candidates who have been offered confirmed admission will be given five days' time to accept the admission offer by paying the relevant fees. If a candidate fails to pay the fees within the stipulated period, the offer of admission will stand withdrawn and the eligible candidate on the waiting list will be offered admission and she/he will be given five days' time to pay the fees and accept the offer of admission.

- The candidates who have accepted admission offers will be notified to appear for registration, followed by counseling, document verification, payment of fees and on confirmation of admission, the orientation program.

2.3.9 Admission Offer

Final merit list of confirmed and wait-list candidates based on their performance in the entrance examination will be posted on the website of Institute. Offer/intimation letter for admission will be sent by the Admission committee through post and/or email to candidates accordingly.

In case of tie, the marks in Information Technology section and logical ability section in the entrance examination will be considered in order to break the tie. If the tie still remains, then the marks in 10+2 and 10th Examination, will be given consideration in order to break the tie.

2.3.10 Important Dates for M.Sc. (IT) admissions (Tentative)

Online application website opens	08 March 2021
Last date for submission of online applications	31 May 2021
Entrance test (tentative)	19 June 2021
Announcement of Merit List (tentative)	28 June 2021
Commencement of academic session	TBD

2.2.11 M.Sc. IT exam (For Internal use only)

The test will evaluate the candidates on their mathematical aptitude, logical reasoning, basic C programming skills, English Comprehension. M.Sc. (IT) exam will have **60 objective type** questions and the total time allowed will be 90 minutes. The distribution of questions/weights among 4 sections will be:

Mathematics (10+2 standard)	Weightage 30% (18/60 questions)
Quantitative aptitude and Logical Reasoning	Weightage 20% (12/60 questions,)
C Programming	Weightage 30% (18/60 questions)
English Comprehension	Weightage 20% (12/60 questions)

- Each question will be followed by 5 answer options. The last option will be None of the above.

- The correct answers for each question will be awarded 4 marks while **each incorrect answer will be assigned a negative mark of -1.**

- Each section will have 1/3 easy, ½ medium and 1/6 questions of hard difficulty level.

- There will be no section wise cutoffs.

2.4 Master of Science (Data Science) – M.Sc. (DS)

Master of Science in Data Science - M.Sc. (DS) is a full-time two-year (four semesters) program. The primary objective of the M.Sc. in Data Science program is to develop skilled professional workforce that is prepared to address the increasing needs in the rapidly expanding area of big data analytics. The program aims to provide skills in quantitative data analysis, data mining, data modeling and prediction, data storage and management, big data processing, data visualization, multimedia big data, programming and communication skills.
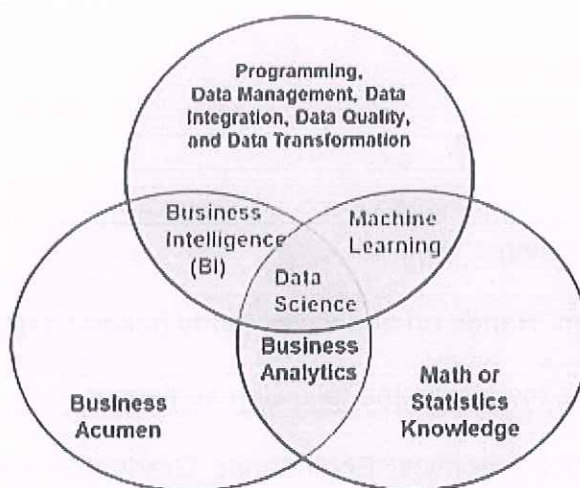
2.4.1 Program Overview

Data science is a "concept to unify statistics, data analysis, machine learning and their related methods" in order to "understand and analyze actual phenomena" with data. In other words, the detailed study of the flow of information from structured and unstructured data available with an organization is called data science. It primarily involves obtaining the meaningful insights from the data which is processed through analytical study. The current era is becoming a digital space where each organization deals with large amount of structured and unstructured data on a daily basis. Evolving technologies are leading to cost saving solutions for storage and analysis of such large data. In the current era, for the career progression, one needs to understand the language of data through analytical skill. Hence, it is absolutely necessary nowadays, to develop manpower with a skill to perform data analysis to get meaningful information from the data of different domains such as banking and finance, insurance, agriculture, healthcare, retail, education, social media, manufacturing, transportation, entertainment and so on. As reported recently, with nearly 100,000 vacancies, India is the second biggest data analytics jobs hub after the US and demand for data science skill sets is increasing at a very fast pace.

The field of data science has witnessed an immense growth in recent years particularly due to the rise of internet and social media. The exploration of data science by the business world initially started with analysis of business data and hence emphasis was given for financial data analytics. With the increase of multimedia data such as image, video, audio and text, each domain as mentioned above, many a times needs to perform analysis of such multimedia big data. Hence the study of data science includes analysis of multimedia data along with other types of data such as business data and unstructured social media data. In our daily life, now we are capturing data from sources such as i) sensors used in various places like agricultural fields, shopping malls, ii) posts on social media, iii) digital images and videos captured in cell phones and iv) purchase transactions made through e-commerce. Analysis of such big data which could be multimodal in nature is a huge challenge. Modern technologies in the areas of artificial intelligence (AI) and machine learning (ML) are now extensively used to get insights of such big data.

With the availability of modern technologies of data storage, cleaning and computing, the study of data science expanded beyond the boundaries of mathematics and statistics. In modern days the study of data science is constituted with the knowledge of mathematics, statistics and computer science. Data science brings together a lot of skills of these

disciplines with adequate domain knowledge to help any organization find ways to i) take major business decisions, ii) reduce costs, iii) get in to new markets, iv) launch a new product or service, v) find the sentiment of the customers, vi) recruiting the best talent and so on.

With all these in mind, our new master's program in Data Science starting July 2020, will not only include traditional data analysis skills but also incorporates other crucial skills to perform multimedia and big data analysis.The courses will focus on acquiring fundamental knowledge of mathematics, statistics and computer science. The curriculum will also include domain specific knowledge by incorporating courses in multimedia, business and finance. Techniques such as data processing, database management, machine learning along with tools such as Python, R and SAS are also included to enhance the technical and analytical skills. SAS based training to be imparted during the program encompasses building basic skills in analytical programming, advanced skills in data integration, machine learning, deep learning, artificial intelligence and big data visualization. SAS has variety of tools and applications that are part of the curriculum which enables students with industry ready skills. The SAS based courses are offered in mini project, outcome-oriented workshop mode to make the students hands-on with the challenges of data science. MSc. in Data Science program has been designed to provide students with a strong foundation in data management and analysis, and the necessary skills to succeed in data-analytics related job.

Detailed program structure can be found here <hyperlinked https://www.daiict.ac.in/course/m-sc-ds/ >.

After successfully completing the SAS global exams (III-V) mentioned above, a student will be awarded the following certification:

SAS Certified Professional : AI & Machine Learning

More details regarding the SAS certifications can be found here:

https://www.sas.com/en_in/certification.html

Degree Name: MSc. in Data Science

Duration: 2 Years (Four Semesters)

Characterization of the Program: Intersection of Mathematics, Statistics, Programming, Big-Data and Machine Learning

Uniqueness of the Program: Hands on and Case Study based Program

The program primarily aims to cater to the following audience:

1. Traditional Science/ Economics/ Engineering Graduates with good mathematical aptitude, basic programming skills and inclination towards data science.

2. Professionals in the workplace who wish to improve their skills for the emerging jobs in data-science related fields

2.4.2 Program Objective

The primary objective of the MSc. in Data Science program is to develop skilled professional workforce that is prepared to address the increasing needs in the rapidly expanding area of big data analytics. The program aims to provide skills in quantitative data analysis, data mining, data modeling and prediction, data storage and management, big data processing, data visualization, multimedia big data, programming and communication skills.SAS based courses/ training and a large number of practical case studies have been integrated in the program to boost the learner confidence and market acceptability. The program also enables the students to obtain SAS global certification in many fields and the skills can be ratified and showcased through SAS international certification badges.

2.4.3 Intake
Total seats: **60**

2.4.4 Eligibility

2.4.4.1 Educational qualification
- A Bachelor's degree in Science from a recognized university with an aggregate of 60% or its equivalent **as per the norms set by the degree granting institute/university** in Statistics, Mathematics, Physics, Computer Science, Economics, Econometrics and Operational Research **OR**

- A Bachelor's degree Engineering or Technology from a recognized University with an aggregate of 60% or its equivalent **as per the norms set by the degree granting institute/university** in Computer Science, Information Technology and Electronics/Electronics and Communication/Electrical Engineering.

- Candidates with BCA and BSC (IT) degrees can also apply.

Candidates appearing in their final Degree examination and expecting to complete it by July 2021 may also apply. However, their final admission will be subject to the condition that they obtain an aggregate of 60% marks, or its equivalent as per the norms set by the degree granting institute/university. All admitted candidates have to submit their degree certificates or proof of completion of Degree, before 30 October 2021 failing which their admission is liable to cancellation.

The decision of the concerned authorities of DA-IICT regarding eligibility of any candidate shall be final.

2.4.4.2 Age
There is no age limit applicable to this program.

2.4.4.3 Category
There is no SC/ST/OBC/Physically challenged/Women quota or reservation of any kind for PG admissions at DA-IICT. All PG admissions are strictly merit based and in open category.

2.4.5 Fees Structure*

At the time of admission an amount of Rs. 1,95,000/- (Rs. 1,75,000/- towards Tuition Fee for the First Semester and Rs. 20,000/- towards a Caution Deposit) - The registration fee is payable at the time of registration and hostel rent on allotment of the hostel room.

Tuition fee	Rs. 1,75,000 per Semester**
Registration Fee	Rs. 2,500 per Semester
Caution Deposit	Rs. 20,000 (Refundable at the end of the program)
Hostel Rent	Rs. 20,000 to Rs. 22,000 per semester depending upon the hostel block in which the room is allotted.
Food	On actuals. There are multiple food options available in the campus (The expense will be approximately Rs. 5,500 per month)

Subject to revision

** Tuition Fee includes the cost of on-campus SAS based training to be imparted primarily during winter/ summer breaks by Faculty from SAS/ industry experts and one attempt of 5 global certifications (to be held in the institute worth USD 900) in the framework of SAS – DA-IICT academic partnership.

2.4.6 Refund Policy

The refund policy for the withdrawing candidates will be in accordance with the UGC/AICTE rules.

2.4.7 Selection Process

There will be two components to the process: (1) a computer based entrance test and (2) an interview. The entrance test will carry 50% weightage and the interview 50% weightage.

The candidates are shortlisted for the interview on the basis of an entrance test to be conducted at selected centers all over the country. The tentative list of centers is: DAIICT Gandhinagar, Ahmedabad, Bhopal, Hyderabad, Jaipur, Kolkata, New Delhi, Pune, Rajkot, Surat and Udaipur.

Interview will be held for the shortlisted candidates based on their performance in the entrance test.

The final merit list for admission will be prepared on the basis of the scores obtained in the entrance test and interview.

NOTE: **In view of the emerging pandemic situation of the COVID-19, if conditions are not favorable an online proctored test will be administered in place of the computer based test. The candidates will be informed well in advance.**

In online proctored mode, the candidate will be remotely administered the test at any location of his/her choice. While proctoring online, the candidates will be monitored by a software assisted mechanism. This is a browser based test through a URL facilitated by a strict authentication process. The candidates will be assigned a fixed time slot on the day of the test. The entire test will be constantly monitored for any suspicious activity using advanced video and audio analytics. While the candidate takes the test, a qualified proctor monitors the candidates, the audio-video, and screen and shares feeds in real time throughout the duration of the test. System requirements for online proctored test would be a working computer system (Desktop or Laptop) with webcam and mic. A stable internet connection with minimum upload speed of => 512 kbps and updated web browsers chrome or firefox.

Entrance Test

The test will evaluate the candidates on their mathematical aptitude, logical reasoning, and basic programming.

Pattern: Multiple choice questions (MCQ) from four sections – Mathematics, Statistics, basic Computer Science (programming) and Quantitative Aptitude.

Exam Duration: 90 minutes

Weightage: All questions will carry equal weightage.

Negative Marking: The correct answers for each question will be awarded 4 marks; each incorrect answer will be assigned a negative mark of -1. There will be no section wise cutoffs.

Exam Syllabus:

The detailed syllabus can be found here (syllabus.pdf).

Sample Question Paper:

A sample question paper can be found here (sample-question.pdf).

2.4.8 How to apply

- Candidates submit online application by clicking on the link given below. Application fee (non-refundable) is Rs. 1200/- (Rupees One thousand two hundred only). **Click here to apply online (Link to be updated)**

- The Candidate has to satisfy the eligibility criteria in order for her/his application to be considered for final admission.

- Eligible Candidates have to appear for a computer based entrance test followed by interview.

- Final merit list is prepared on the basis of the aggregate score of the entrance test and the interview. The top 60 scorers will be offered confirmed admission. There will also be a waitlist. The candidates who have been offered confirmed admission will be given five days' time to accept the admission offer by paying the relevant fees. If a candidate fails to pay the fees within the stipulated period, the offer of admission will stand withdrawn and the eligible candidate on the waiting list will be offered admission and she/he will be given five days' time to pay the fees and accept the offer of admission.

- The candidates who have accepted admission offers will be notified to appear for registration, followed by counseling, document verification, payment of fees and on confirmation of admission, the orientation program.

2.4.9 Admission Offer

Final merit list of confirmed and wait-listed candidates, based on their combined performance in the entrance test and the interview, will be posted on the website of the institute. Offer/intimation of the admission letter will be sent by post and/or email to candidates accordingly. In case multiple candidates have same combined scores (of the

entrance test and interview), the candidate who has higher positive marks will be awarded higher rank.

2.4.10 Important Dates for M.Sc. (DS) admissions (Tentative)

Online application website opens	08 March 2021
Last date for submission of online applications	15 May 2021
Entrance test (tentative)	19 June 2021
Announcement of Merit List (tentative)	28 June 2021
Commencement of academic session	TBD

2.4.11 M.Sc. DS exam (For Internal use only)

The test will evaluate the candidates on their Mathematics, Statistics, basic Computer Science (programming) and General Aptitude. M.Sc. (DS) exam will have **60 objective type** questions and the total time allowed will be 90 minutes. The distribution of questions/weights among 4 sections will be:

To be provided

- Each question will followed by 5 answer options. The last option will be None of the above.

- The correct answers for each question will be awarded 4 marks while **each incorrect answer will be assigned a negative mark of -1.**

- Each section will have 1/3 easy, ½ medium and 1/6 questions of hard difficulty level.
- There will be no section wise cutoffs.

2.5 Master in Design (Communication Design) - M. Des.

The MDes (Communication Design) is a 2-year post-graduate degree program (4 semesters) that offers specializations in Visual Communication Design and Interaction Design. This distinctive interdisciplinary program prepares students to pursue careers in the fields of Graphic Design, User Experience / Interface Design, Film-making, Animation, Photography, Design research and teaching.

2.5.1 Program Structure

The MDes (CD) is a full time two-year program, which is divided into four semesters. The program blends Design concepts, skills and practices with inputs from the disciplines of Sociology, Anthropology and Cultural studies. Students are encouraged to understand and engage with real life contexts and evolve habits of critical thinking for effective problem solving. At the end of the 2 year program students are expected to understand Design processes and methods and be able to conceptualize and prototype solutions to communication problems in various social and cultural contexts.

The detailed course structure consisting of both core courses and elective courses can be found here

2.5.2 Intake

Total seats: 20

2.5.3 Eligibility

2.5.3.1 Educational qualification

A Bachelors Degree or equivalent from a statutory university in the fields of Design, Science, Engineering, Technology, Humanities, Social Sciences, Fine Arts, Applied Arts and Performing Arts. Professional Diplomas from nationally recognized institutions such as NID, NIFT, CEPT and Srishti School of Art and Design will also be considered for eligibility. Candidates must have 55% marks or equivalent in the last qualifying degree/examination and are required to submit the provisional Degree certificate or proof of completion of Degree before 30 October 2021 failing which their admission is liable to cancellation.

2.5.3.2 Age

There is no age limit applicable to this programme.

2.5.3.3 Category

There is no SC/ST/OBC/Physically challenged/Women quota or reservation of any kind for PG admissions at DA-IICT. All PG admissions are strictly merit based and are in open category.

2.5.4 Fees Structure*

At the time of admission an amount of Rs. 90,000/- (Rs. 70,000/- towards Tuition Fee for the First Semester and Rs. 20,000/- towards a Caution Deposit) is to be paid. The registration fee is payable at the time of registration and hostel rent on allotment of the hostel room.

Tuition fee	Rs. 70,000 per Semester
Registration Fee	Rs. 2,500 per Semester
Caution Deposit	Rs. 20,000 (Refundable at the end of the program)
Hostel Rent	Rs. 20,000 to Rs. 22,000 per semester depending upon the hostel block in which the room is allotted.
Food	On Factuals. There are multiple food options available on the campus. (The expenses will be approximately Rs. 5,500 per month)

Subject to revision

2.5.5 Refund Policy

The refund policy for the withdrawing candidates will be in accordance with the UGC/AICTE rules.

2.5.6 Selection Procedure

Candidates for this program without a valid CEED score will be selected for interview through a Design Aptitude Test (DAT) to be conducted at selected centers all over the country. The tentative list of centers is: DAIICT Gandhinagar, Ahmedabad, Bhopal, Hyderabad, Jaipur, Kolkata, New Delhi, Pune, Rajkot, Surat and Udaipur. Candidates with a valid CEED score will be selected for interview if they have qualified Part A, and have obtained a minimum of 25 marks in Part B. Further, for such candidates their CEED score will be used as DAT score. The final selection will be based on the combined scores attained in the DAT and the interview. The DAT will constitute 60%, and the interview 40% of the overall marks assigned to the admission test.

NOTE: **In view of the emerging pandemic situation of the COVID-19, if conditions are not favorable an online proctored test will be administered in place of the computer based test. The candidates will be informed well in advance.**

In online proctored mode, the candidate will be remotely administered the test at any location of his/her choice. While proctoring online, the candidates will be monitored by a software assisted mechanism. This is a browser based test through a URL facilitated by a strict authentication process. The candidates will be assigned a fixed time slot on the day of the test. The entire test will be constantly monitored for any suspicious activity using advanced video and audio analytics. While the candidate takes the test, a qualified proctor monitors the candidates, the audio-video, and screen and shares feeds in real time throughout the duration of the test. System requirements for online proctored test would be a working computer system (Desktop or Laptop) with webcam and mic. A stable internet connection with minimum upload speed of => 512 kbps and updated web browsers chrome or firefox.

Statement of Purpose

All candidates will have to submit their Statements of Purpose online, along with their applications. Applications without an SOP will not be considered. Candidates will have to relate the curricular content of the MDes (CD) program to their own interests and aptitudes and explain how they can learn and contribute to the program in their own way.

Design Aptitude Test (DAT):

Design Aptitude Tests consists of 3 parts, each bearing 20 marks each.

Part 1: This test will evaluate the candidate's drawing skills, imaginative visualisation and ability to interpret a problem.

Part 2- Will evaluate the candidate's recognition and understanding of a range of design idioms, visual/performative art forms and practices from various social and cultural contexts.

Part 3- The candidates will be asked to write a subjective response to a Communication Design brief.

The candidates should secure a minimum of 40% in the exam to be considered for the interview process.

2.5.7 Application Procedure

Application Procedure

- Please submit the online application along with the Statement of Purpose (SOP) by clicking on the link given below. Application fee (non-refundable) is Rs. 1200/- plus GST@ 18%. (Rupees One thousand two hundred only). Non Refundable. **Click here to apply online**.
- The Candidate has to satisfy the eligibility criteria in order for her/his application to be considered for final admission.
- Eligible Candidates need to appear for DAIICT's Design Aptitude Test (DAT) conducted at selected centers all over the country.
- The online application procedure will guide you through the necessary steps for application fee payment, submission of statement of purpose, registering for design aptitude test and appearing for personal interview. Candidates with valid CEED score are exempted from DAT Test.
- The Candidates who have accepted admission offers will be notified to appear for registration, followed by counseling, document verification, payment of fees and on confirmation of admission, the orientation program.

2.5.8 Interview and Admission Offer

Final merit list of confirmed and wait-list candidates based on entrance test and interview performance will be posted on the website of the Institute. The offer letter for admission will be sent by the Admission committee through post or email to candidates.

Note: In view of the COVID-19 pandemic situation, if conditions are not favorable the interview part of the selection process may be annulled, and the merit list will be prepared solely on the basis of the DAT.

In case of a tie, years of experience, marks in 10+2 and 10th examination or age will be considered in order to break the tie.

2.5.9 Important Dates for M. Des. Admissions (tentative)

Online application website opens	17 March 2021
Last date for submission of online applications	07 June 2021
Entrance test and interview of shortlisted candidates (tentative)	19 June 2021
Announcement of Merit List (tentative)	28 June 2021
Commencement of session	TBD

2.6 Doctor of Philosophy (Ph.D.)

DA-IICT invites applications from bright scholars interested in pursuing research in ICT and other allied domains. The doctoral program at DA-IICT is an intense program geared towards preparing students for careers both in academia and industry. Research at DA-IICT is conducted in ICT & allied disciplines, Mathematical & Computational Sciences, Humanities & Social Sciences. Candidates interested in any of these disciplines, or in interdisciplinary areas, are encouraged to apply.

The details of the faculty members with their research interests can be found here. Candidates are advised to interact and discuss their prospective research supervision with faculty members over email and/or in person. Admission to the PhD program is conducted twice in an academic year, once prior to the Autumn semester (July) and the other prior to the Winter semester (December).

2.6.1 Program Structure

The PhD program comprises of both course and research work. The amount of coursework one has to undergo depends on the candidates' past background and the research one is engaged in. The research work to be undertaken for PhD must include original contribution to the knowledge reserve culminating in a thesis to be submitted for the doctoral degree. The detailed Program structure, academic requirement, and comprehensive examination information can be found here.

2.6.2 Intake

Number of Seats: Typical intake is about **10-15** in each academic year. However, the number of candidates to be admitted in Ph.D. Program may vary, as it depends on candidate's profile and willingness to take up a long-term challenging goal.

2.6.3 Eligibility and Selection Criteria

DA-IICT admits doctoral students under five categories:

Category	Educational Qualification/Eligibility Criteria	Selection Criteria
A. ICT and Allied Domains	M.Tech./M.E./M.C.A./M.Sc./M.Phil./B. Tech/B.E. or equivalent degree in ICT / CS / EC / IT / EE / IN / Mathematics / Statistics / Physics / Bioinformatics / Electronics or other appropriate disciplines with 60% marks or its equivalent in the qualifying degree as per the norms set by degree awarding	1. Direct Interview for candidates with valid JRF/DST Inspire/PM scholarship/Visvesvaraya PhD scheme at the time of application. 2. Shortlisting will be based on a computer based entrance test and the selection will be on the

	Institute/University.	basis of a personal interview.
B. Mathematics and Natural Sciences **(Mathematics, Physical Sciences, Computational Science)**	M.Sc./M.Tech./M.Phil./B.Tech./B.E. or equivalent degree in Engineering Physics / Computational Science / Computer Science / Scientific Computing / Physics / Mathematics / Electronics / Bioinformatics or other appropriate disciplines with 60% marks or its equivalent as per the norms set by the degree awarding Institute/University.	Entrance test to be conducted at selected centers all over the country. The tentative list of centers is: DAIICT Gandhinagar, Ahmedabad, Bhopal, Hyderabad, Jaipur, Kolkata, New Delhi, Pune, Rajkot, Surat and Udaipur. The interview will happen via a video conferencing mode either through Skype or Google Hangout/Meet.
C. Sponsored candidates	Educational qualifications as mentioned in the category **(A** and **B)** above with three years of relevant experience. The candidates should be sponsored by an R&D organization with which DA-IICT has established over five years of cooperative research programme or has signed an MOU. The candidate who intends to apply in this category should forward his/her application through proper channel, that is, a forwarding certificate/letter by the head of the department/institute. Sponsorship certificate template link (PDF) DA-IICT reserves right to relax eligibility criteria for the sponsored category for deserving candidates based on candidate's research profile and experience.	The interview will happen via a video conferencing mode either through Skype or Google Hangout/Meet.
D. Arts, Humanities,	M.A./M.Com./M.B.A./M.Phil. or an equivalent degree in the desired	1. Candidates with a valid JRF and/or M Phil degree will be

and Social Sciences **(English, History, Anthropology, Comparative Literature, Philosophy and Design)**	discipline with at least 55% marks or equivalent as per the norms set by the degree awarding Institute/University. M. Phil. degree holders will be preferred. The candidate must furnish a clear academic statement of purpose (SOP) conveying his/her intellectual background, research interests, achievements, and competences.	shortlisted for the interview solely on the basis of their statement of purpose (SOP) and other relevant academic credentials. 2. Shortlisting will be based on a computer based entrance test and the selection will be on the basis of a personal interview. Entrance test to be conducted at selected centers all over the country. The tentative list of centers is: DAIICT Gandhinagar, Ahmedabad, Bhopal, Hyderabad, Jaipur, Kolkata, New Delhi, Pune, Rajkot, Surat and Udaipur. The interview will happen via a video conferencing mode either through Skype or Google Hangout/Meet..
E. External (part-time)	Educational qualifications as mentioned in the category (A, B and D) above with three years of relevant experience. The candidates should be working in an R&D organization or university/institution. The candidate who intends to apply in this category should forward his/her application through proper channel, that is, forwarding certificate/letter by the head of the department/institute. Find here Sponsorship certificate template link (PDF). The candidate who intends to apply in this category should forward a No	1. Direct Interview for candidates with valid NET-JRF/DST Inspire/PM scholarship/Visvesvaraya PhD schemeat the time of application. 2. Shortlisting will be based on a computer based entrance test and the selection will be on the basis of a personal interview. Entrance test to be conducted at selected centers all over the country. The tentative list of centers is: DAIICT Gandhinagar, Ahmedabad, Bhopal, Hyderabad, Jaipur, Kolkata, New Delhi, Pune, Rajkot, Surat and Udaipur. The interview will happen via a video conferencing mode either through Skype or Google

	Objection certificate. Find here <u>No Objection certificate template link (PDF)</u>. DA-IICT reserves right to relax eligibility criteria for the external category for deserving candidates based on candidate's research profile and experience.	Hangout/Meet.

Note:

- Candidates with M.Sc./M.C.A., unless they have a subsequent M. Phil. degree will be considered equivalent to candidate with a B.Tech./B.E. degree and are required to fulfil (additional) course and research requirements.

- Allotment of centres will depend on the availability and the number of candidates opting for that center.

- DA-IICT reserves right to relax eligibility criteria for the sponsored category for deserving candidates based on candidate's research profile and experience.

- The decision of the Competent Authorities of DA-IICT regarding eligibility of any candidate shall be final.

NOTE: **In view of the emerging pandemic situation of the COVID-19, if conditions are not favorable an online proctored test will be administered in place of the computer based test. The candidates will be informed well in advance.**

In online proctored mode, the candidate will be remotely administered the test at any location of his/her choice. While proctoring online, the candidates will be monitored by a software assisted mechanism. This is a browser based test through a URL facilitated by a strict authentication process. The candidates will be assigned a fixed time slot on the day of the test. The entire test will be constantly monitored for any suspicious activity using advanced video and audio analytics. While the candidate takes the test, a qualified proctor monitors the candidates, the audio-video, and screen and shares feeds in real time throughout the duration of the test. System requirements for online proctored test would be a working computer system (Desktop or Laptop) with webcam and mic. A stable internet connection with minimum upload speed of => 512 kbps and updated web browsers chrome or firefox.

2.6.3.1 Age
There is no age limit applicable to this program.

2.6.3.2 Category

There is no SC/ST/OBC/Physically challenged/Women quota or reservation of any kind for PG admissions at DA-IICT. All PG admissions are strictly merit based and in open category.

2.6.4 Fees Structure*

Tuition Fee	Rs. 20,000 per Semester
Registration Fee	Rs. 2,500 per Semester
Caution Deposit	Rs. 20,000 (Refundable at the end of the Program)
Hostel Rent	Rs. 20,000 to Rs. 22,000 per semester depending upon the hostel block in which the room is allotted
Food	On actuals. There are multiple food options available in the campus (The expense will be approximately Rs. 5,500 per month)

At the time of admission an amount of Rs.40,000/- (Rs.20,000/- towards tuition fee for the first Semester and Rs.20, 000/- towards caution deposit) is to be paid by way of bank draft drawn in favour of 'DA-IICT,' payable at Ahmedabad. The registration fee is payable at the time of registration and hostel rent on allotment of the hostel room.

*Subject to revision.

2.6.5 Refund Policy

The refund policy for the withdrawing candidates will be in accordance to the UGC/AICTE rules.

2.6.6 Stipend/Fellowship

Financial assistance: The following is a summary of financial assistance provided by the institute to the non-sponsored category students.

<u>**DA-IICT fellowship:**</u>

With effect from July 2020, all those admitted as full-time PhD students will be eligible for financial support (stipend) in the form of Teaching Assistantship (TA)/Research Assistantships (RAs). The fellowship is for a maximum duration of four years after passing the comprehensive examination or clearing of Synopsis, whichever is earlier. The responsibilities associated with the teaching / research assistantship includes conducting laboratory courses and tutorials for undergraduate students, assisting in teaching, research projects, and academic administration.

- The stipend is Rs. 21,000/- per month till the end of the semester in which the candidate clears the comprehensive examination.
- After passing the comprehensive examination, for the first two years the stipend would be Rs. 25000 per month. For the next two years the stipend will be raised by Rs. 3000 per month.
- Candidates with either M. Phil, valid NET-JRF, GATE score of 500 or above or top rank in University/Institute in their qualifying degree would be eligible for DAIICT fellowship of Rs. 30000 per month after passing the comprehensive examination.

TCS Research Fellowship: The Tata Consultancy Services (TCS) has recognized DA-IICT as one of the Institutions to administer the TCS Research Scholar Program. This prestigious program provides attractive doctoral fellowships to full-time students pursuing PhD programs in selected areas. The eligibility and other details are as follows:

The scheme is open for Ph D students in their first year of the program. Students who are within 28 years of age, having a first class throughout their education, and wish to pursue research in broad areas of Computer Engineering, Computer Science, Information Systems, Information Technology and Software Engineering.

Period: For a maximum of four years or submission of thesis, whichever is earlier.

Fellowship: Rs. 41,000/- per month for the first two years and Rs. 45,000/- per month for the next two years. Other Incentives are:

- A contingency of Rs.1,00,000/- is available in first year for use during the tenure of studies.
- A student enrolled as TCS Research Scholar is eligible to receive support for paper presentation in one International refereed conference, held outside India, and two National/International refereed conferences, held in India, during her/his tenure.

Selection: Institute will invite applications from students who are offered PhD admission, and recommend suitable candidates to TCS. TCS reserves the right of final selection for the award of the fellowship.

Other Fellowships: Candidates who have been selected for DST Inspire / PM Scholarship / Visweshvaraya PhD scheme and other appropriate fellowships and admitted to the program can avail their fellowship.

2.6.7 Application Procedure

- Submit online application form by clicking on the link given below. Application fee (non-refundable) is Rs. 1200/- (Rupees One thousand two hundred only) plus GST@ 18%. **Click here to apply online.**
- The Candidate has to satisfy the eligibility criteria in order for her/his application to be considered for admission into the PhD. program.
- Applicants who **have not been** invited directly for the interview are required to appear for DAIICT's PhD Entrance Examination.

- The candidates shortlisted based on either their performance in the DA-IICT PhD entrance test OR invited directly for interview, have to appear for personal interview. In the interview, the candidates will be evaluated by a panel of expert faculty on foundational as well as specialized topics of their background and research interests. For this purpose, the candidates have to submit a one page statement of purpose as a part of their application. Final merit list for admission into the program will be prepared based on the written examination (wherever applicable) and/or the interview.
- The candidates who have accepted admission offers will be notified to appear for registration, followed by document verification, payment of fees and on confirmation of admission, the orientation program.

2.6.8 Admission Offer

List of candidates selected for admission to the Ph.D. Program will be posted on the website of DA-IICT, and the candidates will be intimated accordingly through post and/or email.

2.6.9 Important Dates for PhD admissions

Submission of online Application Form commences on	10 March 2021
Submission of online Application Form closes on	31 May 2021
Entrance Examination for Candidates not called for direct interview (tentative)	19 June 2021
Announcement of list of candidates called for interview (tentative)	TBD
Date of Interview (tentative)	TBD
Announcement of Result (tentative)	TBD
Commencement of classes	TBD

2.6.10 Important Instructions on PhD entrance exam in ICT and allied areas

- The guidelines and syllabus for PhD entrance test can be found here.

- For sample questions in engineering disciplines click here.

Important dates for PG Admissions 2021

S.No.	Activity		Date	Comments
1	Finalisation of intake, eligibility criteria, etc. for all programs		25-Feb-21	
2	DA-IICT site updation with details for admissions 2021		01/05 March 2021	
3	Advertisement in newspaper for all programs and start of Google campaign		08/15 March 2021	Within a week of commencement of online application
4	Online application to commence on		01/05 March 2021	
5	Last date of online application form	M Tech (ICT)	14-Jun-21	
6		M Tech (EC)	14-Jun-21	
7		M Sc (IT)	14-Jun-21	
8		M Sc (DS)	14-Jun-21	
9		M Des (CD)	14-Jun-21	
10		UG	14-Jul-21	
11	End of Google campaign		14-Jul-21	
12	Entrance examination dates	M Sc (IT)	19/20 June 2021	
13		M Sc (DS)	19/20 June 2021	
14		M Des (CD)	19/20 June 2021	
15		Ph D	19/20 June 2021	
16	Merit List Announcement	M Tech (ICT)	21-Jun-21	
17		M Tech (EC)	21-Jun-21	
18		M Sc (IT)	28-Jun-21	
19		M Sc (DS)	28-Jun-21	
20		M Des (CD)	28-Jun-21	
21		Ph D	28-Jun-21	
22		UG	19-Jul-21	
23	Interview dates	M Tech (ICT)	TBD	

S.No.	Activity		Date	Comments
24		M Tech (EC)	TBD	
25		M Sc (DS)	TBD	
26		M Des (CD)	TBD	
27		Ph D	TBD	
28	Dispatch of Admission offers to the selected candidates of UG NRI-FN		19-Jul-21	
29	Registration and Document Verification	PG Programs	26-Jul-21	
30		UG All India	02-Aug-21	
31		UG NRI	02-Aug-21	
32		UG ACPC	TBD	
33	Orientation PG		27-29 July 2021	
34	Orientation UG		03-05 August 2021	
35	Commencement of Classes	PG Programs	02-Aug-21	
36		UG Program	09-Aug-21	
37	Last date of Admission (No admission permitted after this date)	M Tech (ICT)	TBD	
38		M Tech (EC)	TBD	
39		M Sc (IT)	TBD	
40		M Sc (DS)	TBD	
41		M Des (CD)	TBD	
42		Ph D	TBD	
43		UG	TBD	

NOTE: The admission committee can keep additional 4 candidates until the date of registration. In case any seat remain vacant then they can be filled up till 31st July 2020.

Convenor
Admissions Committee 2021

Dean(AP)
Date:

Executive Registrar

Director