

ANNEXURE I

Academic Requirements for the Postgraduate Programs

Sponsored M.Tech (ICT) Program for Candidates from INS-Valsura

This document lists the eligibility criteria, selection process and academic guidelines for Sponsored M.Tech. (ICT) program for students from INS-Valsura expected to commence from the Academic year 2014-15. For whatever is not specified in this document, the guidelines specified in the Academic Guidelines for Post Graduate Programs document (Annexure I) would be applicable.

1. A maximum of 5 candidates can be admitted to the Sponsored M.Tech. (ICT) program in an academic year beginning with the Autumn semester for that academic year. INS Valsura would forward the list of candidates to DA-IICT that meets the eligibility criteria* specified by DA-IICT for students who apply to this sponsored program. The candidates would have to clear the selection process outlined for them by DA-IICT. Candidates who clear the process would be admitted as students of the Sponsored M.Tech. (ICT) program.
2. Residency requirement for these students would normally be limited from July to July next year, i.e., a period of one year**. They will be required to complete Semester-1 (Autumn semester), Semester-2 (Winter semester) and the Summer semester in this period.
3. In the third semester (Autumn Semester), instead of taking 2 regular courses and 2 research courses, the students will take up 2 Self-study courses and 2 research courses. The content of the self study courses will be identified by the student, off-campus and on-campus supervisors. A course offered at INS-Valsura can also be taken up as a self-study course, if the off-campus and on-campus supervisor find it to be appropriate. An appropriate course title should be mentioned as a 'Remark' which would be entered in E-campus and would appear in the transcripts.
4. The student will pursue research at the sponsoring organization with an on-campus supervisor (from DA-IICT) and an off-campus supervisor (from INS Valsura).
5. The research work carried out as a part of the research courses taken by the student will be evaluated at the end of every semester, i.e., Summer, Semester-3 (Autumn semester) and Semester-4 (Winter semester). Dates for the evaluation would be notified for each candidate. The student would have to be present at DA-IICT for the evaluation before a committee.
6. These students will be awarded an M.Tech. (ICT) degree on obtaining a minimum CPI of 6.0 after the completion of all requirements mentioned in the table below:

| Semester | Course/Research Credits | | | | |
|----------|-------------------------|------------------------------|------------|----------|---------------|
| | Core | Elective | Self-Study | Research | Total Credits |
| Sem – 1 | 2 | 2 (Two from any Spec. cores) | 0 | 0 | 4 x 3 = 12 |
| Sem – 2 | 0 | 4 | 0 | 0 | 4 x (>=3) = |

| | | | | | |
|--------------|---|---|---|---|--------------------------------------|
| | | | | | (≥ 12) |
| Summer | 1 | 0 | 0 | 1 | 5 |
| Sem – 3 | 0 | 0 | 2 | 2 | $4 \times (\geq 3) =$ (≥ 12) |
| Sem – 4 | 0 | 0 | 0 | 5 | $4 \times 3 + 0.5 =$ 12.5 |
| Total | 3 | 6 | 2 | 8 | 53.5 credits |

*NOTE: Eligibility criteria for admission to M.Tech. Program at DA-IICT is: (Details available at <http://www.daiict.ac.in/daiict/admissions/mtech.html>)

- Candidates having/appearing for the B. Tech. / B.E. degree in ICT and other allied disciplines such as, Computer Science, Electronics & Communication, Electrical Engineering, Electronics & Instrumentation, IT and other allied disciplines.

OR

M. Sc. degree in Physics, Electronics, Mathematics, Statistics or Computer Science may apply. Students with an M.Sc. degree from DA-IICT may also apply

OR

Candidates having/appearing for MCA degree (3-year programme) may also apply.

- Candidates must have 60% marks or equivalent in the qualifying degree as per the norm set by respective Institute or University in the above degree.

**NOTE: In case a student fails to clear any subject/course during the first two semesters and/or the summer semester, then (s)he would have to extend his/her stay on campus to complete the said backlog course(s).

Annexure II
Sponsorship Certificate (Sample Format)

SPONSORSHIP CERTIFICATE
(On the letterhead of the Sponsoring Organization)

To,
The Director,
DA-IICT, Gandhinagar,
Near Indroda Circle,
Gandhinagar, Gujarat – 382 007

Subject: Sponsoring an employee for the M.Tech. (ICT) Programme of DA-IICT Gandhinagar.

Dear Sir,

We hereby sponsor the candidature of Shri/
Smt./Kum _____
_____ employed in our organization as
_____ (designation), for joining the Sponsored M.Tech. (ICT) Programme
at your Institute as a sponsored candidate.

He/She is employee of our organization since _____. We shall fully relieve him/her of his/her duties in the organization during the period of the Sponsored M.Tech. (ICT) programme, to enable him/her to devote full time to his/her studies in the Institute. We understand that the typical residency requirement for the sponsored M.Tech. (ICT) Programme is 1 year.

We shall bear the total expenses of his/her studies.

Date: Signature and seal of the Sponsoring Authority



Academic Requirements for the Postgraduate Programs

(Effective from Aut 2009-10)

All postgraduate programs of DA-IICT will be governed by these rules, subject to amendments, from time to time, as per the needs and requirements. These rules deal only with the post-admission academic activities of these programs. Eligibility for admission, admission procedures etc for these programs are outside the purview of this document.

Currently, the Institute runs the following postgraduate programs:

1. Master of Technology (Information and Communication Technology): M Tech (ICT): duration- 2 years
2. Master of Science (Information Technology): M Sc (IT): duration- 2 years
3. Master of Science (ICT in Agriculture and Rural Development): M Sc (ICT in ARD): duration- 2 years
4. Doctor of Philosophy: Ph D: duration- typically 3 to 5 years.
5. Master in Design (Communication Design): M Des (CD): duration – 2 years

The Dean (Academic Programs)/Registrar may, from time to time, issue such instructions or directions as may be necessary to give effect to and carry out the provisions of these rules. Director, as chairman of the Academic Council, may relax/exempt some provision(s) of the rules in exceptional situations and all such cases shall be reported to the Academic Council in the immediate next meeting. Important terms/expressions used in the document have been defined in the GLOSSARY at the end of this document.

1. REGISTRATION

1.1 Categories of Registration:

- a) A student may register in a given semester in two possible categories: resident registration and external registration. Only resident registration will count towards the residence requirement for a degree. A foreign student on student visa will not be allowed to register as an external student.
- b) To qualify for resident registration, the student must register for a duly approved course programme and pay the prescribed tuition and other fees, including any outstanding dues.
- c) To qualify for external registration, a student must register for a duly approved research programme, and pay the prescribed registration fees, with the provision that the PG Committee may permit/require registration for coursework also. However, this qualification is 2

subject to the proviso that a regular M Tech student may not avail of external registration for the purpose of obtaining an 'S' grade for thesis work, as detailed in Section 2.4 (e).

d) A Ph D student must register under resident registration in the semester in which the Ph D thesis is submitted for evaluation. This requirement may be relaxed in exceptional cases by the Postgraduate Committee on the recommendation of the student's Ph D thesis advisor.

1.2 New entrants to the postgraduate programs, who are awaiting the results of the qualifying examination may be allowed "provisional" registration. Latest by the date given in the academic calendar (usually about 8 weeks from the date of registration) such candidates will be required to submit, for verification, the certificates of having passed the qualifying examination. Original certificates will be returned to the students and a copy will be kept for records.

1.3 Late Registration:

a) If for any compelling reason like illness, a student is unable to register on the day of registration, he/she will be allowed to register during the late registration period as specified in the academic calendar (which is about one week from the date of registration). Any student registering late will be required to pay the specified late registration fee.

b) In exceptional cases, the Dean (Academic Programs) on the recommendation of the Postgraduate Committee (PGC) may consider registration beyond the date of late registration. In such a case, the student will be allowed to register for thesis credits only.

1.4 Academic Advising:

a) A student will be advised in the selection of courses by the faculty adviser appointed by Dean (Academic Programs) in consultation with the PGC. For M Tech students, thesis supervisors will be assigned after one semester of course work. Ph D candidates will be assigned a thesis supervisor after passing the comprehensive examination (details given in section 4).

b) A student may be permitted to repeat or substitute courses in which he/she has obtained DD, DE or F grades. Permission to repeat/substitute a course will be governed by the guidelines laid down in section 2.4.

1.5 Semester Load Requirements:

a) For M Tech and Ph D Students:

A semester load is defined as equivalent of 12 credits. A student registered for a full semester load solely by course work would typically take 4 courses. Depending on the merits of the case, the PGC may permit a student to register for a maximum of 15 credits or a minimum of 9 credits.

b) For M Sc (IT) and M Sc (ICT in ARD) and M Des students:

Semester load will be as prescribed from time to time in the approved program course structure document.

c) A student in the external registration program, when registering for research only, can register for a maximum of 12 credits or a minimum of 3 credits during the regular semester. 3

1.6 Adding/Dropping of Courses and Withdrawal from a Semester

- a) Adding and dropping of courses is permitted, during the Add/Drop period, only if the student's request is endorsed by the instructor of the course and the Convener PGC. The last dates of applying for adding and dropping of courses are specified in the academic calendar.
- b) A student who wishes to withdraw prior to registration for a semester must obtain a formal approval from the Dean (Academic Programs) before the prescribed last date for late registration for the concerned semester. Withdrawal after registration for a semester is permitted only on medical grounds or for other exceptional reasons and formal approval for such withdrawal must be obtained from the Dean (Academic Programs) before the date of commencement of the end-semester examination for the concerned semester. Withdrawal from a semester, either prior to registration or after registration, is permitted for only one semester at a time. If a student does not register for a regular semester or does not withdraw with permission from the Dean (Academic Programs) as indicated above, his/her name is liable to be struck off from the rolls of the Institute.
- c) A student who registers for a semester after having withdrawn in previous semester(s) can register for the available courses as prescribed in the curriculum for that particular semester subject to pre-requisites, if any.
- d) The transcript of a student who has "withdrawn" status would show the appropriate status for the concerned semester(s). The transcript of a student who is suspended for an academic or disciplinary reason would also show "withdrawn" status.
- e) The maximum period for completion of any postgraduate program as given in the appropriate subsection of Section 2 includes any semester in which the student has "withdrawn" status.

2. ACADEMIC REQUIREMENTS

| 2.1 Ph D Program: Program | Min Total Credits | Min Course Credits | Min Research Credits | Min No. of Courses | Min Residence (sems) | Max Duration (yrs)** |
|--|--------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------|-----------------------------|
| Ph D – after B Tech/M Sc | 96 | 36 | 48 | 12 | 6 | 7 |
| Ph D – after M Tech/M Phil | 72 | 12 | 48 | 4 | 2 | 6 |
| Ph D – sponsored – after M Tech/M Phil | 72 | 12 | 48 | 4 | 1 | 7 |
| Ph D – sponsored – after B Tech/M Sc | 96 | 36* | 48 | 8 | 2 | 8 |