



ENGINEERS WITH
SOCIAL RESPONSIBILITY

Dhirubhai Ambani Institute of Information and Communication Technology

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NAAC Accredited

Recipient of Centre of Excellence Award by the Government of Gujarat
Recipient of '5 Star' in GSIRF Ranking by Government of Gujarat

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs, which is reflected in the Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The curricula at DA-IICT has been consciously developed by considering local, national, regional and global developmental needs so that students are equipped with foundational knowledge, industry relevance electives and exposure in internship and project work. The course structure of the curricula of each programme is broadly classified into **three categories**. The first category, referred to as **Foundation**, is a set of compulsory courses required to be taken by every student in the programme. The next one is formed by a set of courses, referred to as the **Electives**, which forms both the technical strength and humanities and social science skills of the programmes. The third one is composed of **internships** and **projects**. The curricula provide students a multi-track option where a student can achieve depth in one track and/or breadth in multiple tracks through an appropriate choice of elective courses.

The curriculum of all programmes are developed, updated and reviewed by the curriculum committee constituted by the Institute. The curriculum committee is chaired by a senior faculty of the Institute, and is composed of experts from industry, research organizations, and academia. The committee sought feedback from faculty, student, employer and alumni before devising/revising the curriculum, and it goes through multiple deliberations in faculty meetings, followed by approval of the Academic Council of the institute before its implementation. The local, national and global needs are always kept in view while developing the curriculum of a programme.

Local development: A set of courses such as **Language and Literature, Science, Technology and Society** engage students in understanding local socio-economic-tech conditions. The **Rural internship** after the third semester of BTech program allows students to interact with the local community and understand the needs for societal development.

National development: The institute runs a joint **MTech (CSE) program with IIT Jammu**, a joint **MTech (EC) program with C R Rao AIMSCS-Hyderabad** and a joint **MSc (Agriculture Analytics) program with AAU-Anand and IIRS-Dehradun**. These put a strong focus of the institute's objective with pan India view of its academic and research collaboration.

The course on **Approaches to Indian Society** visualizes students about the national needs and how the young generation can engage in providing solutions to social developments of our nation. Course on **Principles of Economics** provides avenues to students to understand

the socio-economic factors of the country. **Industrial or Research internship** helps students to experience solving problems and acquiring skills in scientific and empirical results. **Yoga, life skills, sports** make the student engage in co-curricular and extra-curricular activities apart from curricular aspects.

Global development: A rich collection of electives offered in our curricula meets the students' expectation for Global developmental needs. Different kinds of electives (ICT, Technical, Science, Open) motivate students substantially to think, develop, analyze and experiment wherever they show interest. A good number of students pursue higher studies abroad in every academic session. The institute proactively participates in academic and research collaboration with many institutions in academia, industry and R&D organizations.

Supporting Documents:

POs, PSOs, COs.:

Sl. No.	Programme	File
1	BTech(ICT)	1.1.1AB
2	BTech(ICT-CS)	
3	BTech(MnC)	1.1.1C
4	MTech(ICT)	1.1.1DE
5	MTech(EC)	
6	MSc(IT)	1.1.1F
7	MSc(DS)	1.1.1G
8	MDes(CD)	1.1.1J
9	PhD / PhD - HSS	-

Curriculum:

Sl. No.	Programme	File
1	BTech(ICT)	1.1.1AB
2	BTech(ICT-CS)	
3	BTech(MnC)	1.1.1C
4	MTech(ICT)	1.1.1D
5	MTech(EC)	1.1.1E
6	MSc(IT)	1.1.1F
7	MSc(DS)	1.1.1G
8	MDes(CD)	1.1.1J
9	PhD / PhD - HSS	1.1.1K

Academic Regulations:

Sl. No.	Programme	File
1	BTech(ICT)	2016-17 2021-22
2	BTech(ICT-CS)	2016-17 2021-22
3	BTech(MnC)	2020-21
4	MTech(ICT)	2017-18 2019-20 2021-22
5	MTech(EC) // MTech(CS-ML)	2019-20 // 2021-22
6	MSc(IT)	2017-18
7	MSc(DS)	2020-21
8	MDes(CD)	2017-18
9	PhD // PhD - HSS	2017-18 2019-20 // 2019-20