YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	Dhirubhai Ambani Institution of Information and Communication Technology
• Name of the Head of the institution	Dr. K. S. Dasgupta
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07968261572
• Mobile no	9327043614
• Registered e-mail	director@daiict.ac.in
• Alternate e-mail address	registrar@daiict.ac.in
• City/Town	registrar@daiict.ac.in
• State/UT	Gujarat
• Pin Code	382007
2.Institutional status	
• University	Private
• Type of Institution	Co-education
• Location	Urban

• Name of the IQAC Co-ordinator/Director	Dr. Anil K. Roy	
• Phone no./Alternate phone no	07968261613	
• Mobile	9376163094	
• IQAC e-mail address	iqac_dir@daiict.ac.in	
• Alternate Email address	anil_roy@daiict.ac.in	

3.Website address (Web link of the AQAR (Previous Academic Year) | https://www.daiict.ac.in/iqac#reports

4.Whether Academic Calendar prepared during the year? | Yes

• if yes, whether it is uploaded in the Institutional website Web link: | https://www.daiict.ac.in/academic-calendar

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.11	2017	23/11/2017	24/11/2022

6.Date of Establishment of IQAC | 15/07/2015

7.Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
NA	NA	NA	NA	NIL

8.Whether composition of IQAC as per latest NAAC guidelines | Yes

• Upload latest notification of formation of IQAC	No File Uploaded	

9.No. of IQAC meetings held during the year | 2

• The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)	Yes

• (Please upload, minutes of meetings and action taken report)	[View File](#)
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

11.Significant contributions made by IQAC during the current year (maximum five bullets)

• **In the AY 2021 – 22 Grievance Redressal procedure for students and employees was finalised. Design considerations for a GR portal was discussed and finalised. • A proposal for a new multidisciplinary program, Agriculture Analytics was discussed with the stakeholders e.g. AAU, IIRS and the concerned industries. • ERP Information System Committee was constituted in September 21. The committee contacted different vendors – analysed their offers and shortlisted four vendors for follow up actions. • Different committees were constituted for preparing SSR for NAAC second cycle accreditation.**

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

10-03-2023 11:14:10

Plan of Action	Achievements/Outcomes
Formulation of Grievance Redressal Process & Committee	• **In the AY 2021 – 22 Grievance Redressal procedure for students and employees was finalised. Design considerations for a GR portal was discussed and finalised.**
Discussion on the possibility for a new multi-disciplinary programme at PG Level	• **A proposal for a new multidisciplinary program, Agriculture Analytics was discussed with the stakeholders e.g. AAU, IIRS and the concerned industries.**
ERP Formalization and consitution of Committe	• **ERP Information System Committee was constituted in September 21. The committee contacted different vendors – analysed their offers and shortlisted four vendors for follow up actions.**
Preparation for NAAC Accredation Cycle 2	• **Different committees were constituted for preparing SSR for NAAC second cycle accreditation.**

13.Whether the AQAR was placed before statutory body?	**No**

- Name of the statutory body

Name	Date of meeting(s)
NA	**Nil**

14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?	**No**

15.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-22	15/02/2023

16.Multidisciplinary / interdisciplinary

DA-IICT offers various programs covering the multidisciplinary courses as part of its curriculum through electives. Assigning of academic credit for extra?curricular activities is being implemented from the academic year 2021-22.
In Undergraduate Programs
B. Tech. - Information and Communication Technology
B. Tech. - Information and Communication Technology with Minor in Computational Science
B. Tech. - Mathematics and Computing
In Postgraduate Programs
M. Sc. - Agriculture Analytics
M. Tech. - Information and Communication Technology with specialization in ML, EC

17.Academic bank of credits (ABC):

M.Tech. Electronics and Communication (EC) with a specialization in Wireless Communication and Signal Processing. The course credits earned from C. R. Rao Advanced Institute of Mathematics, Statistics and Computer Science (C. R. Rao AIMSCS), University of Hyderabad will be transferred to DA-IICT.
M.Tech. program in Computer-Science Engineering (CSE) with specializations in (a) Data Science and (b) Information Security. The course credits earned at DA-IICT would be transferred to Indian Institute of Technology (IIT) Jammu.
M.Sc. (Agriculture Analytics): The course credits earned from Anand Agriculture University (AAU) and Indian Institute of Remote Sensing (IIRS) will be transferred to DA-IICT. Registration no. NAD003426.

18.Skill development:

The core idea of skill development is implicit in the natural incorporation of the interdisciplinary curriculum and teaching philosophy of our university. Our students are hired by hard-core VLSI companies like Qualcomm or basic computer engineering companies like Microsoft and Apple, frequently placed by e-commerce companies like Amazon and Flipkart, working for Boeing, CTO of a boat, running Sprinklr, serving in top-notch FinTech companies - and there are endless such examples. This all is possible just because of no dearth of opportunities for a multitude of skill development which is inbuilt into our curriculum and teaching-learning process.

19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

DAIICT's BTech program integrates three core HSS courses into the engineering curriculum aimed at introducing students to various aspects of Indian society, culture, and languages. Although English remains the primary language of instruction, teachers conduct classes in bi-lingual mode and deploy Hindi or the local vernacular wherever required.

Students are introduced to the diversity of Indian literature in the course, Introduction to Language and Literature; to social structures, customs, visual forms, and material culture in the course "Approaches to Society" and to the history, philosophy and social contexts of Indian Science and technology in the course "Science Technology Society". The overall objective of the HSS courses is to offer students a rich understanding of the diversity and plurality of Indian society and culture and underscore its relevance in holistic education for engineers.

DAIICT's Masters in Communication Design Programme has also marked out cultural conservation and heritage as a critical area of student project work and has produced several films, interactive websites, mobile applications, and graphics which have documented different aspects of India's art, craft, performative, and visual communication practices.

DAIICT has a Cultural Committee run by students with a faculty mentor. This committee celebrates festivals that fall during the semesters. This inculcates a deeper understanding and appreciation of Indian cultural diversity and its secular values.

For all these purposes students are directed toward using online course material wherever required or relevant, particularly those offered by COURSERA, Udemy, NPTEL, IGNOU or SWAYAM"

20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome-Based Education (OBE) is a student-centric learning approach in which the course delivery and assessment are planned to achieve stated course objectives and outcomes. The Institute has developed the curriculum keeping OBE as one of the primary pedagogical aspects for all the programs. The curriculum of each program clearly stated Program Outcomes, Program Specific Outcomes and Course Outcomes. For course delivery, the course instructor keeps Program Outcomes and Course Outcomes in mind, interacts with the class, decides the components of course assessment, and observes how the course

outcomes are achieved. Continuous evaluation through various assessment components (e.g. quizzes, assignments, presentation, projects, in-semester and end-semester exams) makes students engaged in the subject and allow him/her to check their performance in the subject. After completion of the course, students demonstrate both theoretical and practical knowledge and skills in the subjects. With the implementation of the OBE system in the programs, the course instructor can also keep track of students' progress in their performance.

21.Distance education/online education:

DA-IICT is committed to designing and conducting online certificate and diploma courses in partnership with leading corporate bodies, universities, and alumni who are associated with organizations of high repute. The courses run under the joint umbrella of Continuing Education Program (CEP) and (AIP), in which we work closely with the Centre for Entrepreneurship Development, Govt. of Gujarat. The focus is to offer specialized online courses in high demand in various industries and government bodies to students and professionals. We also offer courses under the AIP program primarily designed for faculties from various universities and colleges in Gujarat, where we "train the trainers" so that they can make their respective students industry-ready. The program encourages our institute faculties to become anchors of specific courses, design competitive course curricula without repeating already well-designed existing online course content given by other institutes of repute, and bring the best instructors, both from academia and industry. Some of the broader topics on which we are currently working are applied data science, applied image processing, applied natural language processing, applied speech technology, recommendation systems, MLOps, DevOps, Software System Designing, Applied Cryptocurrency, Cloud Computing, Cloud Security, backend web development, full-stack web development, web front-end design & development, research methodology, UI/UX Design, etc.

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	9

File Description	Documents
Data Template	[View File](#)

1.2 Number of departments offering academic programmes		1
2.Student		
2.1 Number of students during the year		2074
File Description	Documents	
Data Template	View File	
2.2 Number of outgoing / final year students during the year:		563
File Description	Documents	
Data Template	View File	
2.3 Number of students appeared in the University examination during the year		1973
File Description	Documents	
Data Template	View File	
2.4 Number of revaluation applications during the year		11
3.Academic		
3.1 Number of courses in all Programmes during the year		186
File Description	Documents	
Data Template	View File	
3.2 Number of full time teachers during the year		74

File Description	Documents
Data Template	View File

3.3 Number of sanctioned posts during the year	**80**

File Description	Documents
Data Template	View File

4.Institution

4.1 Number of eligible applications received for admissions to all the Programmes during the year	**7612**

File Description	Documents
Data Template	View File

4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**135**

File Description	Documents
Data Template	View File

4.3 Total number of classrooms and seminar halls	**33**

4.4 Total number of computers in the campus for academic purpose	**1210**

4.5 Total expenditure excluding salary during the year (INR in lakhs)	**1797**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in 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 typically chaired by a senior faculty of the Institute, and is composed of experts from industry, research organizations, and academia. The local, national and global needs are always kept in view while developing the curriculum of a programme.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

5

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

186

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

186

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

9

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The curriculum of all programmes emphasize in integrating cross-cutting issues relevant to professional ethics, gender, human values, environment, and sustainability with a view to ensure holistic development of the students. Faculty members adopt a variety of innovative pedagogical approaches to enhance teaching-learning and evaluation, namely, project-based learning, flipped classroom, readings-presentation, etc.

The course Environmental Sciences in the undergraduate programmes make all students aware of the environment and its associated parameters and values to the society. The institute continually

integrates a large number of open electives in the areas of ethics, human values, gender, and organizational behavior and human development. Technical Writing, Research Methodology, and Narratology are PG level courses that enhance students' skills for professional ethics and development. Gender sensitization sessions are conducted in every academic session for making students acquainted with campus life.

Furthermore, our student body is composed of a variety of co-curricular and extra-curricular activities by the student clubs throughout the calendar that provide substantial value addition to the overall growth of the students.

File Description	Documents
Upload relevant supporting document	[View File](#)

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

8

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

517

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

1386

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

- **All 4 of the above**

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows

- **Feedback collected, analysed and action taken and feedback available on website**

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

760

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

132

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the studentsand organises special Programmes for advanced learners and slow learners

The Institute has a system in place to assess advanced learners and slow learners.

Advanced Learners: If a student shows his/her academic progress with high Cumulative Performance Index (CPI), he/she is considered as an advanced learner. The Institute allows advanced learners to take extra courses for credit and audit, to enroll in higher level courses, which encourage students to enhance their knowledge to a great extent. The Institute also provides advanced learners an opportunity to help the course instructor in laboratory work or engage them in Study hours. This experience is valuable, as it helps motivated students secure admissions in higher education. Working in such projects enables students to enrich their knowledge.

Slow Learners: Remedial classes, extra sessions, tutorials are offered in every semester for the students who are found slow learners. Students who show poor academic performance after the evaluation of a semester are put on academic probation. The course instructor plans for the remedial sessions for his/her course and implements the same as and when the demand arises. A good number of courses are offered in the Summer semester in which a student can clear any backlog course(s) and opt for course(s) improvement as per the academic guidelines.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	https://www.daiict.ac.in/naac-c2-chapter-2#2.2.1

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
2074	74

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

The institute believes that teaching courses not only imparts knowledge to the students, but is also a way for the faculty members to explore new areas. In order to make course student centric, the course instructor adopts the following in teaching-learning and assessment mechanism:

- Project based learning
- Assignments, Quizzes, and Lab practices
- Peer discussion
- Project and presentation

One major challenge in effective teaching pedagogy is large class size. In courses with a large student registration or with labs/tutorials, some of our postgraduate students or senior undergraduate students are appointed as teaching assistants who help the faculty members implement the pedagogy effectively. This has multiplebenefits (a) the students find it easy tointeract with their senior students and thus get their doubts clarified, (b) the teaching assistants get to revisit some of the concepts they might have studied earlier while gaining some teaching experience, (c) the instructor gets feedback from the teaching assistants on the progress of the students. The classrooms are equipped with computer systems, projectors, document cameras, tablets to support a wide variety of teaching methods. Instructors are encouraged to share the teaching material and references via various Learning Management Systems like Moodle or Google Classroom, or through our Intranet.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

Being an ICT focussed institute proactively uses the latest ICT-enabled tools for its academic and research activities. All the faculty members use ICT tools, in one form or the other, to teach and train the students. Faculty use LCD projectors/document-cameras/laptops/desktops/smart-pen-tabs/video-conferencing/printers/photocopiers/Pen Drives/scanners/microphones, and other e-learning tools to enhance the quality of teaching and learning. E-mails, Youtube, WhatsApp-group, Skype, Webex, Google classroom, moodle (https://moodle.daiict.ac.in/), daiictpdc (http://intranet.daiict.ac.in/) etc. are used as platforms to share information, communicate, provide course material, make announcements, provide/evaluate assignments, make presentations, doubt clearing, course evaluation and mentorship. There are more than 20 ICT enabled classrooms in addition to three big Lecture theaters, conferenceroom and Mini-Auditorium, equipped with all digital facilities such as touch screen, smart-writing pad, mike, projector, cameras and computer system. Anti-plagiarism software is usedto check the authenticity of research/project reports submitted by students. Most of the staff members also use ICT tools to create an effective and efficient academic and research ecosystem on campus. Internet and Wifi facility is made available to all members in the Campus 24x7.

Faculty members use innovative practices to develop e-content and share itwith students. Faculty and students are also provided remote access to computing facilities of the institutes.

File Description	Documents
Upload relevant supporting document	[View File](#)

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

62

File Description	Documents
Upload relevant supporting document	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

74

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

72

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

611

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

11

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

10

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the

declaration of results year wise during the year

`10`

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

`11`

File Description	Documents
Upload relevant supporting document	View File

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

`The Controller of Examination (CoE) office is handling the examinations of the institute.`

`Question Paper Upload System (QPUS): The course instructor uploads question papers through QPUS, which is regulated by the CoE office. The QPUS system is locally configured on Moodle server which allows the users (pre-defined) to upload the question papers pertaining to their courses. The system has an auto-email notification feature which sends two-way communication (course instructor as well as CoE) regarding any action taken by the course instructor. Considering security, the QPUS is made available on intranet with the restricted IP range only.`

`Depository of Question Papers or Question Banks (DQP/QB): The CoE office manages the depository of the question papers for the exams which are administered by them. These question papers are saved on a drive in a soft copy format also.`

`Examination Schedule Generator (ESG): While preparing exams schedule, the ESG takes care of following criteria while designing the schedule: exams slots; utilization of room capacity and optimizing distribution; invigilation and question paper distribution to exam halls.`

During the ongoing Covid – 19 periods, the CoE office conducted exams using online mode on Google Classroom and on the OPEP (Online Proctored Exam Platform).

File Description	Documents
Upload relevant supporting document	[View File](#)

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

Each course outline indicates how the lectures, readings, assignments, labs, and assessment policy and the expected learning outcomes, which are aligned with the programme educational objectives. In the beginning of each semester, the outlines, learning objectives and outcomes of all courses are published to the students.

Graduate Attributes:

· The graduates of our BTech and MTech programmes acquire core principles of engineering knowledge in ICT, Mathematics, Physics, Humanities and Social Sciences to solve complex engineering problems in the field of ICT and allied domains.

· The graduates of our BTech, MTech and PhD programmes identify, analyze and formulate complex engineering problems which they have competencies to solve with their acquired foundational and practical knowledge.

· The graduates of MSc and MDes programmes acquire technical skills and hands-on experience, which they apply for problem solving in IT

applications in industry.

· The graduates use modern tools by which they can create, select, and apply appropriate techniques and IT tools including prediction and modeling skills to implement real-world problems which will have value to our society, e.g. safety, health, agri-business, etc.

· The graduates are trained with the impact of the professional engineering solutions in societal and environmental contexts, and they are able to adhere to the factors of environmental contexts while applying their skills for solving real-world problems.

·

File Description	Documents
Upload relevant supporting document	[View File](#)

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

Attainment of the Programme Outcomes

The programme outcomes for all programmes make contribution to the civic body through knowledge discovery, innovation, problem solving, and lifelong learning. The number of students graduated, employed and pursued in higher studies across all the programmes is an evidence of the attainment of the programme outcomes. The feedback system of different stakeholders which is in place in the Institute helps it to measure the attainment of the programme outcomes.

Attainment of the Programme Specific Outcomes

The programme specific outcomes is measured by taking the aggregate performance of all courses in a specific programme of an individual student, and then the average performance of all the students in that programme. Semester Performance Index (SPI) of an individual student versus average SPI of all students gives an impression on how the PSOs meet their objectives and what measures can be taken further to improve PSOs.

Attainment of the Course Outcomes

The Course Outcomes of each program are measured through syllabus, completion of syllabus, continuous evaluation, question paper, labs assessment, projects, and grading. The continuous evaluation is done

through tests, quizzes, home assignments, project presentations, viva-voce, and so on. The in-semester and end semester examinations of every course are based on a written examination, and the other evaluative components are dedicated by the course instructors and the same is shared with the students in the beginning of the semester.

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

563

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

https://www.daiict.ac.in/stakeholder-feedback

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

DAIICT iscommitted towards developing and maintaining high standards inboth research and teaching. Our faculty and students contribute to research in the field of ICT and various allied areas. DAIICT provides a conducive environment that fosters interdisciplinary research in cutting-edge areas. Quite a good number of Govt. sponsored projects and consultancy works are undertaken by the faculty. Close to 80-PhD students have graduated so far and are well placed with few of them pursuing/pursued post-doctoral studies. DAIICT has been awarded the best university in innovation by GOG. Numberof research groups, research labs, faculty with high research credentials, subscriptions to conference articles/journals from

reputed publishers have contributed to our quality research. The Institute has a research promotion committee (RPC) headed by senior faculty. The-faculty-at-DAIICT-contributes-to-sponsored-research-as-well-as-carryout-consultancy-works-in-different-areas. Our-research-contribution-has-grown-over-the-last-few-years. In this respect, DAIICT has a good number of research labs, including the DAIICT Center for Entrepreneurship and Innovation (DCEI), thus encouraging the establishment of startups. Research activities are greatly encouraged by providing seed funding, Cumulative Professional Development Allowance (CPDA) and financial assistance to students for attending national/international conferences. Joint thesis guidance and publication collaboration with leading institutes such as IIT Jammu has encouraged us to conduct better quality research.

File Description	Documents
Upload relevant supporting document	[View File](#)

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

43

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	No File Uploaded

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

39

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

516

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

DA-IICT Center for Entrepreneurship and Incubation (DCEI) provides an innovation ecosystem to support both students and faculty members with an entrepreneurial bent of mind to come up with innovative ideas and channelise their efforts to give birth to new ventures in the ICT domain. It aims to create entrepreneurial environments that facilitate connections and speed innovative ideas from concept to reality.

The DCEI is currently supported by the Ministry of Electronics and Information Technology (MeitY) to nurture and develop business ideas based on the latest and emerging technology. It has received following grants:

- A grant of Rs. 150.0 lakhs under the scheme 'Expansion of Technology Incubation and Development of Entrepreneurs (TIDE)' from MeitY.
- A grant of Rs. 15.0 lakhs from the Industries Commissionerate.
- First installment of Rs. 10.0 lakhs out of a total sanctioned grant of Rs. 100.0 lakhs for five years under SSIP.

The DCEI has also been recognised as a Nodal Institute for Start-up/Innovation to mentor the innovators by the Industries Commissionerate, Government-of-Gujarat. It is also a Partner to Govt-of-Gujarat (Ministry of Education) under SSIP (Student Startup and

Innovation Policy).

The-funding-disbursed-by-the-DCEI-to-Start-ups-has-resulted-in-many-incubates-out-of-which-two-are-started-by-DA-IICT-faculty. For example, Almaconnect Solutions Private Limited creates a network for educational institutions and tracks its alumni members.

File Description	Documents
Upload relevant supporting document	No File Uploaded

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

3

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

3

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

7

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

A. All of the above

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

File Description	Documents
Upload relevant supporting document	[View File](#)

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

A. All of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

52

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

126

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS   **B. Any 4 of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
1608.5	905.2

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
25	20

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

1. Preamble: 1.1 The purpose of the consultancy policy is to set out the guidelines and procedures governing consultancy assignments taken by the faculty members of DA-IICT. Faculty members may take up consultancy assignments provided they do not have any adverse impact on their ongoing academic and administrative responsibilities to the institute. The goal of the consultancy is to enhance their professional and/or academic competence and experience. This will also establish the link between the DA-IICT and external organizations (Industry, Service Sector, Government Departments and other agencies) that will aid DA-IICT in areas such as increasing research opportunities and student placement.

1.2 The standard terms and conditions for consultancy assignment are described in section-2. The scope of the consultancy does not include sponsored research projects and other engagements where DA-IICT has a MoU with concerned sponsoring organization.

File Description	Documents
Upload relevant supporting document	[View File](#)

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

6.46

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

Various kinds of extension activities were conducted during the past five years by the university. Students and faculty members on the campus carried out these activities. Our community service student group Sambhav is active in organizing various activities for the social cause.

Few of these activities include:

- Blood donation camp,
- Old age home visit,
- Orphanage visit,
- Vigyan Shala visit,
- Swachhata Hi Seva,
- Cloth collection and distribution etc.

The B.Tech curriculum at DA-IICT includes rural internship (RI-One of the best practices of DA-IICT) as a compulsory component. Each group of Students carry out 4 weeks of internship by and spending time with the villagers. The best part of our RI is that when the students graduate, they describe rural internship as one of the best experiences that they had at DA-IICT. Students work in various types of NGOs; some work on education, some are into bringing awareness, some fight for the rights of some groups, some are committed to health, some work for solid waste management and environment.

Supporting Documents: http://intranet.daiict.ac.in/~daiict_nt01/NAAC-CYCLE-2/7.2.1_Supporting-Documents/

File Description	Documents
Upload relevant supporting document	View File

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

2

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

140

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

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3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

60

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

33

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The institute has equipped all lecture theatres and class rooms with adequate ICT infrastructure. For instance, every classroom has a desktop PC, projection facilities, along with document cameras. In the recent light of the pandemic, all classrooms were enhanced with live streaming cameras, digital touch pads, collar and podium microphones to ensure that the lecture is clearly audible across the online platforms. The institute also migrated to institute wide Google suite membership, this ensured all video and lecture material pertinent for a course, to be available to students 24/7 access from anywhere. Remote access was provided through VPN for students to have access to the labs, both instructional and research labs.

File Description	Documents
Upload relevant supporting document	[View File]()

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

The institute supports and provides encouragement to students to actively participate in sports and extra-curricular activities. The Student Activity Center (SAC) and its surrounding area have been conceptualized as a center that can accommodate a variety of sporting interests that include:

- **Three indoor Badminton Courts (2200sq meters) that doubles up for tournaments of other sports and events.**
- **Well-equipped Gymnasium& Yoga hall on the first floor of the sports complex.**
- **Four Table Tennis Tables**
- **A 15,000 sq meters cricket ground that can also be used as the football ground, with a walking track.**
- **Two Volleyball Courts**
- **Two rubberized Basket Ball courts**

File Description	Documents
Upload relevant supporting document	[View File]()

4.1.3 - Availability of general campus facilities and overall ambience

For academic purposes, the institute has general purpose labs for B Tech and M Tech, MSc DS and common research labs for PhD scholars.

For non-academic related purposes, the institute always has been an active and buzzing ambience environment to be part of. With a multitude of clubs organizing events round the year, there are also few clubs that encourage participation from the technically inclined groups of the student community. Electronics Hobby Club (EHC), DA-IICT Linux Users Group (DLUG) and IEEE (Institute ofElectrical and Electronics Engineers) Student Branch belong to this category. EHC is a place for playing with electronic circuits and instruments out-of-the-classroom. DLUG has been committed to actively promote the use of Linux and other open source software for strengthening the objective of the worldwide open source movement.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

307.9

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Koha ILMS and DSpace

The integrated library management system (ILMS) of KOHA has been effectively utilized to provide seamless access to the whole range of resources in all formats.

The digtisation of Phd thesis and PG dissertaions has been achieved with DSpace.

Migration from commercial software, SLIM++ to KOHA (ver 16.11.06.000)was made in May 2017.

Our library team implemented the KOHA without any external help. We migrated about 30000 bibliographic records and 4000 student records. We also integrated the bar code scanner and book label printing software with KOHA.

The evaluation of key functional aspects of KOHA was done during the user experience exercise.

·Opening screen (Home Page) layout

·Ease of navigation

·Search efficiency and accuracy

·**Use of search filters**

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

141.99

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

432

File Description	Documents
Upload relevant supporting document	View File

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

33

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

10-03-2023 11:14:10

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

DAIICT provides a variety of IT infrastructure and services for academic and administrative purposes.

The benefits of this ICT policy is to sets out the conditions under which access to the computing resources at DAIICT is granted to users; this covers all services and resources provided by the ICT team. The purpose of this policy is to outline the acceptable use of computing resources at DAIICT. These rules are in place to protect the users at DAIICT. Inappropriate use exposes DAIICT to risks including virus attacks, compromise of network systems and services, and legal issues

Before the start of financial year Executive Registrar inform the ICT-Convenor to provide budget estimates with priority and ICT-Convenor will forward the ICT budget estimates after taking input from Manager-IT&Systems/Lab Superintendent. After the start of financial year ICT department will raise indent for individual items and will be processed as per priority. Minimum budget of 40-50 Lakh is provided every year for maintenance of computers, printers, network & other accessories. For up-gradation and deployment of new technology and renewal of software subscription and also institute provides extra budget as & when required.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
2074	1210

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- **?1 GBPS**

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio

A. All of the above

visual centre Lecture Capturing System(LCS)
Mixing equipment's and softwares for editing

File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

636.88

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Personal computers and peripherals are assigned to faculty and staff for use in their offices. A faculty member may get an authorized Computing resource account created for a visitor by requesting the Helpdesk. The institute has four servers dedicated for research purposes. Student requests through their supervising Faculty are approved by the ICT convener.

Recently the institute was also awarded the ParamShavak supercomputer for which a dedicated supercomputing facility has been set up. This high performance computing resource is open to all faculty and students for research purposes. Additionally, the institute also has a HPC cluster again open for research activities.

Regular clean up drives are conducted to remove stale components, old equipments and desktop PCs with old specifications. Other existing PCs are upgraded with higher RAM , SDD and so on. The general infrastructure of the labs such as the furniture and equipment are also changed on need basis.

File Description	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

884

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

476

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology   **A. All of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of   **● All of the above**

online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

17

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

477

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

17

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

16

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

DA-IICT has a Student Body Government (SBG) which comprises more than 100 plus members acting as representatives to 9 committees: Academic Committee, Cultural Committee, Hostel Management Committee, Sports Committee, Annual Festival Committee, Cafeteria Management Committee, ICT Committee, Student Placement Cell and Tech Support committee. Apart from these committees, there are nearly 25 hobby-driven clubs who conduct various activities for the students as a part of the SBG calendar. The primary objective of SBG is aimed at monitoring and regulation of all student activities, justice and equality in all aspects of student life and enhancing the overall development of all students. The key elements of SBG which makes it unique are:

• SBG serves as the main forum for discussions of student opinions, concerns, plans and activities.

• The members are elected through Parliamentary elections conducted by the Election Commission, DA-IICT. The members of SBG (9 committees), among them, elect Convener, Deputy Convener, Treasurer and Secretary of the SBG, known as the SBG Core Team.

• The SBG Core Team acts as an interface between the SBG (the student community representatives) and the Administration/Faculty. Dean (Students) is the official mentor of the SBG. In addition to coordinating activities of the various committees and clubs, SBG core also ensures that calendar clashes are prevented among these activities.

File Description	Documents
Upload relevant supporting document	View File

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

16

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

The DA-IICT Alumni Association exists to create and maintain a life-long association between the Institute and its alumni. The Association works to connect alumni, support students and build an extraordinary Institute experience through a diversity of events and celebrated traditions. The mission of the Association is to cultivate strong bonds between alumni, students and the Institute, to keep alumni acquainted, and create a network enabling them to remain involved with their alma mater.

The name of the institute's registered alumni association is DA-IICT Alumni Association. Its date of registration is: 24 Dec 2017. It has its Bylaws, its own PAN card, it has applied for registration under 80G. The first Executive Committee of this AA is formed by DA-IICT Director's choice.

The Alumni Association, with a membership of over 5000, supports and promotes the interests of the Institute and expands awareness of its achievements within the country and abroad. The Director announced the first executive committee of the newly registered Alumni Association with Dr. Vinod Kumar Mall (2015 batch alumnus) as President at a meeting held on 19th September 2017. In this meeting, the newly elected Committee discussed matters of mutual interest particularly, on protecting and strengthening the relationship between the Institute and Alumni Association, contributions of alumni in upgrading the Institute's academic and Alumni Association Activities and Achievements research activities and membership of

Alumni Association, i.e., annual and life memberships.

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)   A. ? 5Lakhs

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Vision: To help build intellectual a knowledge-led society founded on intellectual competitiveness for global leadership.

Mission: to 1) become a first choice academic institute for students both in graduate and post-graduate levels, (2) offer to them a dynamic faculty, a sensitive administration, (3) enable them to function within an atmosphere of innovation, emphasizing academic cooperation and global collaboration, (4) continuously adapt to the changing needs and demands of Information and Communicational technology, (5) encourage innovation and interdisciplinarily, (6) integrate ICT with subjects in humanities, social science to provide a holistic and well-rounded education to the students.

DA-IICT has planned to introduce new academic programs with

- Greater flexibility- Choice based curricula.
- Multidisciplinary, Interdisciplinary and holistic education across science, social sciences, humanities, and arts to ensure the unity & integrity of all knowledge.

DAIICT has introduced following changes in the academic and administrative governance.

- Appointment of Associate Deans of Academic Programs and

Research to strengthen the Dean of Academic Programs and Dean Research and Development in discharging their duties.
- Creation of 3 new posts (Assistant Registrar, Media Officer and Media consultant) in the administration for smooth operation.

A sizeable number of scholarships are also provided to the needy students for their development. Institute has disbursed in last five years Rs.3,56,66,500 to UG students, including NRI, and PG students (MSc-IT, MSc in DS) as scholarships (merit, merit cum means). Additionally, institute has disbursed on average Rs.12,72,89,942 in last five years towards scholarships to Teaching Assistant, and PhD scholars.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

Director along with three Deans, two Associate Deans, and Executive Registrar are integral part of strategy planning and implementation. The names of Deans, academic and research, are proposed by Director and approved by President, DAIICT for a period of three years extendable up to five years. They along with faculty and staff members play important roles in collective decision making, for smooth functioning of the academic administration, in promotion of research activities and in providing an overall growth of the Institute. Deans and Associate Deans are selected by rotation so that senior faculty members get opportunities to provide leaderships.

Decentralization is implemented with proper and appropriate delegation of powers as per MOA to the Director, Dean Academics, and Dean R&D, Executive Registrar. The institute takes policy decisions through its statutory bodies viz., Academic Council for academic matters, Finance committee for fund management.

The Institute has constituted various committees as per policy guidelines and implementation strategies mentioned in the office orders for seamless functioning of activities related to academics, research, and students' activities. These are i) Board of Studies, ii) Under Graduate (UG) Committee, iii) Post Graduate (PG) Committee, iv) ICT Committee, v) Campus Learning Management System (CLMS), vi) Resource Centre Committee, vii) Placement and Internship

Committee, viii) Continuing Education Program (CEP) Committee, ix) Disciplinary Action Committee (DAC), Gender Cell Committee, x) International Students Office, xi) Web Committee, viii) Thesis Award Committee, xii) Social Media Committee, xiii) Annual Report Committee.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The strategic plan of the institute is effectively deployed in the following areas:

- Teaching and learning
- Research and development
- Accreditation, participation in state and national ranking and implementation of NEP2020
- Human resource planning and development
- Industry interaction

After 20 years of existence DA-IICT has prepared a Strategic Plan for itself, wherein it has clearly described its aspirations as i) Short Term goals and iii) Long term goals. This strategic plan not only includes infrastructural overhauling but also academic reorganizing in terms of periodic revision of curriculum, proactive research and development policy, means and measures towards attracting and retention of qualified faculty, inclusion of industry experts in the decision making bodies of the institute as well as partner with them through joint Memoranda of Understanding (MoU). MoUs with Foreign Universities for partnership in joint research, curricula development, student/faculty exchange and sabbatical options.

The Institute has registered for National Academic Depository on 17 September 2020 . The institutional ID for NAD is NAD003426.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institute is administered effectively through strong leadership, and mission-driven teamwork. The primary objectives of the administration are continuous improvement, and provide quality well-rounded education at UG and PG levels. Important institutional bodies are i) Board of Governors, ii) Academic Council, iii) Finance Committee, and iv) IQAC. Institute has adopted a decentralization management policy by delegating powers to Dean Academic, Dean Research, and Dean Students. Institute has well documented Purchase Policy. Finance Committee before the start of the new financial year, prepares an estimated Budget after discussing with different stake holders like Deans, Faculty members, ICT Convener.

Institute has a Policy on Cumulative Professional Development Allowance (CPDA) of Rupees 3.0 lakhs for every block of three years on a reimbursement basis to the faculty members (after completion of the Probation period) to support the following:

- **Attending international/ national conferences/ symposiums/ Purchase of Books**
- **Attending training and research programs for professional development**
- **Membership of Professional Bodies**

Institute has a well-defined Consultancy policy to set out guidelines and procedures governing consultancy assignments taken by the faculty members. There is a Seed Grant policy for the faculty members to set out the guidelines and procedures governing seed grant. The Intellectual Property Rights (IPR) Policy prescribes mechanism via which inventions generated at the institute can be protected.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation   A. All of the above

1. Administration
2. Finance and Accounts
3. Student Admission and Support

4. Examination

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting document	[View File]

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The institute is administered effectively through strong leadership, and mission-driven teamwork. The primary objectives of the administration are continuous improvement, and provide quality well-rounded education at UG and PG levels. Important institutional bodies are i) Board of Governors, ii) Academic Council, iii) Finance Committee, and iv) IQAC. Institute has adopted a decentralization management policy by delegating powers to Dean Academic, Dean Research, and Dean Students. Institute has well documented Purchase Policy.

The faculty is the most valuable resource of an institute besides, possibly, the students. To attain and sustain an eminent status, an institute has to utilize its faculty resource to its fullest potential. This is achieved by enabling the objectives of the institute to be aligned with that of the faculty.

The Welfare measures for teaching and non-teaching staff include:

Health center facilities :

Two visiting doctors visit the center every day at fixed hours on all working days for the students, faculty & staff members. Panel of medical specialists is also available. Institute has a stress management center. DA-IICT has a tie-up with various reputed Hospitals in and around Gandhinagar for the Cashless treatment of staff and faculty members.

File Description	Documents
Upload relevant supporting document	[View File]

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

36

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

14

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Institute proactively working to get funds from various sources such as sponsored research, consultancy, fees, Alumni, Anchor Institute Program (AIP), GoG, etc. The primary goal of the institute is to utilize these resources optimally towards scholarships, building a vibrant academic &research, and innovation eco system to attract best faculty, staff members, students, and infrastructure development.

The long term plans of the institute are

- Introduction of Online/ blended Distance Learning programs- Executive Development Program, Certificate/ Degree Courses, etc. The institute wishes to exploit the research led academic environment to further enhance the earning.
- Institute has a registered Alumni society since 2018 and wishes to establish a stronger bond with the Alumni both nationally and internationally. This will lead to proactive participations of the Alumni in collaborative research and consultancy.
- Institute will encourage interested Alumni to join as Professor for Practice.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	No File Uploaded

6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	No File Uploaded

6.4.4 - Institution conducts internal and external financial audits regularly

One of the important institutional bodies-the Finance Committee Chaired by the Director monitors and regulate the financial resources of institute. The primary goal of the Finance Committee is to estimate the budget after discussing with important stakeholders Dean - Academic Program, Dean Research & development, ICT Convenor, Library Committee, Dean Students, etc., before the start of every

financial year. The internal audit is conducted twice a year. The Internal Audit mechanism is in fact a budgetary control system. Financial control is undertaken after periodic comparison with actual income and expenses. Budget Estimate is prepared based on income and expenditure. The internal Auditor's report is analyzed by the Finance Committee under the Chairmanship of the Director and a revised budget estimate is prepared in the month of September to reallocate the budget depending upon the emergent need of the institute. The Institute have both internal and external Audit system. All vouchers are internally audited before it is produced to Statutory Auditor.

The accounts of the institute are audited by an Independent Chartered Account Firm at the end of each financial year and is approved by the Board of Governors. The Annual Balance sheets are uploaded on the institute websites.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

We have internal committees to take care of most of the operations, policy-wise. The success of these committees may depend upon two factors, a) input gathered from the feedback (reactive mechanism) and b) the proactive spirit of continuous process improvement. We have been gathering the exit feedback of the graduating UG students since 2011 or so. A consolidated analysis was put up for discussion in IQAC meeting of Jan 2020.

After the constitution of IQAC in 2017, IQAC has contributed in different areas of governance and academic development of the institute. Some of the major achievement are as follows

- In the last 5 years three new multidisciplinary and multi-institutional programs have started e.g. M.Tech. (EC) is offered jointly by CR Rao Advanced Institute of Mathematics, Statistics and Computer Science (AIMSCS), Hyderabad and DA-IICT, MSc in Data Science, B.Tech in Mathematics and Computation.

- **Contents of all the programs are reviewed / updated with the inputs of all stakeholders.**

- **For research promotion, workshops/seminars/conferences have been organized and attended by faculty. This has resulted collaboration with other institutes and opportunities of new MoUs.**

- **Based on the analysis in IQAC meeting of Jan 2020, it was decided that each instructor will submit his/her evaluation policy at the beginning of the semester. And it should be recorded in the course file submitted by the instructor.**

- **Feedbacks, are collected from Students, Faculties, Employers, and parent's feedback regularly.**

- **Process of procurement of an Institutional ERP and constitution of Technical Committee have been completed in September 2021.**

File Description	Documents
Upload relevant supporting document	[View File](#)

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)   **A. Any 5 or all of the above**

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting documnent	[View File](#)

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

In NIRF ranking, DA-IICT continued to be within the top engineering Institutes in the country by obtaining 107 rank in 2021. Remaining outside top 100 institutes is not what we deserve, that we all feel, but perhaps we haven't understood the difference of performing well and being capable of. Despite having such an excellent graduate outcome performance we are trailing because of diversity, infrastructure and similar parameters which are not in our control.

-The Gujarat State Institutional Framework (GSIRF), Government of Gujarat, consistently rated DA-IICT as a Five Star Institution (2022).

-In pursuit of responding the need of the time, we are committed to add some new degree programmes in our offering. Such programmes are also in the larger interest of our existing faculty. This year we added two new programmes:

- A new UG programme called BTech (Mathematics and Computing) was introduced from Academic Year 2020-21.
- A new PG Programme called MSc (Data Science) was approved by Academic Council on 7 January 2020 and started from the Academic Year 2020-21.

-Curriculum review of BTech (ICT) programme took place. A committee was announced on 12 Feb 2020 with Prof. Sanjay Srivastava as Convenor.

File Description	Documents
Upload relevant supporting document	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender Equity is one of the core values of this Institute. It has been ensuring gender equity through its institutional structures as well as through its larger campus culture. It has striven to secure equity of representation, responsibility and opportunity for its faculty, staff and students and sought to mainstream gender equitable values in its classrooms and campus.

The institute takes utmost care for the safety and security of the students by installing CCTV in the girls' hostel, engaging a lady

guard, 24 x 7, in the girls' hostel and by enforcing main gate time in-time out restrictions for all students.

The institute has one full time and one-part time and one full time counsellors for the students who besides interacting with the students, organizes sessions on various topics like gender sensitization, security, mental health etc.

The following are some of the specific events and activities organised on campus on gender sensitization.

- **An online portal on our website has been inbuilt in the institution for a long, to allow easy access to students, etc to details of gender cell in case of need.**
- **A Gender Sensitization Play was also created by DA-IICT Theatre Group in collaboration with Gender Cell, DA-IICT under the creative supervision of Prof. Shweta Garg which turned out to be very impactful, breaking the barriers to the old conservative mentality in the society.**

File Description	Documents
Upload relevant supporting document	[View File](#)
Annual gender sensitization action plan(s)	https://www.daiict.ac.in/internal-complaint-committee
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://daiict.ac.in/naac-c2-chapter-7#7.1.1

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy   Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Food Waste:

- Wet and Dry Waste are collected by the Gandhinagar Municipal Corporation on daily basis.
- Surplus food is donated by FBOs to the needy persons to feed cattle.
- Skins of fruit and vegetables is used for Wormy Compost.

Liquid Waste Management:

We have Sewage Treatment Plant with capacity of approx. 3.50 Ltrs per Day. The incoming used water quantity for STP is approx. 4.00 Lakh Liters per Day out of 3.00 Lakh Ltrs is being treated. The Sewage Treated water is used for irrigation.

- Primary Treatment: It consists of temporarily holding the sewage in a mud tank where heavy solids can settle to the bottom. The settled solids discharged in underground storage tank and reuse as fertilizer.Secondary Treatment: It removes dissolved and suspended biological matter. Secondary treatment may require a separation process to remove the micro-organisms from the treated water prior to discharge.

E-waste Management:

System administrator and Lab superintendent identify the electronic material to be disposed of. They prepare the list of the same with other information and reasons for the same. They send the list of material for approval of disposal to the Executive Registrar.

Waste recycling system

Horticulture Waste:

- Dry leaves and flowers, cut lawns, hedge etc., are being processed as Organic Waste Compost and Wormy Compost.
- The fertilizer generated from above sources is being used for horticulture

File Description	Documents
Upload relevant supporting document	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Upload relevant supporting document	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions/awards**
5. **Beyond the campus environmental promotional activities**

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

The institution provides various opportunities for students to interact with and embrace different cultures. As a result, students come together to celebrate various festivals from different communities and regions of India. From making a Rangoli to making a Halloween-themed artwork to dancing the Garba on Navratri or learning the Bhangra no matter what the culture is students of DAIICT participate in all with equal enthusiasm.

Amongst the late-night gaming sessions with friends, events like Kala (a competition to showcase their dancing, theatrical and musical skills along with their expressing power through poetry) Open Mic (where everyone is given a chance to speak and feel included and heard), Antakshari (a competition that brought back the 90s with the 2000s and the whole of India in one night) and Dance Tutorial Videos (where one had a great opportunity to learn various dance forms) were kept alive with great warmth and energy.

More significantly, to understand the economic hardships triggered by the lockdown and the demands of online learning, multiple surveys were held to understand the nature of the crisis within the student community. After several rounds of survey and analysis a "Student

Emergency Fund" was created and a committee was formed to work for students whose families were impacted financially during COVID. The committee took donations from students and affiliated faculty and also held a MILAAP campaign for canteen workers impacted by the pandemic.

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The institute promotes the secular, democratic and inclusive values enshrined in our Constitution. Students are encouraged to exercise their fundamental freedoms with a clear understanding of duties too.

The Student Body Government is formed by the will of students through elections where all students are equally eligible to be represented or elected as a head of the student body without any discrimination. All other student clubs and bodies are founded on similar democratic values and participation and membership is open to all. Within the classroom, students are sensitized to present their views through reasoned argument and in a language that does not offend class, caste, religious or ethnic sensibilities. The Gender Cell promotes gender sensitization in all aspects of campus life.

Students are encouraged to be mindful of the dignity of labour and treat all those working within the campus as staff and help with kindness and respect. The Disciplinary Action Committee and the Gender Cell addresses student grievances and makes sure that all violations of personal freedoms and dignity or the damage of private and public property are prevented or rectified.

The Institute follows a strict anti-ragging policy as part of a larger initiative to ensure no kind of caste, class or gender based exploitation of discrimination against students nor any kind of verbal or physical abuse is tolerated in campus.

As already mentioned the institute mandates the celebration of festivals and cultural events from all cultures and communities in India.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers,   All of the above

administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution organizes national memorial days such as Independence Day and Republic Day to instill patriotism in pupils. Flag hosting occurs on these days, followed by different ceremonies/events dedicated to our nation by various clubs and committees. Teacher's Day is an important day for students and professors because students pay tribute to their teachers by performing various performances such as plays, and so on, and dedicate an entire day to the gurus of our lives. The institution also commemorates international commemorative days such as Women's Day, where sessions were held by clubs and the Gender Cell with the assistance of professors on the topics of enlightenment, great misconceptions, and the hotly debated - Feminism (The F-word). The podcast link is also included below. On the occasion of Women's Engineering Day, the institution also hosted a national-level ideathon with some curated insightful themes to brainstorm and come up with amazing solutions that can actually make a difference. On the occasion of International Women's Day, our valued guest speaker Ms. Henna Awtaney from Yoga and Wellness Studio, Ahmedabad, also hosted a webinar on the theme of Yog Shakti.

The Institute also celebrates International Yoga day with participation of both students and faculty.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in 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 typically chaired by a senior faculty of the Institute, and is composed of experts from industry, research organizations, and academia. The local, national and global needs are always kept in view while developing the curriculum of a programme.

File Description	Documents
Upload relevant supporting document	[View File](#)

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

5

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

186

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

186

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

9

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The curriculum of all programmes emphasize in integrating cross-cutting issues relevant to professional ethics, gender, human values, environment, and sustainability with a view to ensure holistic development of the students. Faculty members adopt a variety of innovative pedagogical approaches to enhance teaching-learning and evaluation, namely, project-based learning, flipped classroom, readings-presentation, etc.

The course Environmental Sciences in the undergraduate programmes make all students aware of the environment and its associated parameters and values to the society. The institute continually integrates a large number of open electives in the areas of ethics, human values, gender, and organizational behavior and human development. Technical Writing, Research Methodology, and Narratology are PG level courses that enhance students' skills for professional ethics and development. Gender sensitization sessions are conducted in every academic session for making students acquainted with campus life.

Furthermore, our student body is composed of a variety of co-curricular and extra-curricular activities by the student clubs throughout the calendar that provide substantial value addition to the overall growth of the students.

File Description	Documents
Upload relevant supporting document	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

517

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

1386

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni	• **All 4 of the above**

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows	• **Feedback collected, analysed and action taken and feedback available on website**

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

760

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

132

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the studentsand organises special Programmes for advanced learners and slow learners

The Institute has a system in place to assess advanced learners and slow learners.

Advanced Learners: If a student shows his/her academic progress with high Cumulative Performance Index (CPI), he/she is considered as an advanced learner. The Institute allows advanced learners to take extra courses for credit and audit, to enroll in higher level courses, which encourage students to enhance their knowledge to a great extent. The Institute also provides advanced learners an opportunity to help the course instructor in laboratory work or engage them in Study hours. This experience is valuable, as it helps motivated students secure admissions in higher education. Working in such projects enables students to enrich their knowledge.

Slow Learners: Remedial classes, extra sessions, tutorials are offered in every semester for the students who are found slow learners. Students who show poor academic performance after the evaluation of a semester are put on academic probation. The course instructor plans for the remedial sessions for his/her course and implements the same as and when the demand arises. A good number of courses are offered in the Summer semester in

which a student can clear any backlog course(s) and opt for course(s) improvement as per the academic guidelines.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link For Additional Information	https://www.daiict.ac.in/naac-c2-chapter-2#2.2.1

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
2074	**74**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

The institute believes that teaching courses not only imparts knowledge to the students, but is also a way for the faculty members to explore new areas. In order to make course student centric, the course instructor adopts the following in teaching-learning and assessment mechanism:

- **Project based learning**
- **Assignments, Quizzes, and Lab practices**
- **Peer discussion**
- **Project and presentation**

One major challenge in effective teaching pedagogy is large class size. In courses with a large student registration or with labs/tutorials, some of our postgraduate students or senior undergraduate students are appointed as teaching assistants who help the faculty members implement the pedagogy effectively. This has multiplebenefits (a) the students find it easy tointeract with their senior students and thus get their doubts clarified, (b) the teaching assistants get to revisit some of the concepts they might have studied earlier while gaining some teaching

experience, (c) the instructor gets feedback from the teaching assistants on the progress of the students. The classrooms are equipped with computer systems, projectors, document cameras, tablets to support a wide variety of teaching methods. Instructors are encouraged to share the teaching material and references via various Learning Management Systems like Moodle or Google Classroom, or through our Intranet.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

Being an ICT focussed institute proactively uses the latest ICT-enabled tools for its academic and research activities. All the faculty members use ICT tools, in one form or the other, to teach and train the students. Faculty use LCD projectors/document-cameras/laptops/desktops/smart-pen-tabs/video-conferencing/printers/photocopiers/Pen Drives/scanners/microphones, and other e-learning tools to enhance the quality of teaching and learning. E-mails, Youtube, WhatsApp-group, Skype, Webex, Google classroom, moodle (https://moodle.daiict.ac.in/), daiictpdc (http://intranet.daiict.ac.in/) etc. are used as platforms to share information, communicate, provide course material, make announcements, provide/evaluate assignments, make presentations, doubt clearing, course evaluation and mentorship. There are more than 20 ICT enabled classrooms in addition to three big Lecture theaters, conferenceroom and Mini-Auditorium, equipped with all digital facilities such as touch screen, smart-writing pad, mike, projector, cameras and computer system. Anti-plagiarism software is usedto check the authenticity of research/project reports submitted by students. Most of the staff members also use ICT tools to create an effective and efficient academic and research ecosystem on campus. Internet and Wifi facility is made available to all members in the Campus 24x7.

Faculty members use innovative practices to develop e-content and share itwith students. Faculty and students are also provided remote access to computing facilities of the institutes.

File Description	Documents
Upload relevant supporting document	[View File](#)

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

62

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

74

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

72

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

611

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

11

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

10

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

10

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

11

File Description	Documents
Upload relevant supporting document	[View File](#)

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The Controller of Examination (CoE) office is handling the examinations of the institute.

Question Paper Upload System (QPUS): The course instructor uploads question papers through QPUS, which is regulated by the CoE office. The QPUS system is locally configured on Moodle server which allows the users (pre-defined) to upload the question papers pertaining to their courses. The system has an auto-email notification feature which sends two-way communication

(course instructor as well as CoE) regarding any action taken by the course instructor. Considering security, the QPUS is made available on intranet with the restricted IP range only.

Depository of Question Papers or Question Banks (DQP/QB): The CoE office manages the depository of the question papers for the exams which are administered by them. These question papers are saved on a drive in a soft copy format also.

Examination Schedule Generator (ESG): While preparing exams schedule, the ESG takes care of following criteria while designing the schedule: exams slots; utilization of room capacity and optimizing distribution; invigilation and question paper distribution to exam halls.

During the ongoing Covid - 19 periods, the CoE office conducted exams using online mode on Google Classroom and on the OPEP (Online Proctored Exam Platform).

File Description	Documents
Upload relevant supporting document	[View File](#)

2.5.4 - Status of automation of Examination division along with approved Examination Manual	A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

Each course outline indicates how the lectures, readings, assignments, labs, and assessment policy and the expected learning outcomes, which are aligned with the programme educational objectives. In the beginning of each semester, the outlines, learning objectives and outcomes of all courses are published to the students.

Graduate Attributes:

· The graduates of our BTech and MTech programmes acquire core principles of engineering knowledge in ICT, Mathematics, Physics, Humanities and Social Sciences to solve complex engineering problems in the field of ICT and allied domains.

· The graduates of our BTech, MTech and PhD programmes identify, analyze and formulate complex engineering problems which they have competencies to solve with their acquired foundational and practical knowledge.

· The graduates of MSc and MDes programmes acquire technical skills and hands-on experience, which they apply for problem solving in IT applications in industry.

· The graduates use modern tools by which they can create, select, and apply appropriate techniques and IT tools including prediction and modeling skills to implement real-world problems which will have value to our society, e.g. safety, health, agri-business, etc.

· The graduates are trained with the impact of the professional engineering solutions in societal and environmental contexts, and they are able to adhere to the factors of environmental contexts while applying their skills for solving real-world problems.

·

File Description	Documents
Upload relevant supporting document	[View File](#)

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

Attainment of the Programme Outcomes

The programme outcomes for all programmes make contribution to the civic body through knowledge discovery, innovation, problem solving, and lifelong learning. The number of students graduated, employed and pursued in higher studies across all the programmes is an evidence of the attainment of the programme outcomes. The feedback system of different stakeholders which is in place in the Institute helps it to measure the attainment of the programme outcomes.

Attainment of the Programme Specific Outcomes

The programme specific outcomes is measured by taking the aggregate performance of all courses in a specific programme of an individual student, and then the average performance of all the students in that programme. Semester Performance Index (SPI) of an individual student versus average SPI of all students gives an impression on how the PSOs meet their objectives and what measures can be taken further to improve PSOs.

Attainment of the Course Outcomes

The Course Outcomes of each program are measured through syllabus, completion of syllabus, continuous evaluation, question paper, labs assessment, projects, and grading. The continuous evaluation is done through tests, quizzes, home assignments, project presentations, viva-voce, and so on. The in-semester and end semester examinations of every course are based on a written examination, and the other evaluative components are dedicated by the course instructors and the same is shared with the students in the beginning of the semester.

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

563

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

https://www.daiict.ac.in/stakeholder-feedback

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

DAIICT iscommitted towards developing and maintaining high standards inboth research and teaching. Our faculty and students contribute to research in the field of ICT and various allied areas. DAIICT provides a conducive environment that fosters interdisciplinary research in cutting-edge areas. Quite a good number of Govt. sponsored projects and consultancy works are undertaken by the faculty. Close to 80-PhD students have graduated so far and are well placed with few of them pursuing/pursued post-doctoral studies. DAIICT has been awarded the best university in innovation by GOG. Numberof research groups, research labs, faculty with high research credentials, subscriptions to conference articles/journals from reputed publishers have contributed to our quality research. The Institute has a research promotion committee (RPC) headed by senior faculty. The-faculty-at-DAIICT-contributes-to-sponsored-research-as-well-as-carryout-consultancy-works-in-different-areas. Our-research-contribution-has-grown-over-the-last-few-years. In this respect, DAIICT has a good number of research labs, including the DAIICT Center for Entrepreneurship and Innovation (DCEI), thus encouraging the establishment of startups. Research activities are greatly encouraged by providing seed funding, Cumulative Professional Development Allowance (CPDA) and financial assistance to students for attending national/international conferences. Joint thesis guidance and publication collaboration with leading institutes such as IIT Jammu has encouraged us to conduct better quality research.

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

43

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

39

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery	A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources

such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

516

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

DA-IICT Center for Entrepreneurship and Incubation (DCEI) provides an innovation ecosystem to support both students and faculty members with an entrepreneurial bent of mind to come up with innovative ideas and channelise their efforts to give birth to new ventures in the ICT domain. It aims to create entrepreneurial environments that facilitate connections and speed innovative ideas from concept to reality.

The DCEI is currently supported by the Ministry of Electronics and Information Technology (MeitY) to nurture and develop

business ideas based on the latest and emerging technology. It has received following grants:

- A grant of Rs. 150.0 lakhs under the scheme 'Expansion of Technology Incubation and Development of Entrepreneurs (TIDE)' from MeitY.
- A grant of Rs. 15.0 lakhs from the Industries Commissionerate.
- First installment of Rs. 10.0 lakhs out of a total sanctioned grant of Rs. 100.0 lakhs for five years under SSIP.

The DCEI has also been recognised as a Nodal Institute for Start-up/Innovation to mentor the innovators by the Industries Commissionerate, Government-of-Gujarat. It is also a Partner to Govt-of-Gujarat (Ministry of Education) under SSIP (Student Startup and Innovation Policy).

The-funding-disbursed-by-the-DCEI-to-Start-ups-has-resulted-in-many-incubates-out-of-which-two-are-started-by-DA-IICT-faculty. For example, Almaconnect Solutions Private Limited creates a network for educational institutions and tracks its alumni members.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

3

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

3

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

7

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following 1. **Inclusion of research ethics in the research methodology course work** 2. **Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)** 3. **Plagiarism check** 4. **Research Advisory Committee**	**A. All of the above**

File Description	Documents
Upload relevant supporting document	View File

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website	**A. All of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

10-03-2023 11:14:11

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

52

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

126

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS	B. Any 4 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
1608.5	905.2

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
25	20

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

1. Preamble: 1.1 The purpose of the consultancy policy is to set

out the guidelines and procedures governing consultancy assignments taken by the faculty members of DA-IICT. Faculty members may take up consultancy assignments provided they do not have any adverse impact on their ongoing academic and administrative responsibilities to the institute. The goal of the consultancy is to enhance their professional and/or academic competence and experience. This will also establish the link between the DA-IICT and external organizations (Industry, Service Sector, Government Departments and other agencies) that will aid DA-IICT in areas such as increasing research opportunities and student placement.

1.2 The standard terms and conditions for consultancy assignment are described in section-2. The scope of the consultancy does not include sponsored research projects and other engagements where DA-IICT has a MoU with concerned sponsoring organization.

File Description	Documents
Upload relevant supporting document	[View File](#)

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

6.46

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

Various kinds of extension activities were conducted during the past five years by the university. Students and faculty members on the campus carried out these activities. Our community service student group Sambhav is active in organizing various activities for the social cause.

Few of these activities include:

- **Blood donation camp,**
- **Old age home visit,**
- **Orphanage visit,**
- **Vigyan Shala visit,**
- **Swachhata Hi Seva,**
- **Cloth collection and distribution etc.**

The B.Tech curriculum at DA-IICT includes rural internship (RI-One of the best practices of DA-IICT) as a compulsory component. Each group of Students carry out 4 weeks of internship by and spending time with the villagers. The best part of our RI is that when the students graduate, they describe rural internship as one of the best experiences that they had at DA-IICT. Students work in various types of NGOs; some work on education, some are into bringing awareness, some fight for the rights of some groups, some are committed to health, some work for solid waste management and environment.

Supporting Documents: http://intranet.daiict.ac.in/~daiict_nt01/NAAC-CYCLE-2/7.2.1_Supporting-Documents/

File Description	Documents
Upload relevant supporting document	[View File](#)

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

2

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

140

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

60

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

33

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The institute has equipped all lecture theatres and class rooms with adequate ICT infrastructure. For instance, every classroom has a desktop PC, projection facilities, along with document cameras. In the recent light of the pandemic, all classrooms were enhanced with live streaming cameras, digital touch pads, collar and podium microphones to ensure that the lecture is clearly audible across the online platforms. The institute also migrated to institute wide Google suite membership, this ensured all video and lecture material pertinent for a course, to be available to students 24/7 access from anywhere. Remote access was provided through VPN for students to have access to the labs, both instructional and research labs.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

The institute supports and provides encouragement to students to actively participate in sports and extra-curricular activities. The Student Activity Center (SAC) and its surrounding area have been conceptualized as a center that can accommodate a variety of sporting interests that include:

- Three indoor Badminton Courts (2200sq meters) that doubles up for tournaments of other sports and events.
- Well-equipped Gymnasium& Yoga hall on the first floor of the sports complex.
- Four Table Tennis Tables
- A 15,000 sq meters cricket ground that can also be used as the football ground, with a walking track.
- Two Volleyball Courts
- Two rubberized Basket Ball courts

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

For academic purposes, the institute has general purpose labs for B Tech and M Tech, MSc DS and common research labs for PhD scholars.

For non-academic related purposes, the institute always has been an active and buzzing ambience environment to be part of. With a multitude of clubs organizing events round the year, there are also few clubs that encourage participation from the technically inclined groups of the student community. Electronics Hobby Club (EHC), DA-IICT Linux Users Group (DLUG) and IEEE (Institute ofElectrical and Electronics Engineers) Student Branch belong to this category. EHC is a place for playing with electronic circuits and instruments out-of-the-classroom. DLUG has been committed to actively promote the use of Linux and other open source software for strengthening the objective of the worldwide open source movement.

File Description	Documents
Upload relevant supporting document	View File

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

307.9

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Koha ILMS and DSpace

The integrated library management system (ILMS) of KOHA has been

effectively utilized to provide seamless access to the whole range of resources in all formats.

The digtisation of Phd thesis and PG dissertaions has been achieved with DSpace.

Migration from commercial software, SLIM++ to KOHA (ver 16.11.06.000)was made in May 2017.

Our library team implemented the KOHA without any external help. We migrated about 30000 bibliographic records and 4000 student records. We also integrated the bar code scanner and book label printing software with KOHA.

The evaluation of key functional aspects of KOHA was done during the user experience exercise.

·Opening screen (Home Page) layout

·Ease of navigation

·Search efficiency and accuracy

·Use of search filters

File Description	Documents
Upload relevant supporting document	[View File](#)

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

141.99

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

432

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

33

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

DAIICT provides a variety of IT infrastructure and services for academic and administrative purposes.

The benefits of this ICT policy is to sets out the conditions under which access to the computing resources at DAIICT is granted to users; this covers all services and resources provided by the ICT team. The purpose of this policy is to outline the acceptable use of computing resources at DAIICT. These rules are in place to protect the users at DAIICT. Inappropriate use exposes DAIICT to risks including virus attacks, compromise of network systems and services, and legal issues

Before the start of financial year Executive Registrar inform the ICT-Convenor to provide budget estimates with priority and ICT-Convenor will forward the ICT budget estimates after taking input from Manager-IT&Systems/Lab Superintendent. After the start of

financial year ICT department will raise indent for individual items and will be processed as per priority. Minimum budget of 40-50 Lakh is provided every year for maintenance of computers, printers, network & other accessories. For up-gradation and deployment of new technology and renewal of software subscription and also institute provides extra budget as & when required.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
2074	1210

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	• ?1 GBPS

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing	A. All of the above

File Description	Documents
Upload relevant supporting document	[View File](#)
Upload the data template	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

636.88

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Personal computers and peripherals are assigned to faculty and staff for use in their offices. A faculty member may get an authorized Computing resource account created for a visitor by requesting the Helpdesk. The institute has four servers dedicated for research purposes. Student requests through their supervising Faculty are approved by the ICT convener.

Recently the institute was also awarded the ParamShavak supercomputer for which a dedicated supercomputing facility has been set up. This high performance computing resource is open to all faculty and students for research purposes. Additionally, the institute also has a HPC cluster again open for research activities.

Regular clean up drives are conducted to remove stale components, old equipments and desktop PCs with old specifications. Other existing PCs are upgraded with higher RAM , SDD and so on. The general infrastructure of the labs such as the furniture and equipment are also changed on need basis.

File Description	Documents
Upload relevant supporting document	[View File](#)

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

884

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

476

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology	**A. All of the above**

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	• **All of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

17

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

477

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

17

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

16

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting document	[View File]

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

DA-IICT has a Student Body Government (SBG) which comprises more than 100 plus members acting as representatives to 9 committees: Academic Committee, Cultural Committee, Hostel Management Committee, Sports Committee, Annual Festival Committee, Cafeteria Management Committee, ICT Committee, Student Placement Cell and Tech Support committee. Apart from these committees, there are nearly 25 hobby-driven clubs who conduct various activities for the students as a part of the SBG calendar. The primary objective of SBG is aimed at monitoring and regulation of all student activities, justice and equality in all aspects of student life and enhancing the overall development of all students. The key elements of SBG which makes it unique are:

• SBG serves as the main forum for discussions of student opinions, concerns, plans and activities.

• The members are elected through Parliamentary elections conducted by the Election Commission, DA-IICT. The members of SBG (9 committees), among them, elect Convener, Deputy Convener, Treasurer and Secretary of the SBG, known as the SBG Core Team.

• The SBG Core Team acts as an interface between the SBG (the student community representatives) and the Administration/Faculty. Dean (Students) is the official mentor of the SBG. In addition to coordinating activities of the various committees and clubs, SBG core also ensures that calendar clashes are prevented among these activities.

File Description	Documents
Upload relevant supporting document	[View File]

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

16

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting document	[View File]

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

The DA-IICT Alumni Association exists to create and maintain a life-long association between the Institute and its alumni. The Association works to connect alumni, support students and build an extraordinary Institute experience through a diversity of events and celebrated traditions. The mission of the Association is to cultivate strong bonds between alumni, students and the Institute, to keep alumni acquainted, and create a network enabling them to remain involved with their alma mater.

The name of the institute's registered alumni association is DA-IICT Alumni Association. Its date of registration is: 24 Dec 2017. It has its Bylaws, its own PAN card, it has applied for registration under 80G. The first Executive Committee of this AA is formed by DA-IICT Director's choice.

The Alumni Association, with a membership of over 5000, supports and promotes the interests of the Institute and expands awareness of its achievements within the country and abroad. The Director announced the first executive committee of the newly registered Alumni Association with Dr. Vinod Kumar Mall (2015 batch alumnus) as President at a meeting held on 19th September 2017. In this meeting, the newly elected Committee discussed matters of mutual interest particularly, on protecting and strengthening the relationship between the Institute and Alumni Association, contributions of alumni in upgrading the Institute's academic and Alumni Association Activities and Achievements research activities and membership of Alumni Association, i.e., annual and life memberships.

File Description	Documents
Upload relevant supporting document	[View File](#)

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**A. ? 5Lakhs**

File Description	Documents
Upload relevant supporting document	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Vision: To help build intellectual a knowledge-led society founded on intellectual competitiveness for global leadership.

Mission: to 1) become a first choice academic institute for students both in graduate and post-graduate levels, (2) offer to them a dynamic faculty, a sensitive administration, (3) enable them to function within an atmosphere of innovation, emphasizing academic cooperation and global collaboration, (4) continuously adapt to the changing needs and demands of Information and Communicational technology, (5) encourage innovation and interdisciplinarily, (6) integrate ICT with subjects in humanities, social science to provide a holistic and well-rounded education to the students.

DA-IICT has planned to introduce new academic programs with

- Greater flexibility- Choice based curricula.
- Multidisciplinary, Interdisciplinary and holistic education across science, social sciences, humanities, and arts to ensure the unity & integrity of all knowledge.

DAIICT has introduced following changes in the academic and administrative governance.

- Appointment of Associate Deans of Academic Programs and Research to strengthen the Dean of Academic Programs and Dean Research and Development in discharging their duties.
- Creation of 3 new posts (Assistant Registrar, Media Officer

and Media consultant) in the administration for smooth operation.

A sizeable number of scholarships are also provided to the needy students for their development. Institute has disbursed in last five years Rs.3,56,66,500 to UG students, including NRI, and PG students (MSc-IT, MSc in DS) as scholarships (merit, merit cum means). Additionally, institute has disbursed on average Rs.12,72,89,942 in last five years towards scholarships to Teaching Assistant, and PhD scholars.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

Director along with three Deans, two Associate Deans, and Executive Registrar are integral part of strategy planning and implementation. The names of Deans, academic and research, are proposed by Director and approved by President, DAIICT for a period of three years extendable up to five years. They along with faculty and staff members play important roles in collective decision making, for smooth functioning of the academic administration, in promotion of research activities and in providing an overall growth of the Institute. Deans and Associate Deans are selected by rotation so that senior faculty members get opportunities to provide leaderships.

Decentralization is implemented with proper and appropriate delegation of powers as per MOA to the Director, Dean Academics, and Dean R&D, Executive Registrar. The institute takes policy decisions through its statutory bodies viz., Academic Council for academic matters, Finance committee for fund management.

The Institute has constituted various committees as per policy guidelines and implementation strategies mentioned in the office orders for seamless functioning of activities related to academics, research, and students' activities. These are i) Board of Studies, ii) Under Graduate (UG) Committee, iii) Post Graduate (PG) Committee, iv) ICT Committee, v) Campus Learning Management System (CLMS), vi) Resource Centre Committee, vii) Placement and Internship Committee, viii) Continuing Education Program (CEP) Committee, ix) Disciplinary Action Committee (DAC), Gender Cell Committee, x) International Students Office, xi) Web Committee,

viii) Thesis Award Committee, xii) Social Media Committee, xiii) Annual Report Committee.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The strategic plan of the institute is effectively deployed in the following areas:

- Teaching and learning
- Research and development
- Accreditation, participation in state and national ranking and implementation of NEP2020
- Human resource planning and development
- Industry interaction

After 20 years of existence DA-IICT has prepared a Strategic Plan for itself, wherein it has clearly described its aspirations as i) Short Term goals and iii) Long term goals. This strategic plan not only includes infrastructural overhauling but also academic reorganizing in terms of periodic revision of curriculum, proactive research and development policy, means and measures towards attracting and retention of qualified faculty, inclusion of industry experts in the decision making bodies of the institute as well as partner with them through joint Memoranda of Understanding (MoU). MoUs with Foreign Universities for partnership in joint research, curricula development, student/faculty exchange and sabbatical options.

The Institute has registered for National Academic Depository on 17 September 2020 . The institutional ID for NAD is NAD003426.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institute is administered effectively through strong leadership, and mission-driven teamwork. The primary objectives of the administration are continuous improvement, and provide quality well-rounded education at UG and PG levels. Important institutional bodies are i) Board of Governors, ii) Academic Council, iii) Finance Committee, and iv) IQAC. Institute has adopted a decentralization management policy by delegating powers to Dean Academic, Dean Research, and Dean Students. Institute has well documented Purchase Policy. Finance Committee before the start of the new financial year, prepares an estimated Budget after discussing with different stake holders like Deans, Faculty members, ICT Convener.

Institute has a Policy on Cumulative Professional Development Allowance (CPDA) of Rupees 3.0 lakhs for every block of three years on a reimbursement basis to the faculty members (after completion of the Probation period) to support the following:

- Attending international/ national conferences/ symposiums/ Purchase of Books
- Attending training and research programs for professional development
- Membership of Professional Bodies

Institute has a well-defined Consultancy policy to set out guidelines and procedures governing consultancy assignments taken by the faculty members. There is a Seed Grant policy for the faculty members to set out the guidelines and procedures governing seed grant. The Intellectual Property Rights (IPR) Policy prescribes mechanism via which inventions generated at the institute can be protected.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation 1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination	A. All of the above

File Description	Documents
Upload the data template	[View File]
Upload relevant supporting document	[View File]

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The institute is administered effectively through strong leadership, and mission-driven teamwork. The primary objectives of the administration are continuous improvement, and provide quality well-rounded education at UG and PG levels. Important institutional bodies are i) Board of Governors, ii) Academic Council, iii) Finance Committee, and iv) IQAC. Institute has adopted a decentralization management policy by delegating powers to Dean Academic, Dean Research, and Dean Students. Institute has well documented Purchase Policy.

The faculty is the most valuable resource of an institute besides, possibly, the students. To attain and sustain an eminent status, an institute has to utilize its faculty resource to its fullest potential. This is achieved by enabling the objectives of the institute to be aligned with that of the faculty.

The Welfare measures for teaching and non-teaching staff include:

Health center facilities :

Two visiting doctors visit the center every day at fixed hours on all working days for the students, faculty & staff members. Panel of medical specialists is also available. Institute has a stress management center. DA-IICT has a tie-up with various reputed Hospitals in and around Gandhinagar for the Cashless treatment of staff and faculty members.

File Description	Documents
Upload relevant supporting document	[View File]

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

36

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

14

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Institute proactively working to get funds from various sources such as sponsored research, consultancy, fees, Alumni, Anchor Institute Program (AIP), GoG, etc. The primary goal of the institute is to utilize these resources optimally towards scholarships, building a vibrant academic &research, and innovation eco system to attract best faculty, staff members, students, and infrastructure development.

The long term plans of the institute are

- Introduction of Online/ blended Distance Learning programs- Executive Development Program, Certificate/ Degree Courses,

etc. The institute wishes to exploit the research led academic environment to further enhance the earning.

- Institute has a registered Alumni society since 2018 and wishes to establish a stronger bond with the Alumni both nationally and internationally. This will lead to proactive participations of the Alumni in collaborative research and consultancy.
- Institute will encourage interested Alumni to join as Professor for Practice.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	No File Uploaded

6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	No File Uploaded

6.4.4 - Institution conducts internal and external financial audits regularly

One of the important institutional bodies-the Finance Committee Chaired by the Director monitors and regulate the financial resources of institute. The primary goal of the Finance Committee is to estimate the budget after discussing with important stakeholders Dean – Academic Program, Dean Research & development, ICT Convenor, Library Committee, Dean Students, etc., before the start of every financial year. The internal audit is conducted twice a year. The Internal Audit mechanism is

in fact a budgetary control system. Financial control is undertaken after periodic comparison with actual income and expenses. Budget Estimate is prepared based on income and expenditure. The internal Auditor's report is analyzed by the Finance Committee under the Chairmanship of the Director and a revised budget estimate is prepared in the month of September to reallocate the budget depending upon the emergent need of the institute. The Institute have both internal and external Audit system. All vouchers are internally audited before it is produced to Statutory Auditor.

The accounts of the institute are audited by an Independent Chartered Account Firm at the end of each financial year and is approved by the Board of Governors. The Annual Balance sheets are uploaded on the institute websites.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

We have internal committees to take care of most of the operations, policy-wise. The success of these committees may depend upon two factors, a) input gathered from the feedback (reactive mechanism) and b) the proactive spirit of continuous process improvement. We have been gathering the exit feedback of the graduating UG students since 2011 or so. A consolidated analysis was put up for discussion in IQAC meeting of Jan 2020.

After the constitution of IQAC in 2017, IQAC has contributed in different areas of governance and academic development of the institute. Some of the major achievement are as follows

- In the last 5 years three new multidisciplinary and multi-institutional programs have started e.g. M.Tech. (EC) is offered jointly by CR Rao Advanced Institute of Mathematics, Statistics and Computer Science (AIMSCS), Hyderabad and DA-IICT, MSc in Data Science, B.Tech in Mathematics and Computation.

- Contents of all the programs are reviewed / updated with

the inputs of all stakeholders.

- For research promotion, workshops/seminars/conferences have been organized and attended by faculty. This has resulted collaboration with other institutes and opportunities of new MoUs.

- Based on the analysis in IQAC meeting of Jan 2020, it was decided that each instructor will submit his/her evaluation policy at the beginning of the semester. And it should be recorded in the course file submitted by the instructor.

- Feedbacks, are collected from Students, Faculties, Employers, and parent's feedback regularly.

- Process of procurement of an Institutional ERP and constitution of Technical Committee have been completed in September 2021.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	A. Any 5 or all of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting documment	[View File](#)

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

In NIRF ranking, DA-IICT continued to be within the top engineering Institutes in the country by obtaining 107 rank in 2021. Remaining outside top 100 institutes is not what we deserve, that we all feel, but perhaps we haven't understood the difference of performing well and being capable of. Despite having such an excellent graduate outcome performance we are trailing because of diversity, infrastructure and similar parameters which are not in our control.

-The Gujarat State Institutional Framework (GSIRF), Government of Gujarat, consistently rated DA-IICT as a Five Star Institution (2022).

-In pursuit of responding the need of the time, we are committed to add some new degree programmes in our offering. Such programmes are also in the larger interest of our existing faculty. This year we added two new programmes:

- A new UG programme called BTech (Mathematics and Computing) was introduced from Academic Year 2020-21.
- A new PG Programme called MSc (Data Science) was approved by Academic Council on 7 January 2020 and started from the Academic Year 2020-21.

-Curriculum review of BTech (ICT) programme took place. A committee was announced on 12 Feb 2020 with Prof. Sanjay Srivastava as Convenor.

File Description	Documents
Upload relevant supporting document	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender Equity is one of the core values of this Institute. It has been ensuring gender equity through its institutional structures as well as through its larger campus culture. It has striven to secure equity of representation, responsibility and opportunity for its faculty, staff and students and sought to mainstream gender equitable values in its classrooms and campus.

The institute takes utmost care for the safety and security of

the students by installing CCTV in the girls' hostel, engaging a lady guard, 24 x 7, in the girls' hostel and by enforcing main gate time in-time out restrictions for all students.

The institute has one full time and one-part time and one full time counsellors for the students who besides interacting with the students, organizes sessions on various topics like gender sensitization, security, mental health etc.

The following are some of the specific events and activities organised on campus on gender sensitization.

- An online portal on our website has been inbuilt in the institution for a long, to allow easy access to students, etc to details of gender cell in case of need.
- A Gender Sensitization Play was also created by DA-IICT Theatre Group in collaboration with Gender Cell, DA-IICT under the creative supervision of Prof. Shweta Garg which turned out to be very impactful, breaking the barriers to the old conservative mentality in the society.

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	https://www.daiict.ac.in/internal-complaint-committee
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://daiict.ac.in/naac-c2-chapter-7#7.1.1

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Food Waste:

- Wet and Dry Waste are collected by the Gandhinagar Municipal Corporation on daily basis.
- Surplus food is donated by FBOs to the needy persons to feed cattle.
- Skins of fruit and vegetables is used for Wormy Compost.

Liquid Waste Management:

We have Sewage Treatment Plant with capacity of approx. 3.50 Ltrs per Day. The incoming used water quantity for STP is approx. 4.00 Lakh Liters per Day out of 3.00 Lakh Ltrs is being treated. The Sewage Treated water is used for irrigation.

- Primary Treatment: It consists of temporarily holding the sewage in a mud tank where heavy solids can settle to the bottom. The settled solids discharged in underground storage tank and reuse as fertilizer.Secondary Treatment: It removes dissolved and suspended biological matter. Secondary treatment may require a separation process to remove the micro-organisms from the treated water prior to discharge.

E-waste Management:

System administrator and Lab superintendent identify the electronic material to be disposed of. They prepare the list of the same with other information and reasons for the same. They send the list of material for approval of disposal to the Executive Registrar.

Waste recycling system

Horticulture Waste:

- Dry leaves and flowers, cut lawns, hedge etc., are being processed as Organic Waste Compost and Wormy Compost.
- The fertilizer generated from above sources is being used for horticulture

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus | **A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	**A. Any 4 or All of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	`A. Any 4 or all of the above`

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

The institution provides various opportunities for students to interact with and embrace different cultures. As a result, students come together to celebrate various festivals from different communities and regions of India. From making a Rangoli to making a Halloween-themed artwork to dancing the Garba on Navratri or learning the Bhangra no matter what the culture is students of DAIICT participate in all with equal enthusiasm.

Amongst the late-night gaming sessions with friends, events like Kala (a competition to showcase their dancing, theatrical and musical skills along with their expressing power through poetry) Open Mic (where everyone is given a chance to speak and feel included and heard), Antakshari (a competition that brought back the 90s with the 2000s and the whole of India in one night) and Dance Tutorial Videos (where one had a great opportunity to learn various dance forms) were kept alive with great warmth and energy.

More significantly, to understand the economic hardships triggered by the lockdown and the demands of online learning,

multiple surveys were held to understand the nature of the crisis within the student community. After several rounds of survey and analysis a "Student Emergency Fund" was created and a committee was formed to work for students whose families were impacted financially during COVID. The committee took donations from students and affiliated faculty and also held a MILAAP campaign for canteen workers impacted by the pandemic.

File Description	Documents
Upload relevant supporting document	[View File](#)

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The institute promotes the secular, democratic and inclusive values enshrined in our Constitution. Students are encouraged to exercise their fundamental freedoms with a clear understanding of duties too.

The Student Body Government is formed by the will of students through elections where all students are equally eligible to be represented or elected as a head of the student body without any discrimination. All other student clubs and bodies are founded on similar democratic values and participation and membership is open to all. Within the classroom, students are sensitized to present their views through reasoned argument and in a language that does not offend class, caste, religious or ethnic sensibilities. The Gender Cell promotes gender sensitization in all aspects of campus life.

Students are encouraged to be mindful of the dignity of labour and treat all those working within the campus as staff and help with kindness and respect. The Disciplinary Action Committee and the Gender Cell addresses student grievances and makes sure that all violations of personal freedoms and dignity or the damage of private and public property are prevented or rectified.

The Institute follows a strict anti-ragging policy as part of a larger initiative to ensure no kind of caste, class or gender based exploitation of discrimination against students nor any kind of verbal or physical abuse is tolerated in campus.

As already mentioned the institute mandates the celebration of festivals and cultural events from all cultures and communities in India.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized	All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution organizes national memorial days such as Independence Day and Republic Day to instill patriotism in pupils. Flag hosting occurs on these days, followed by different ceremonies/events dedicated to our nation by various clubs and committees. Teacher's Day is an important day for students and professors because students pay tribute to their teachers by performing various performances such as plays, and so on, and dedicate an entire day to the gurus of our lives. The institution also commemorates international commemorative days such as Women's Day, where sessions were held by clubs and the Gender Cell with the assistance of professors on the topics of enlightenment, great misconceptions, and the hotly debated - Feminism (The F-word). The podcast link is also included below. On the occasion of Women's Engineering Day, the institution also hosted a national-level ideathon with some curated insightful themes to brainstorm and come up with amazing solutions that can actually make a difference. On the occasion of International Women's Day, our valued guest speaker Ms. Henna Awtaney from Yoga and Wellness Studio, Ahmedabad, also hosted a webinar on the theme of Yog Shakti.

The Institute also celebrates International Yoga day with participation of both students and faculty.

File Description	Documents
Upload relevant supporting document	[View File](#)

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

1. Rural Internship

a. Title of the practice

Rural internship

b. Objectives of the Practice

The objective of rural internship is that students go to a NGO at a rural level and work there for about 3 weeks to get an understanding about the grassroot level problems existing in our country and help in solving them.

c. The Context

The third semester is perceived to be one of the toughest semesters in our college. At the end of it, we get a rural internship opportunity and go on a trip with your friends.

d. The Practice

As part of the academic program all UG students has to undergo three weeks' rural internship program with a registered NGO. The students are supposed to work in the area of activities of the NGO in their workplace.

e. Evidence of Success

The biggest evidence of success is that even during the tough 3rd semester, students plan for the RI by filling out different forms and booking tickets, etc. in anticipation of an enriching and exciting experience as told by their seniors.

f. Problems Encountered and Resources Required

One of the major problems is the search for NGOs. Every year sending about 350 students to different NGOs is a very difficult

task. Needing to find NGOs and signing MOUs with them every year based on the opportunities available is quite difficult.

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Multi-disciplinary Engineering Programs with Social Responsibility

As a pioneering ICT centric institution established in 2000, DAIICT has played an invaluable role in developing a distinctive undergraduate programme in India.In accordance with its vision of a holistic education for engineers, its pedagogic intent is multi-disciplinary and integrates inputs from the Humanities and Social Sciences into its Core Curriculum in order to give students a contextual and critical understanding of technology and its applications in society thus making them "Engineers with Social Responsibility".

Its Rural Internship course offers students exposure to real life contexts where they can engage with communities to solve problems of livelihood, health, education etc.

Two new BTech programmes are also structured around the principles of multi-disciplinarity. These are undergraduate (BTech) degrees in ICT and Computational Science and Math and Computing;Apart from the structural integration of multi-disciplinarity within the Institute's core BTech courses, the Institute is also in the process of introducing a new Minors programmes that allow students both choice and flexibility in enhancing their learning opportunities. One of the Minors we have introduced at this point is on Robotics and Autonomous Systems the other which we aim to introduce in the near future is in Liberal Studies.

Most of our faculty members have significant international exposure in terms of research and industry experience, and are involved in national/ international collaborative research projects.

7.3.2 - Plan of action for the next academic year

DA-IICT aspire to grow in the following directions and is preparing accordingly:

1. Scientific collaboration with premiere institutes in India and

abroad.

2. Introducing more joint academic programs with other institutes in India and abroad. Currently, DAIICT offers two joint M.Tech. programs, one with IIT Jammu and another with C. R. Rao Advanced Institute of Mathematics, Statistics and Computer Science (C. R. Rao AIMSCS), University of Hyderabad.

3. Introduce more undergraduate and post graduate programs which are need of the hours. Apartfrom the structural integration of multi-disciplinarity within the Institute's core BTech courses,the Institute is also in the process of introducing a new Minors programmes that allow studentsboth choice and flexibility in enhancing their learning opportunities. One of the Minors we haveintroduced at this point is on Robotics and Autonomous Systems the other which we aim tointroduce in the near future is in Liberal Studies. In our Post Graduate offerings we haveintroduced multidisciplinary programmes in MTech and MSc. The MSc in Agricultural Analyticsis aimed at nurturing students, with insights and the know-how to take the sector into the future. This is a multidisciplinary program of agriculture and data analytics.

4. Institute is also planning to build up a strong relationship with related industries. 5. Including industry personnel and distinguished alumnus as professor of practice.