

***Guidelines for the Creation of the
Internal Quality Assurance Cell (IQAC)
and Submission of Annual Quality Assurance
Report (AQAR) by Accredited Institutions***

DA-IICT AQAR (July 1, 2017 to June 30, 2018)

**The Annual Quality Assurance Report (AQAR) of the IQAC
(For Universities)**

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution: Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar

- Name of the Head of the institution: Prof. K. S. Dasgupta
- Designation: Director
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no.: 079-68261572
- Mobile no.: 9327043614
- Registered Email: director@daiict.ac.in
- Alternate Email: registrar@daiict.ac.in
- Address: Near Indroda Circle, Gandhinagar,
- City/Town: Gandhinagar
- State/UT: Gujarat
- Pin Code: 382007

2. Institutional status:

- University: State/Central/Deemed/ √Private: State University
(Tick appropriate)
- Type of Institution: √ Co-education/Men/Women: Co-education
- Location : Rural/Semi-urban/√Urban: Urban
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self Financing: Self Financing

(please specify)

- Name of the IQAC Co-ordinator/Director: Dr. Anil K. Roy
- Phone no. /Alternate phone no. : 079-68261613
- Mobile: +91-9376163094
- IQAC e-mail address: iqac_dir@daiict.ac.in
- Alternate Email address: anil_roy@daiict.ac.in

3. Website address: <https://www.daiict.ac.in/institute/iqac/>

Web-link of the AQAR: (Previous Academic Year): This is the first IQAR, so no weblink of the previous report can be provided.

4. Whether Academic Calendar prepared during the year? Yes

Yes/No....., if yes, whether it is uploaded in the Institutional website: Yes

Weblink: <https://www.daiict.ac.in/academics/academic-calendar/>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	A	3.11	2017	from: 27/11/2017 to: 26/11/2022
2 nd				from: to:
3 rd				from: to:
4 th				from: to:
5 th				from: to:

6. Date of Establishment of IQAC: 29/04/2015

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
a) Regular meeting of IQAC	15/07/2015 14/09/2016 06/03/2017 20/03/2018	9 members present 10 members present 9 members present 11 members present

b)	Submission of AQAR		
c)	Feedback from graduating B.Tech 2014 batch collected and analysed and circulated among all faculty and functions heads	2011-2018 (each year in May), analysis is done of 2011, 2014, 2015 & 2018 years data	208 respondent in 2011 206 respondent in 2014 203 respondent in 2015 258 respondent in 2018
d)	Participation in NIRF	NIRF 2017	RANK - 70

Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

8. 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
Government of Gujarat	Mentorship of Indian Institute of Information Technology Vadodara	Government of India	2014 (2014-2018)	Rs. 20 Lakh per year
Government of Gujarat	Anchor/Nodal Institute	Government of India	2018 (2018-2023)	Rs. 10 Crore (total grant)

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

*upload latest notification of formation of IQAC

10. No. of IQAC meetings held during the year: 1

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website: <https://www.daiict.ac.in/institute/iqac/>

Yes/No: Yes
(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes/No: No

If yes, mention the amount: Not applicable

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

- * Sensitization towards collecting inputs for improvement from the feedback
- * Analysis of feedback data started for the larger interest of the institute
- * All process owners (convenors of various functional committees) are asked to submit the process document of the functions they are accountable for. These will be the basic document to ensure quality and to measure improvements.

13. 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

Plan of Action	Achievements/Outcomes

14. Whether the AQAR was placed before statutory body? Yes /No: No

Name of the statutory body: Date of meeting(s):

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

Yes/No: Yes

Date: 14/09/2017

16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year: 2017-18

Date of Submission: 08/03/2018

17. Does the Institution have Management Information System?

Yes/No

Yes

If yes, give a brief description and a list of modules currently operational.

The Institute has integrated Management Information Systems called 'E-campus.' The E-campus generates various reports on students from admissions to graduation. There is a separate MIS to generate reports on financial results of the Institute. The list of modules operational in e-campus is as follows:

Student Admission System (SAS)

The module handles submission of online admission application forms, payment of application fee, recording of national and institutional admission tests scores, generation of merit ranks and admission offers.

Student Registration System (SRS)

The module has outline of all courses for UG and PG Programs. It enables the students to register for core/elective courses in each semester on line and pay the tuition fees. The system allows appropriate authorities to approve/decline the registration of courses and confirm receipt of fees. It generates reports on courses chosen by the students and fee collection.

Student Evaluation and Grading System (SEGS)

The module is used to upload grades obtained by the students in the courses, computation of semester results, declaration of results and student attendance. It generates several reports relating to the performance of the students.

Hostel Management System (HMS)

The module maintains records of hostel room allotment, all complaints on hotel administration and generates reports on hostel management.

Fee Collection

The module records the fee collection, generate reports on fee collection and fee receipts for the students for reference. The students can download and print the receipts.

Financial results

The MIS on financial results is part of the financial and accounting system. This is a separate system and it generates reports on trends in receipts and expenditure and analytical reports on the financial performance of the Institute.

Part-B

CRITERION I – CURRICULAR ASPECTS			
1.1 Curriculum Design and Development			
1.1.1 Programmes for which syllabus revision was carried out during the Academic year			
Name of programme	Programme Code	Dates of revision	
None			
1.1.2 Programmes/courses focussed on employability/ entrepreneurship/ skill development during the Academic year			
Programme with Code	Date of Introduction	Course with Code	Date of Introduction
NIL		Cloud Computing IT627 (MSc IT Optional)	Autumn Sem 2017-18
		1. CAD of VLSI EL454 2. Approximation Algorithms (SC515) 3. Specification and Verification of Computing Systems (IT560) 4. Recommendation Engine and Applications (IT562)	Winter Sem 2017-18
1.2 Academic Flexibility			
1.3			
1.2.1 New programmes/courses introduced during the Academic year			
Programme/Course			Date of introduction
No New Programme introduced			
New Course introduced in the 2017-18 Academic Year <ul style="list-style-type: none"> ▪ SC466 The Physics of Economics (UG Elective) 3-0-0-3 ▪ SC467 Mathematical Modeling and Simulation (UG Elective) 3-0-0-3 ▪ SC524 Parallel Distributed Dynamic Algorithms (MTech Regular) 3-0-0-3 ▪ IT627 Cloud Computing (MSc IT Optional) 3-0-0-3 			Autumn Semester 2017-18 Academic Year
<ul style="list-style-type: none"> ▪ EL454 CAD of VLSI (UG Elective) 2-0-2-3 ▪ HM486 Development Trajectories (UG Elective) 3-0-0-3 ▪ SC465 Analysis of Multidisciplinary Problems (UG Elective) 3-0-0-3 ▪ SC468 Differential Equations and Applications (UG Elective) 3-0-0-3 ▪ SC515 Approximation Algorithms (MTech Elective) 3-0-0-3 ▪ IT560 Specification and Verification of Computing Systems (MTech Elective) 3-0-0-3 ▪ IT562 Recommendation Engine and Applications (MTech Elective) 3-0-0-3 ▪ IT561 Advanced Software Engineering (MTech Elective) 3-0-0-3 			Winter Semester 2017-18 Academic Year

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Already adopted since the beginning of the institute (2001).					
1.3 Curriculum Enrichment					
1.3.1 Value-added courses imparting transferable and life skills offered during the year					
Value added courses		Date of introduction		Number of students enrolled	
Development Trajectories (HM486)		Winter Sem 2017-18		91	
1.3.2 Field Projects / Internships under taken during the year					
Project/Programme Title			No. of students enrolled for Field Projects / Internships		
1. BTech – Rural Internship (PC232)			297 (AY 2017-18, Winter Semester)		
2. BTech – Summer Research Internship (PC334)			195 (AY 2017-18, May-July 2018)		
3. BTech – Industrial Internship (PC333)			97 (AY 2017-18, May-July 2018)		
4. BTech Project (minor in CS) (PC424)			55 (AY 2017-18, Jan-April 2018)		
5. BTech Project (ICT) (PC422)			222 (AY 2017-18, Jan-April 2018)		
6. MSc (IT) – Summer Internship (PC649)			113 (AY 2017-18, Summer Semester)		
7. MSc (IT) Project (PC614)			110 (AY 2017-18, Final Semester Internship (Dec 2017-May 2018)		
8. MDes (CD) Project (PC714)			12 (AY 2017-18, Final Semester Internship (Dec 2017-May 2018)		
9. MSc ICTARD Project (PC862)			3 (AY 2017-18, Jan-April 2018)		
1.4 Feedback System					
1.4.1 Whether structured feedback received from all the stakeholders.					
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents	
Yes/ No YES	Yes/ No NO	Yes/ No NO	Yes/ No NO	Yes/ No NO	
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)					
Student Feedback is an exit feedback of B.Tech students at the time of their BTP defence in May month. It is a single page form of 18 questions pertaining to all aspects of campus life including academics, curriculum related, extra-curricular, sports, library, administration, hostel and overall impression on a scale of 1 to 5. The mean is then computed for each of them and shared among all activity owners for their information and subsequent introspection.					

CRITERION II -TEACHING-LEARNING AND EVALUATION					
2.1 Student Enrolment and Profile					
2.1. 1 Demand Ratio during the year					
Name of the Programme	Number of seats available	Number of applications received	Students Enrolled		
1. BTech (ICT)	288	2901	263		
2. B.Tech (honours in ICT with minor in CS)	72		71		
3. MTech (ICT)	80	264	86		
4. MSc (IT)	120	504	120		
5. MDes (CD)	20	22	6		
6. PhD	10-20	94	6		
2.2 Catering to Student Diversity					
2.2.1. Student - Full time teacher ratio (current year data)					
Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	1209	381	-	-	53
2.3 Teaching - Learning Process					
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
53	53	Open source OS, open source softwares, license OS, license software , Projector , testing and measurement instruments, electronics kits/boards, electronics components	14 Class rooms 2 Workshops (1) 17 nos. of teaching labs. (2) 09 nos. of non-teaching labs	1 Smart city lab 1 IR Lab 1 Speech Lab	

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)		
<p>Institute has UG Committee (UGC) which is headed by one of the faculty termed as UG Convenor. UGC assigned faculty mentor for students who are poor learners. Each semester around 100 students across the 4 batches are identified as slow learner based on the semester and cumulative performance index (SPI and CPI). UG Convenor assigns approximately 10 -12 such student to each member of the UGC. These faculty mentors discuss with the mentees on a regular basis and suggest them the needful to be followed. This kind of mentorship is beyond academics. Students are encouraged to share their personal problems with the mentor so that mentor can better understand the reason for their poor performance. Many a times mentor recommends the student to meet in house psychologists available in the campus. The mentor in such cases keep in touch with psychologist for better understand the problem of the student. Institute thus have a close network for mentoring students who really need help in academics and social life.</p>		
Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
1590	53	1:30

2.4 Teacher Profile and Quality				
2.4.1 Number of full time teachers appointed during the year				
No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
NA	53	NA	2	51
2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)				
<i>Year of award</i>	<i>Name of full time teachers receiving awards from state level, national level, international level</i>	<i>Designation</i>	<i>Name of the award, fellowship, received from Government or recognized bodies</i>	
2018	Dr. Saurabh Tiwari	Assistant Professor	Early Career Research Award, from SERB (DST), Govt. of India	
2018	Prof. Hemant Patil	Professor	APSIPA Distinguished Lecturer for Term 2018-2019, from APSIPA (Asia-Pacific Signal and Information Processing Association) IRE Board	
2017	Dr. Anil Roy	Associate Professor	IEEE Sensors Council 2017 Meritorious Service Award, from the IEEE Sensors Council	

2.5 Evaluation Process and Reforms				
2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year				
Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
1. BTech (ICT)	01	2017-18	Autumn: 04-12-2017 Winter: 02-05-2018	Autumn:14-12-2017 Winter: 10-05-2018
2. BTech (honours in ICT with minor in CS)	01	2017-18	Autumn: 04-12-2017 Winter: 02-05-2018	Autumn:14-12-2017 Winter: 10-05-2018
3. MTech (ICT)	11	2017-18	Autumn: 04-12-2017 Winter: 02-05-2018	Autumn:14-12-2017 Winter: 10-05-2018
4. MSc (IT)	12	2017-18	Autumn: 04-12-2017 Winter: 02-05-2018	Autumn:14-12-2017 Winter: 10-05-2018
5. MDes (CD)	14	2017-18	Autumn: 04-12-2017 Winter: 02-05-2018	Autumn:14-12-2017 Winter: 10-05-2018
6. PhD	21	2017-18	Autumn: 04-12-2017 Winter: 02-05-2018	Autumn:14-12-2017 Winter: 10-05-2018
2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year				
*Do not include re-evaluation/ re-totalling				
Number of complaints or grievances about evaluation		Total number of students appeared in the examination		Percentage
None				
2.6 Student Performance and Learning Outcomes				
2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)				
1.	BTech (ICT)			
2.	B.Tech. (Honours) in ICT with minor in Computational Science			
3.	M.Tech. (ICT)			
4.	M.Sc. (IT)			
5.	M.Des. (Communication Design)			
6.	Ph.D.			
2.6.2 Pass percentage of students				
Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
01	BTech (ICT)	227	218	96.03
01	BTech (honours	55	55	100

	in ICT with minor in CS)			
11	MTech (ICT)	59	55	93.22
12	MSc (IT)	111	111	100
14	MDes (CD)	12	12	100
21	PhD	11	11	100

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

Exit Feedback form questionnaire of 2018-19 (Annexure 2.7.1.A)

Analysis of Exit Feedback 2018-19 (Annexure 2.7.1.B)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Promotion of Research and Facilities

3.1.1 The institution provides seed money to its teachers for research,

Yes..... No. if yes give details

Yes

Name of the teacher getting seed money	The amount of seed money	Year of receiving grant	Duration of the grant
Prof PS Kalyan Sasidhar	53,777	2017-18	1 YEAR

3.1.2 Teachers awarded National/International fellowship for advanced studies/ research during the year

National / International	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	Prof. Saurabh Tiwari	Early Career Research Award	16 January 2018	SERB (DST), Govt. of India

3.1.2 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of fellowship	Funding agency
Junior Research Fellowship (JRF) – 11 Nos	1-3 years	ISRO, DoS, DAE-BRNS, DST-SERB, MHRD-IMPRINT
Project Personnel – 2 Nos.	1-3 years	DeITY

Sr.No.	Id Number	Name of Fellow	Designation	Project Incharge / Co-PI	Duration	Funding Agency	Relieving Date
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1	201200109	HARDIK SAILOR	Project personnel	Prof. Hemant Patil	16/05/2012	Deity	31/05/2018
2	201500101	PANKAJ CHAUDHARY	Junior Research Fellow	Prof. Deepak Ghodgaonkar & Prof. Sanjeev Gupta	01/06/2017	DOS	30/11/2017
3	201600103	MIRAL SHAH	Junior Research Fellow	Prof. Bhaskar Chaudhury	22/03/2016& 01/10/2018	DAEBRNS	
4	201600111	MEETKUMAR SONI	Project personnel	Prof. Hemant Patil	15/11/2016	Deity	31/12/2017
5	201700101	ANKUR POKHARA	Junior Research Fellow	Prof. Biswajit Mishra	13/02/2017	DOS	30/06/2018
6	201700106	DEEPTI AMETA	Junior Research Fellow	Prof. Saurabh Tiwari	03/07/2017	SERB	
7	201700107	RAHUL VASHISTH	Junior Research Fellow	Prof. Deepak Ghodgaonkar & Prof. Sanjeev Gupta	01/08/2017	DMASRS	
8	201700108	VIRAL DAVE	Junior Research Fellow	Prof. Ranendu Ghosh	05/09/2017	ISRO	
9	201800101	GAURAV ARORA	Junior Research Fellow	Prof. Prasenjit Majumder	02/01/2018	MHRD	05/06/2018
10	201800102	SWATI PRIYA	Junior Research Fellow	Prof. Ranendu Ghosh	01/02/2018	DOS-ISRO	
11	201800103	MEGHA PANDYA	Junior Research Fellow	Prof. Ranendu Ghosh	02/04/2018	DOS-ISRO	

12	201800116	SURUPENDU GANGOPADHYAY	Junior Research Fellow	Prof. Prasenjit Majumder	01/06/2018	MHRD	
13	201800117	NUPUR JAIN	Junior Research Fellow	Prof. Biswajit Mishra	01/08/2018	DOS	

3.2 Resource Mobilization for Research

3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year		
Major projects	3-5 years	SAC-ISRO, DST-SERB, ICSSR	Rs. 134.0 lakhs	Rs. 33,80,940 (of current year's projects) Rs. 15,64,896 of all previous projects		
Minor Projects						
Interdisciplinary Projects						
Industry sponsored Projects						
Projects sponsored by the University	1 year	DA-IICT (Seed Grant)	Rs. 1.28 lakhs	Rs. 1.28 lakhs		
Students Research Projects (other than compulsory by the University)						
International Projects	3 years	DST (Indo-French)	Rs. 17.67 lakhs	Rs. 4,41,726		
Any other(Specify)						
Total			Rs.152.95 lakhs			
Year	Sr. No.	Project Code	Title	PI/ CO-PI	Agency	Total Sanctioned Amount (in INR)
	Major Projects					
	1	17/MHRD/P M/IMPRINT	Imprint 'A platform for Crosslingual and Multilingual Event Monitoring in Indian Languages	Prof P Majumder Prof Suman K. Mitra	MHRD	32,06,400

2017-2018	2	17/DMASRS /DKG/ISRO	RESPOND Project - "Development of microwave absorber (Carbonyl Iron filled Silicon Rubber Sheets) in 1 to 8 GHz range"	Prof Deepak Ghodgaonkar & Prof Sanjeev Gupta	SAC-ISRO	22,17,000
	3	17/ISRO/RAG/DLDMVA	Desertification and Land Degradation: Monitoring, Vulnerability Assessment and Combating Plans"	Prof Ranendu Ghosh	SAC-ISRO	42,00,000
	Minor Projects					
	1	17/MHRD/PM/IMPRINT	Imprint 'A platform for Crosslingual and Multilingual Event Monitoring in Indian Languages	Prof Prasenjit Majumder	IIT Kharagpur	5,90,970

3.2.2 Number of ongoing research projects per teacher funded by government and non-government agencies during the years

3.3 Innovation Ecosystem

3.3.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
HackInfinity 2017	DCEI	11-12th Sept. 2017

3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Best University in Innovation in Gujarat	DA-IICT	Govt. Of Gujarat	5 Oct 2017	University
Plant disease detection using	Vaibhav Patel and Maharishi Vyas -	Summer Innovation	September 2017	Student - Technological

Deep Learning Method	First prize in Technological Innovation Category	Challenge 2017 by Government of Gujarat		Innovation Category
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3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
1	Nodal Institute for Start-ups	Industries Commissionerate (Govt. of Gujarat)
1	Student Start-up Innovation Policy	Department of Higher Education (Govt. of Gujarat) Started on 2 July 2010 Total fund received Rs. 102.5 lacs
Name of the Start-up	Nature of Start-up	Date of commencement
Yoctosehns Technologies Private Limited (Prof. Biswajit Mishra)	Does a through monitoring of cattle at a low cost. It helps in estrus detection with a simple user interface.	28 Nov 2017
Prof. Rutu Parekh	Generic approached based accident detection and notification system for motor vehicles	21 Feb 2018
Prof. Rutu Parekh	OBD based emission test and driving behavior detection system	21 Feb 2018
Prof. Kalyan Sasidhar	Design and development of an IoT enabled smart refrigerator	21 Feb 2018
Prof. Ranendu Ghosh	Crop disease identification and advisory	21 Feb 2018

3.4 Research Publications and Awards

3.4.1 PhDs awarded during the year			
Name of the Department		No. of PhDs Awarded	
ICT		11	
Student Id	Student Name	Degree Awarded	
201021001	Naveen Kumar	14 th Convocation	
201021003	Shah Milind	14 th Convocation	
201021013	Sonam Nahar	14 th Convocation	
201121003	Maulik Cahndulal Madhavi	14 th Convocation	
201121004	V. Ram Naresh Kumar	14 th Convocation	
201121012	Shalini A Rankawat	14 th Convocation	
201121013	Sarita Agrawal	14 th Convocation	
201121015	Padalkar Milind Gajanan	14 th Convocation	
201121016	Shrishail Sharad Gajbhar	14 th Convocation	
201221003	Tanvina Bhupendrabhai Patel	14 th Convocation	
201221013	Vandana Ravindran	14 th Convocation	
3.4.2 Research Publications in the Journals notified on UGC website during the year			
	Department	No. of Publication	Average Impact Factor, if any
National	ICT	2	
International	ICT	37	3.095
3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year			
Department		No. of publication	
ICT		99	

2017 Faculty Publications

Publication per teacher (99/53 =1.86)

Books

1. Alka Parikh, "Risks in Agriculture : Farmers' Perspective," Singapore: Springer, 10 Dec. 2017. doi:10.1007/978-981-10-6271-1

2. Alka Parikh, Sumit Singh, and Krati Agrawal, "India's Growth Story: Sector-wise," Germany: Lambert Academic Publishing, 14 Jul. 2017. isbn: 978-3659609602
3. Shweta Rao Garg, Deepti Gupta (Eds.), "The English Paradigm in India : Essays in Language, Literature and Culture," Palgrave Macmillan, Singapore, 02 Oct. 2017. doi:10.1007/978-981-10-5332-0

Chapters in Book

1. Vishvajit Pandya "Events, Incidents and Accidents: Re-Thinking Indigenous Resistance in the Andaman Islands," In "Savage Attack: Tribal Insurgency in India," Crispin Bates, Alpa Shah, Eds., London, UK: Routledge, 21 Jun. 2017. ISBN:978-1-13-810287-3
2. Naveen Kumar, and Anish Mathuria, "Security and Privacy Issues in Outsourced Personal Health Record" in Research advances in Cloud Computing," Sanjay Chaudhary, Gaurav Somani, Rajkumar Buyya, Eds., Singapore: Springer, Dec. 2017, pp. 431-447. doi: 10.1007/978-981-10-5026-8_17
3. Shweta Rao Garg, "Food Images and Identity in the Selected Writings of Three Indian American Women Writers," In "The English Paradigm in India," Rao Garg S., Gupta D., Eds, Palgrave Macmillan, Singapore, 2017. doi:10.1007/978-981-10-5332-0_15
4. Agrawal, Yash, Ritu Parekh, and Rajeevan Chandel. 2018. "Performance Analysis of Current-Mode Interconnect System in Presence of Process, Voltage, and Temperature Variations." In Advances in Power Systems and Energy Management, edited by Amik Garg, Akash Kumar Bhoi, Padmanaban Sanjeevikumar, and K. K. Kamani, 436:543–51. Lecture Notes in Electrical Engineering. Singapore: Springer Singapore. https://doi.org/10.1007/978-981-10-4394-9_53.
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3.4.4 Patents published/awarded during the year

Patent Details	Patent status Published/Filed	Patent Number	Date of Award
NIL	NIL	NA	NA

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations (upto the year)	
						Scopus	Web of Science
3D MR image	Phophalia A., Mitra	Magnetic Resonance	2017	Scopus & WoS	Indian Institute of Information Technology, Vadodara, India;		1

denoising using rough set and kernel PCA method	S.K.	Imaging			Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India		
3D level set based optimization of inverse scattering problem for microwave breast imaging	Patel H.N., Ghodgaonkar D.K.	2017 1st IEEE MTT-S International Microwave Bio Conference, IMBioC 2017	2017	Scopus	RF and Wireless Research Group, DA-IICT, Gandhinagar, Gujarat, India		
A 36 nW power management unit for solar energy harvesters using 0.18 μm CMOS	Patel P., Mishra B., Nagchoudhuri D.	Communications in Computer and Information Science	2017	Scopus	VLSI and Embedded Systems Research Group, DA-IICT, Gandhinagar, 382007, India		
A distance constrained synaptic plasticity model of C. elegans neuronal network	Badhwar R., Bagler G.	Physica A: Statistical Mechanics and its Applications	2017	Scopus	Indian Institute of Technology JodhpurRajasthan 342001, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat 382007, India; Center for Computational Biology, Indraprastha Institute of Information Technology Delhi (IIIT-Delhi)New Delhi 110020, India	1	
A distance constrained synaptic plasticity model of C-elegans neuronal network	Badhwar, Rahul; Bagler, Ganesh	PHYSICA A- STATISTICAL MECHANICS AND ITS APPLICATIONS	2017	WoS	Dhirubhai Ambani Institute of Information and Communication Technology		
A learned sparseness and IGMRF-based regularization framework for dense disparity estimation using	Nahar S., Joshi M.V.	IPSI Transactions on Computer Vision and Applications	2017	Scopus	LNM Institute of Information Technology, Jaipur, India; Dhirubhai Ambani Institute of Information Technology, Gandhinagar, India		

unsupervised feature learning							
A new semantic equivalence for real-time processes	Bhateja P.	ACM International Conference Proceeding Series	2017	Scopus	DA-IICT, Gandhinagar, India		
A novel filterbank for epoch estimation	Bachhav P., Patil H.A.	25th European Signal Processing Conference, EUSIPCO 2017	2017	Scopus	EURECOM, Sophia-Antipolis, France; Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, 382007, India		
A regularized pan-sharpening approach based on self-similarity and Gabor prior	Upla K.P., Joshi M.V., Khatri N.	International Journal of Remote Sensing	2017	Scopus & WoS	Electronics Engineering Department, Sardar Vallabhbhai National Institute of Technology, Surat, India; Department of ICT, Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India		
A Tool for Visualizing Concurrent C Programs Using Graphs	Sokhadia H., Mathuria A.	Proceedings - IEEE 8th International Conference on Technology for Education, T4E 2016	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat 382007, India		
A2BSE: Anonymous attribute based searchable encryption	Chaudhari P., Das M.L.	ISEA Asia Security and Privacy Conference 2017, ISEASP 2017	2017	Scopus	LDRP-ITR, Gandhinagar, India; DA-IICT, Gandhinagar, India		
Advanced traveler information system using COCOMO and ECOMO	Chaturvedi M., Srivastava S.	TENSYMP 2017 - IEEE International Symposium on Technologies for Smart Cities	2017	Scopus	School of Technology, Pandit Deendayal Petroleum University, Gandhinagar, Gujarat, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		
Air pollution monitoring using wireless sensor network	Bathiya B., Srivastava S., Mishra B.	WIECON-ECE 2016 - 2016 IEEE International WIE Conference on Electrical and Computer Engineering	2017	Scopus	Dhirubhai Ambani Institute of Communication and Technology, Gandhinagar, Gujarat 362007, India	1	

An accelerometer based handwriting recognition of English alphabets using basic strokes	Kotak N.A., Roy A.K.	IEEE Region 10 Annual International Conference, Proceedings/TEN CON	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		
An efficient key escrow-free identity-based signature scheme	Sahana S.C., Bhuyan B., Das M.L.	International Journal of Applied Engineering Research	2017	Scopus	Department of Information Technology, North Eastern Hill University, Shillong, Meghalaya, India; Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat 382007, India		
An iterative message passing approach for compressive spectrum sensing	Vasavada Y., Prakash C.	2017 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017	2017	Scopus	DAIICT, Gandhinagar, India; SAC ISRO, Ahmedabad, India		
An unsupervised Bayesian approach to lung nodule segmentation in computed tomography	Sprague M., Mitra S.K.	VISIGRAPP 2017 - Proceedings of the 12th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications	2017	Scopus	University of Dayton, Department of Electrical and Computer Engineering, Dayton, OH, United States; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		
Analysis of Features and Metrics for Alignment in Text-Dependent Voice Conversion	Shah N.J., Patil H.A.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	Speech Research Lab, DA-IICT, Gandhinagar, India		
Auditory feature representation using convolutional restricted Boltzmann	Sailor H.B., Patil H.A.	Journal of the Acoustical Society of America	2017	Scopus & WoS	Speech Research Lab, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), GandhinagarGujarat 382007, India		1

machine and Teager energy operator for speech recognition							
Bayesian CRLB for Joint AoA, AoD and Multipath Gain Estimation in Millimeter Wave Wireless Networks	Pillutla L.S., Annavajjala R.	2017 IEEE Global Communications Conference, GLOBECOM 2017 - Proceedings	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat, 382007, India; Northeastern University, Boston, MA, United States		
Bessel sequences and frames in semi-inner product spaces	Sahu N.K., Nahak C., Mohapatra R.N.	Communications in Computer and Information Science	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, 382007, India; Department of Mathematics, Indian Institute of Technology Kharagpur, Kharagpur, 721302, India; Department of Mathematics, University of Central Florida, Orlando, FL 32816, United States		
Biomedical information retrieval	Sankhavara J., Majumder P.	CEUR Workshop Proceedings	2017	Scopus	Information Retrieval and Language Processing Lab., Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		
Classification of dental diseases using CNN and transfer learning	Prajapati S.A., Nagaraj R., Mitra S.	5th International Symposium on Computational and Business Intelligence, ISCBI 2017	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar Gujarat, 382007, India		
Cochlear filter and instantaneous frequency based features for spoofed	Patel T.B., Patil H.A.	IEEE Journal on Selected Topics in Signal Processing	2017	Scopus & WoS	Speech Research Lab, Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, 382007, India		3

speech detection							
Complex wavelet transform-based approach for human action recognition in video	Khare M., Gwak J., Jeon M.	2017 International Conference on Control, Automation and Information Sciences, ICCAIS 2017	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat 382007, India; Biomedical Research Institute and Department of Radiology, Seoul National University Hospital, Seoul, 03080, South Korea; School of Electrical Engineering and Computer Science, Gwangju Institute of Science and Technology, Gwangju, 61005, South Korea		
Comprehensive study of features for subject-independent emotion recognition	Ashutosh A., Savitha R., Suresh S.	Proceedings of the International Joint Conference on Neural Networks	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India; Institute for Infocomm Research, Agency for Science, Technology and Research, Singapore, Singapore; School of Computer Science and Engineering, Nanyang Technological University, Singapore		
DA-IICT at MediaEval 2017: Objective prediction of media interestingness	Gupta R., Narwaria M.	CEUR Workshop Proceedings	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, India		
Data Collection of Infant Cries for Research and Analysis	Chittora A., Patil H.A.	Journal of Voice	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology, Near Indroda Circle, Infocity, Gandhinagar, Gujarat, India		
Design methodology for an Energy Neutral Health Monitoring Wireless Sensor Node	Pokhara A., Mishra B.	Proceedings - 2016 6th International Symposium on Embedded Computing and System Design, ISED 2016	2017	Scopus	VLSI and Embedded Systems Research Group, DA-IICT, Gandhinagar, 382 007, India		
Design of a	Jani A.B.,	Proceedings of	2017	Scopus	Dhirubhai Ambani Institute of		

low-power, low-cost ECG & EMG sensor for wearable biometric and medical application	Bagree R., Roy A.K.	IEEE Sensors			Information and Communication Technology, Gandhinagar, Gujarat, India		
Design of complex adaptive multiresolution directional filter bank and application to pansharpening	Gajbhar S.S., Joshi M.V.	Signal, Image and Video Processing	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		1
Dew plant for bottling water	Sharan G., Roy A.K., Royon L., Mongruel A., Beysens D.	Journal of Cleaner Production	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, 382007, India; OPUR, 60 rue Emeriau, Paris, 75015, France; Matière et Systèmes Complexes, Université Paris Diderot & CNRS UMR 7057, 10 rue Domont et Duquet, Paris, 75205, France; Physique et Mécanique des Milieux Hétérogènes, UMR 7636 CNRS – ESPCI – Université Pierre et Marie Curie – Université Paris Diderot, 10 rue Vauquelin, Paris, 75005, France	1	6
DWAHP: Workload aware hybrid partitioning and distribution of RDF data	Padiya T., Bhise M.	ACM International Conference Proceeding Series	2017	Scopus	DA-IICT, Gandhinagar, India		
Effect of ICT on knowledge management process in Indian milk co-operatives:	Vangala R.N.K., Banerjee A.	IEEE Region 10 Humanitarian Technology Conference 2016, R10-HTC 2016 - Proceedings	2017	Scopus	ICT in Agriculture and Rural Development, DA-IICT, Gandhinagar, India; Information and Communication Technology (ICT), DA-IICT, Gandhinagar, India		

A structural equation modeling approach							
Effectiveness of ideal ratio mask for non-intrusive quality assessment of noise suppressed speech	Soni M.H., Patil H.A.	25th European Signal Processing Conference, EUSIPCO 2017	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India		
Effectiveness of Mel Scale-Based ESA-IFCC Features for Classification of Natural vs. Spoofed Speech	Kamble M.R., Patil H.A.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	Speech Research Lab, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat, India		
Efficient image authentication scheme using genetic algorithms	Londhey A., Das M.L.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	DA-IICT, Gandhinagar, India		
Efficient implementation of private license plate matching protocols	Vaishnav H., Sharma S., Mathuria A.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat 382007, India		
Estimating graph topology from sparse graph signals with an application to image denoising	Batavia D., Tatu A.	2017 IEEE 19th International Workshop on Multimedia Signal Processing, MMSP 2017	2017	Scopus	DAIICT, Gandhinagar, India		
Events, incidents	Pandya V.	Savage Attack: Tribal Insurgency	2017	Scopus	DA-IICT, Gandhinagar, Gujarat, India		

and accidents: Re-thinking indigenous resistance in the Andaman Islands		in India					
Feasibility of Idle Port Scanning Using RST Rate-Limit	Odhaviya R., Sheth R., Modi A., Mathuria A.	ACM International Conference Proceeding Series	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		
Food images and identity in the selected writings of three Indian American women writers	Rao Garg S.	The English Paradigm in India: Essays in Language, Literature and Culture	2017	Scopus	Dhirubhai Ambani Institute of Information Communication Technology (DA-IICT), Gandhinagar, India		
Fusion of a novel volterra-wiener filter based nonlinear residual phase and mfcc for speaker verification	Agrawal P., Patil H.A.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	Indian Institute of Science, Bengaluru, Karnataka, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		
Handling illumination variation: A challenge for face recognition	Koringa P.A., Mitra S.K., Asari V.K.	Advances in Intelligent Systems and Computing	2017	Scopus	DA-IICT, Gandhinagar, Gujarat 382007, India; University of Dayton, Dayton, OH, United States		
High-level shape representat	Goswami M.M., Mitra S.K.	ICPRAM 2017 - Proceedings of the 6th	2017	Scopus	Faculty of Technology, Dharmsinh Desai University, Nadiad, Gujarat, India; Dhirubhai		

ion in printed Gujarati characters		International Conference on Pattern Recognition Applications and Methods			Ambani Inst. of Information and Communication Tech., Gandhinagar, Gujarat, India		
Home access control through a smart digital locking-unlocking system	Tilala P., Roy A.K., Das M.L.	IEEE Region 10 Annual International Conference, Proceedings/TEN CON	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		
Identification of critical regulatory genes in cancer signaling network using controllability analysis	Ravindran V., Sunitha V., Bagler G.	Physica A: Statistical Mechanics and its Applications	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat, India; Center for Computational Biology, Indraprastha Institute of Information Technology Delhi (IIIT-Delhi), New Delhi, India	1	1
IKnow how you walk - A smartphone based personalized gait diagnosing system	Sasidhar K., Satyajeet S.	2017 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, 382007, India		
Impact decimation using alignment of granular spheres	Tiwari M., Krishna Mohan T.R., Sen S.	International Journal of Modern Physics B	2017	Scopus & WoS	Group in Computational Science and High Performance Computing, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat, 382421, India; CSIR Fourth Paradigm Inst. (Formerly CSIR Ctr. for Mathematical Modelling and Comp. Simulat. (C-MMACS)), NAL WTC Road, Bangalore, 560037, India; Department of Physics, State University of New York Buffalo, New York, 14260-1500, United States		1
Impact dispersion using 2D	Sen S., Krishna Mohan T.R.,	KONA Powder and Particle Journal	2017	Scopus & WoS	Department of Physics, State University of New York, Buffalo, NY 14260-1500, United States;		

and 3D composite granular packing	Tiwari M.				CSIR Centre for Mathematical Modelling and Computer Simulation (C-MMACS), Bangalore, Karnataka 560037, India; Group in Computational Science and High Performance Computing, DA-IICT, Gandhinagar, Gujarat 382007, India		
Improved write access control and stronger freshness guarantee to outsourced data	Kumar N., Mathuria A.	ACM International Conference Proceeding Series	2017	Scopus	IIIT, Vadodara, Gujarat, India; DAIICT, Gandhinagar, Gujarat, India		
Information extraction from microblog for disaster related event	Singla R., Modha S., Majumder P., Mandalia C.	CEUR Workshop Proceedings	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India; LDRP-ITR, Gandhinagar, Gujarat, India		
Introduction	Rao Garg S., Gupta D.	The English Paradigm in India: Essays in Language, Literature and Culture	2017	Scopus	Dhirubhai Ambani Institute of Information Communication Technology (DA-IICT), Gandhinagar, India; Panjab University, Chandigarh, India		
Investigating comprehension and learnability aspects of use cases for software specification problems	Tiwari S., Gupta A.	Information and Software Technology	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT) Gandhinagar, India; Indian Institute of Information Technology, Design and Manufacturing Jabalpur, India		
Joint distributed scheduling and tree formation for heterogeneous wireless sensor networks	Vasavada T., Srivastava S.	2016 IEEE International Conference on Advanced Networks and Telecommunications Systems, ANTS 2016	2017	Scopus	DA-IICT, Gandhinagar, India		

Linkage between ICT and agriculture knowledge management process: A case study from non-government organizations (NGOs), India	Vangala R.N.K., Banerjee A., Hiremath B.N.	IFIP Advances in Information and Communication Technology	2017	Scopus	DA-IICT, Gandhinagar, Gujarat 382007, India		
Log based method for faster IoT queries	Jain A., Padiya T., Bhise M.	TENSYMP 2017 - IEEE International Symposium on Technologies for Smart Cities	2017	Scopus	DA-IICT, Gandhinagar, India		
Lorentzian Based Adaptive Filters for Impulsive Noise Environments	Das R.L., Narwaria M.	IEEE Transactions on Circuits and Systems I: Regular Papers	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, 382007, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India, India	1	8
LXCat: an Open-Access, Web-Based Platform for Data Needed for Modeling Low Temperature Plasmas	Pitchford L.C., Alves L.L., Bartschat K., Biagi S.F., Bordage M.-C., Bray I., Brion C.E., Brunger M.J., Campbell L., Chachereau A., Chaudhury B., Christophorou L.G., Carbone E., Dyatko N.A., Franck C.M., Fursa D.V.,	Plasma Processes and Polymers	2017	Scopus & WoS	Laboratory Plasma et Conversion d'Energie (LAPLACE), CNRS and Université de Toulouse, 118 route de Narbonne, Toulouse, 31062, France; Instituto de Plasmas e Fusão Nuclear, Instituto Superior Técnico, Universidade de Lisboa, Av. Rovisco Pais, Lisboa, 1049-001, Portugal; Department of Physics and Astronomy, Drake University, Des Moines, IA 50311, United States; University of Liverpool, Oliver Lodge Lab Liverpool L69 3BX, United Kingdom; INSERM, UMR 1037 CRCT, Toulouse, F-31037, France; Université Toulouse III-Paul Sabatier, UMR 1037 CRCT, Toulouse, F-31037, France; Curtin Institute for Computation and Department of Physics, Astronomy and Medical Radiation Sciences, Curtin University, Perth, WA 6102,	3	16

	<p>Gangwar R.K., Guerra V., Haefliger P., Hagelaar G.J.M., Hoesl A., Itikawa Y., Kochetov I.V., McEachran R.P., Morgan W.L., Napartovich A.P., Puech V., Rabie M., Sharma L., Srivastava R., Stauffer A.D., Tennyson J., de Urquijo J., van Dijk J., Viehland L.A., Zammit M.C., Zatsarinny O., Pancheshnyi S.</p>			<p>Australia; Department of Chemistry, University of British Columbia, Vancouver, BC V6T 1Z1, Canada; School of Chemical and Physical Sciences, Flinders University, GPO Box 2100, Adelaide, SA 5001, Australia; Institute of Mathematical Sciences, University of Malaya, Kuala Lumpur, 50603, Malaysia; Power Systems and High Voltage Laboratories, ETH Zurich, Physikstr. 3, Zurich, 8092, Switzerland; DA-IICT, Gandhinagar, 382007, India; Academy of Athens, 28 Panepistimiou Street, Athens, 10679, Greece; Institute for Plasma and Atomic Physics, Ruhr-University Bochum 44780, Germany; State Research Center of Russian Federation Troitsk Institute for Innovation and Fusion Research, Pushkovykh str., prop. 12, Troitsk, Moscow, 142190, Russian Federation; Department of Physics, Indian Institute of Technology, Roorkee, 247 667, India; Institute of Space and Astronautical Science, Sagami-hara, 252-5210, Japan; Plasma and Positron Research Laboratory, Research School of Physics and Engineering, Australian National University, Canberra, 0200, Australia; Kinema Research and Software, LLC, PO Box 1147, Monument, CO 80132, United States; Laboratoire de Physique des Gaz et des Plasmas, CNRS & Université Paris-Sud, Orsay, F-91405, France; Department of Physics and Astronomy, York University, Toronto, ON M3J 1P3, Canada; Department of Physics and Astronomy, University College London, London, WC1E6BT, United Kingdom; Instituto de Ciencias Físicas, Universidad Nacional</p>	
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					Autónoma de México, Cuernavaca, Mor, 62251, Mexico; Department of Applied Physics, Eindhoven University of Technology, PO Box 513, Eindhoven, 5600 MB, Netherlands; Department of Science, Chatham University, Pittsburgh, PA 15232, United States; Theoretical Division, Los Alamos National Laboratory, Los Alamos, NM 87545, United States; ABB Corporate Research, Segelhofstrasse 1 K, Baden-Dättwil, 5405, Switzerland		
MalDetec: A non-root approach for dynamic malware detection in android	Trivedi N., Das M.L.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	DA-IICT, Gandhinagar, India		
Medical image security with cheater identification using secret sharing scheme	Krishnan A., Das M.L.	Lecture Notes in Electrical Engineering	2017	Scopus	DA-IICT, Gandhinagar, Gujarat, India		
Microblog processing: A study	Modha S.	CEUR Workshop Proceedings	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		
Multi-Modal Design of an Intelligent Transportation System	Chaturvedi M., Srivastava S.	IEEE Transactions on Intelligent Transportation Systems	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology, Gujarat, 382007, India		3
Mutual healing enabled group-key distribution protocol in Wireless	Agrawal S., Das M.L.	Computer Communications	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		1

Sensor Networks							
Network Coding Based Distributed Indoor Target Tracking Using Wireless Sensor Networks	Pillutla L.S.	Wireless Personal Communications	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Post Bag 4, Near Indroda Circle, Gandhinagar, Gujarat 382007, India		
Node revocation and key update protocol in wireless sensor networks	Agrawal S., Das M.L.	2016 IEEE International Conference on Advanced Networks and Telecommunications Systems, ANTS 2016	2017	Scopus	DAIICT, Gandhinagar, India		
Novel Amplitude Scaling method for bilinear frequency Warping-based Voice Conversion	Shah N.J., Patil H.A.	ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, India		
Novel energy separation based instantaneous frequency features for spoof speech detection	Kamble M.R., Patil H.A.	25th European Signal Processing Conference, EUSIPCO 2017	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat, 382007, India		
Novel Gammatone Filterbank Based Spectro-Temporal Features for Robust Phoneme Recognition	Nagpal A., Patil H.A.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India		

Novel linear prediction temporal phase based features for speaker recognition	Gandhi A., Patil H.A.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	Infinium Solutionz Pvt Ltd, Ahmedabad, India; Dhirubhai Ambani Institute of Information Communication and Technology, Gandhinagar, India		
Novel phase encoded mel cepstral features for speaker verification	Naik A.J., Tak R., Patil H.A.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat, India		
Novel Phase Encoded Mel Filterbank Energies for Environmental Sound Classification	Tak R.N., Agrawal D.M., Patil H.A.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	Speech Research Lab, Dhirubhai Ambani Institute of Information and Communication Technology, (DA-IICT), Gandhinagar, India		
Novel shifted real spectrum for exact signal reconstruction	Soni M.H., Tak R., Patil H.A.	Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH	2017	Scopus	Speech Research Lab, Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujrat, India		
Novel TEO-based gammatone features for environmental sound classification	Agrawal D.M., Sailor H.B., Soni M.H., Patil H.A.	25th European Signal Processing Conference, EUSIPCO 2017	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat, India		
Novel variable length teager energy separation based instantaneous frequency	Patil H.A., Kamble M.R., Patel T.B., Soni M.	Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH	2017	Scopus	Speech Research Lab, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat, India		

features for replay detection							
Oblique wave trapping by vertical permeable membrane barriers located near a wall	Koley S., Sahoo T.	Journal of Marine Science and Application	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, 382007, India; Department of Ocean Engineering and Naval Architecture, Indian Institute of Technology, Kharagpur, 721302, India		
On a Low-Frequency and Refinement Stable PMCHWT Integral Equation Leveraging the Quasi-Helmholtz Projectors	Beghein Y., Mitharwal R., Cools K., Andriulli F.P.	IEEE Transactions on Antennas and Propagation	2017	Scopus & WoS	Department of Information Technology (INTEC), Ghent University, Ghent, Belgium; Dhirubhai Ambani Institute of Information Communication Technology (DA-IICT), Gandhinagar, India; Electrical Systems and Optics Research Division, University of Nottingham, Nottingham, United Kingdom; CERL Laboratory, IMT Atlantique, Brest, France		
On automated detection of multi-protocol attacks using AVISPA	Garg V., Mathuria A.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	DAIICT, Gandhinagar, India		
On the security of a searchable anonymous attribute based encryption	Chaudhari P., Das M.L.	Communications in Computer and Information Science	2017	Scopus	DA-IICT, Gandhinagar, India; LDRP, Gandhinagar, India		
On the verification of conjunctive keyword search results using authenticated crawlers	Sharma R., Das M.L.	2017 9th International Conference on Communication Systems and Networks, COMSNETS 2017	2017	Scopus	DA-IICT, Gandhinagar, India		
Orthogonal neighborho	Koringa P.A., Mitra	ICPRAM 2017 - Proceedings of	2017	Scopus	Dhirubhai Ambami Institute of Information and Communication		

od preserving projection using L1-norm minimization	S.K.	the 6th International Conference on Pattern Recognition Applications and Methods			Technology, Gandhinagar, Gujarat, India		
Partial matching and search space reduction for QbE-STD	Madhavi M.C., Patil H.A.	Computer Speech and Language	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, India		
Performance analysis of current-mode interconnect system in presence of process, voltage, and temperature variations	Agrawal Y., Parekh R., Chandel R.	Lecture Notes in Electrical Engineering	2017	Scopus	VLSI and Embedded Systems Research Group, Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat 382007, India; Department of Electronics and Communication Engineering, National Institute of Technology, Hamirpur, Himachal Pradesh 177005, India		
Performance Improvement in Wideband Spectrum Sensing under Fading: Use of Diversity	Captain K., Joshi M.	IEEE Transactions on Vehicular Technology	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, 382007, India		
Predicting the future in time series using autoregressive linear regression modeling	Priya S.S., Gupta L.	IFIP International Conference on Wireless and Optical Communications Networks, WOCN	2017	Scopus	M.S.Ramaiah Institute of Technology, Bangalore, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India		
Preface	Rao Garg S., Gupta D.	The English Paradigm in India: Essays in Language, Literature and Culture	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information Communication Technology (DA-IICT), Gandhinagar, India; Panjab University, Chandigarh, India		
Preference of	Krasula L., Narwaria	IEEE Journal on Selected Topics in	2017	Scopus & WoS	IRCCyN CNRS UMR 6597, LUNAM University, Nantes, 44306,		

Experience in Image Tone-Mapping: Dataset and Framework for Objective Measures Comparison	M., Fliegel K., Le Callet P.	Signal Processing			France; Department of Radio Engineering, Faculty of Electrical Engineering, Czech Technical University in Prague, Prague, 6 166 27, Czech Republic; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, 382007, India		
Privacy preserving signcryption scheme	Chaudhari P., Das M.L.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	DA-IICT, Gandhinagar, India		
Privacy-preserving proxy re-encryption with fine-grained access control	Chaudhari P., Das M.L., Dasgupta D.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	LDRP-ITR, Gandhinagar, India; DA-IICT, Gandhinagar, India; University of Memphis, Memphis, United States		
ProMusicDB.org: Preserving legacy with artist-centric professional music data curation	Crowl C., Sorathia V.	Music Reference Services Quarterly	2017	Scopus	Master of Music, University of MiamiFL, United States; Dhirubhai Ambani Institute of Information and Communication Technology, University in Gandhinagar, India		
Quality assessment of voice converted speech using articulatory features	Rajpal A., Shah N.J., Zaki M., Patil H.A.	ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings	2017	Scopus	DA-IICT, Gandhinagar, 382007, India; IISc, Bangalore, 560012, India		
Robust heart rate estimation from multimodal physiological signals using beat	Rankawat S.A., Dubey R.	Biomedical Signal Processing and Control	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology Gandhinagar, India		1

signal quality index based majority voting fusion method							
Role of temporal diversity in inferring social ties based on spatio-temporal data	Desai D., Nisar H., Bhardawaj R.	ACM International Conference Proceeding Series	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India; Institute of Financial Management and Research, New Delhi, India		
Schedule length balancing for aggregated convergecast in multiple sinks wireless sensor networks	Vasavada T., Srivastava S.	TENSYMP 2017 - IEEE International Symposium on Technologies for Smart Cities	2017	Scopus	DA-IICT, Gandhinagar, India		
Security and privacy issues in outsourced personal health record	Kumar N., Mathuria A.	Research Advances in Cloud Computing	2017	Scopus	IIIT Vadodara, Gandhinagar, India; DA-IICT Gandhinagar, Gandhinagar, India		
Sequential cooperative spectrum sensing in cognitive radio networks: Optimal selection of secondary users and their spectral measurements	Pillutla L.S., Joshi B.	2017 9th International Conference on Communication Systems and Networks, COMSNETS 2017	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat 382007, India	1	
Set	Jadeja M.,	Electronic Notes	2017	Scopus	Dhirubhai Ambani Institute of		

Labelling Vertices To Ensure Adjacency Coincides With Disjointness	Muthu R., Sunitha V.	in Discrete Mathematics			Information and Communication Technology, Gandhinagar, 382007, India		
Significance of source-filter interaction for classification of natural vs. spoofed speech	Patel T.B., Patil H.A.	IEEE Journal on Selected Topics in Signal Processing	2017	Scopus & WoS	Speech Research Lab, Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, 382007, India		1
Similarity based regularization for online matrix-factorization problem: An application to course recommender systems	Shah D., Shah P., Banerjee A.	IEEE Region 10 Annual International Conference, Proceedings/TEN CON	2017	Scopus	Tata Consultancy Services, Pune, India; IIIT, Vadodara, India; DA-IICT, Gandhinagar, India		
Single-precision floating point matrix multiplier using low-power arithmetic circuits	Gargave S., Agrawal Y., Parekh R.	Lecture Notes in Electrical Engineering	2017	Scopus	VLSI and Embedded Systems Group, Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat 382007, India		
Spectral and algorithmic strategies for penetrable scatterers on simply and non-simply connected geometries	Beghein Y., Mitharwal R., Cools K., Andriulli F.P.	Proceedings of the 2017 19th International Conference on Electromagnetics in Advanced Applications, ICEAA 2017	2017	Scopus	Ghent University, Belgium; Dhirubhai Ambani Institute of Information and Communication Technology, India; University of Nottingham, University Park, Nottingham, NG7 2RD, United Kingdom; Ecole Nationale Supérieure Mines-Tlcom Atlantique Bretagne Pays de la Loire, Brest, 29238, France		
Specularity	Shah F.,	IEEE Region 10	2017	Scopus	Dhirubhai Ambani Institute of		

removal for robust road detection	Shah P., Dubey R.	Annual International Conference, Proceedings/TEN CON			Information and Communication Technology, Gandhinagar, Gujarat, India; Indian Institute of Information Technology, Vadodara, India		
Speeding up reinforcement learning-based information extraction training using asynchronous methods	Sharma A., Parekh Z., Talukdar P.	EMNLP 2017 - Conference on Empirical Methods in Natural Language Processing, Proceedings	2017	Scopus	Indian Institute of Science, Bangalore, India; DA-IICT, Gandhinagar, India		
Spoken Keyword Retrieval Using Source and System Features	Madhavi M.C., Patil H.A., Bhendawade N.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, India; Texas A&M University, College Station, TX, United States		
Study of effect of numerical breast phantom heterogeneity on dielectric profile reconstruction using microwave imaging	Patel H.N., Ghodgaonkar D.K.	Progress In Electromagnetics Research M	2017	Scopus	RF & Wireless Lab, DA-IICT, Gandhinagar, Gujarat, India		
Summarizing disaster related event from microblog	Modha S., Singla R., Majumder P., Soni C.	CEUR Workshop Proceedings	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India; Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India; LDRP-ITR, Gandhinagar, Gujarat, India		
System of nonlinear variational inclusion problems with (A, η) -	Sahu N.K., Mahato N.K., Mohapatra R.N.	Statistics, Optimization and Information Computing	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India; PDPM IITDM, Jabalpur, India; University of Central Florida, Orlando, FL 32816, United States		

maximal monotonicity in Banach spaces							
The effect of noise on complex permittivity reconstruction in mathematical breast model	Patel H.N., Ghodgaonkar D.K.	2016 International Conference on Systems in Medicine and Biology, ICSMB 2016	2017	Scopus	RF and Wireless Research Group, DA-IICT, Gandhinagar, India		
The English paradigm in India: Essays in language, literature and culture	Rao Garg S., Gupta D.	The English Paradigm in India: Essays in Language, Literature and Culture	2017	Scopus	Dhirubhai Ambani Institute of Information Communication Technology (DA-IICT), Gandhinagar, India; Panjab University, Chandigarh, India		
Trying not to die benchmarking - Orchestrating RDF and graph data management solution benchmarks using LITMUS	Thakkar H., Keswani Y., Dubey M., Lehmann J., Auer S.	ACM International Conference Proceeding Series	2017	Scopus	University of Bonn, Bonn, 53117, Germany; DA-IICT, Gandhinagar, 382007, India		
UCAnalyzer: A Tool to Analyze Use Case Textual Descriptions	Tiwari S., Laddha M.	Proceedings - 2017 IEEE 25th International Requirements Engineering Conference, RE 2017	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India		
Unsupervised filterbank learning using Convolutional Restricted Boltzmann Machine for environmental sound	Sailor H.B., Agrawal D.M., Patil H.A.	Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH	2017	Scopus	Speech Research Lab, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, India		

classification							
Unsupervised representation learning using convolutional restricted boltzmann machine for spoof speech detection	Sailor H.B., Kamble M.R., Patil H.A.	Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH	2017	Scopus	Speech Research Lab, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat 382007, India		
Use of discrete wavelet transform method for detection and localization of tampering in a digital medical image	Gadhiya T.D., Roy A.K., Mitra S.K., Mall V.	TENSYMP 2017 - IEEE International Symposium on Technologies for Smart Cities	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India		
Variability Analysis of Stochastic Parameters on the Electrical Performance of On-Chip Current-Mode Interconnect System	Agrawal Y., Chandel R., Dhiman R.	IETE Journal of Research	2017	Scopus & WoS	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat, India; Department of Electronics & Communication Engineering, National Institute of Technology, Hamirpur, Himachal Pradesh, India		1
Variants of Locality Preserving Projection for Modular Face and Facial Expression Recognition	Shikkenawis G., Mitra S.K.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, India		
Verifiable private	Bultel X., Das M.L.,	Lecture Notes in Computer Science	2017	Scopus	Université Clermont Auvergne, CNRS, LIMOS, Clermont-Ferrand,		

polynomial evaluation	Gajera H., Gérault D., Giraud M., Lafourcade P.	(including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)			France; DA-IICT, Gandhinagar, India		
VTLN-Warped gaussian posteriorgram for QbE-STD	Madhavi M.C., Patil H.A.	25th European Signal Processing Conference, EUSIPCO 2017	2017	Scopus	Dhirubhai Ambani Institute of Information and Communication Technology, India		

3.4.6 h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

h-index for institute for the year 2017 for Scopus is 33 and Web of Science is 21

Title of the papers with number of citations excluding self citations as per above point 3.4.5

3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshop	6	15	Nil	Nil
Presented papers	5	1	Nil	Nil
Resource Persons	Nil	Nil	Nil	nil

Sr. No.	Conference Date	Teacher	Sanctioned Support Amount (Rs.)	Conference Name
1	18 Jul - 21 Jul 2017	R Muthu	45000	ITCDM Conf at Taiwan
2	4 Sep - 09 Sep 2017	Saurabh Tiwari	55000	Paper presentation at Portugal
3	July -Aug 2017	MV Joshi	50000	paper Publication in IEEE Conf
4	22.5 – 03 Jun 2017	ML Das	100000	Indo french Project at France
5	4 Dec to 8 Dec 17	L Pillutla	97000	paper presentation at Singapore
6	14-16 Nov 2017	A Tatu	88500	Regstiration fee
7	13-15 Nov 2017	MV Joshi	50620	IEEE Regn fee
8	06-09 Apr 2017	Puneet Bhateja	25000	SCSS - 2017
9	04-06 Nov 2017	Rajib Lochan Das	27000	regn IEEE IGST
10	21.22 Sep 2017	Minal Bhise	38722	regn,trave,hotel
11	21-22 Sep 2017	Sanjay Srivastava	50000	regn,trave,hotel
12	27-30 Sep 2017	Yash Vasavada	20897	regn,trave,hotel
13	09 Oct 017	Shweta Gagr	4000	conference fee
14	05 Oct 2017	Anish Mathuria	8000	regn int conf
15	5 Dec 2017	Prof Santanu	502	research visit to SAC

		Koley		
16	11-13 Dec 2017	Prof Sanjeev Gupta	17200	Conf regn IMaRC 2017
17	18-20 Dec 2017	Prof Anish Mathuria	22500	ICISS 17 at IITB
18	5-8 Dec 2017	Prof Suman K. Mitra	30000	paper pre PReMI 2017
19	14-16 Dec 2017	Prof Manoj Raut	47000	17th int conf ISDA 2017
20	4-6 Dec 2017	Prof S Dasgupta	175000	paper presentation K-CAP2017 conf. at US
21	13-16 Sep 2017	Yash Vasavada	30991	ICACCI Conf. regn
22	11-13 Jan 2018	Manish Narwaria	22342	CoDS-COMAD 2018
23	19 Dec 2017	P Majumder	13782	ISI Kolkata for proj dis.
24	10-12 Dec 2017	P Majumder	7200	IISc B for Fire 2017
25	10-11 Apr 2018	Manish Khare	10,161	FDP Workshop
26	15-20 Apr 2018	Hemant Patil	43000	paper in ICASSP 2018 in Canada
27	19-22 Mar 2018	Manish Khare	1,13,610	Conf regn visa etc

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)	
			Amt Received	Expense
Prof. Sanjeev Gupta	CPS Summer School		393,046.94	393,046.94
Prof. Alka Parikh	TIFAC Workshop		186,000.00	186,000.00
	Workshop Fire		157,526.00	157,526.00

3.5.2 Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
NIL				

3.6 Extension Activities

3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers coordinated in such activities	Number of students participated in such activities
1. HackInfinity in Agriculture 2017 on 11-12 Nov 2017	CIIE, IIM-A Ahmedabad		National participation, over 150
2. Eco-Youth Run on 26 Jan 2018 to promote the 3R's-	DA-IICT's own initiative	15 faculty and 10 staffs	Over 400 from all

"Reduce Reuse Recycle".			over Gujarat	
3. "Vigyaan Shaala" – proposal of an initiative of teaching science in govt. schools	Supported by GUJCOST	Currently it has been conceptualized and a proposal is under consideration by GUJCOST to support it.		
4. Blood donation camps organized during the year	Annually we organize at least 2 Blood Donation Camps through our Sambhav club in which the team from Civil Hospital, Gandhinagar comes to facilitate the process and collect the donated blood. At least 15 faculty, equal number of staff and over 200 students donate blood in this camp.			
3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year				
Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited	
NIL	NIL			
3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year				
Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated in such activities	Number of students participated in such activities
	Andaman and Nicobar Tribal Research Institute	"Ang Katha" - a project to provide the Jarawas in the Great Andaman an opportunity to participate in the development of a modality of schooling for children by combining elements of modern numerical and verbal literacy with indigenous knowledge and cultural values.		
	Rahelba Vruddhashram	Visit to an Old Age Home on 31 October 2017	1 (Prof. Alka Parikh)	Sambhav Group of DA-IICT
Swachh Bharat	Govt. of Gujarat	Eco Youth Run on 26 January 2018 to promote the 3R's-	15 Faculty	DA-IICT Students,

		"Reduce Reuse Recycle"		Faculty and Staff
National Technology Day	SAC (ISRO), Ahmedabad	Presentation on the topic - "Science and Technology for Sustainable Future: Space Perspective" on National Technology Day on 16th May 2018	1 (Prof. Ranendu Ghosh)	Prithvish Doshi (2016 01043) Aayush Agrawal (201501139)

3.7 Collaborations

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Visited the institute of Information Science and Natural Language Processing	Parth Mehta (PhD Student)	<i>Erasmus Mundus</i> exchange program between DAIICT and Universität Hildesheim.	16 weeks
Attended the annual European Conference (ECIR) on Information Retrieval and to present his work on automatic text summarization	Parth Mehta (PhD Student)	Got a support of 800 € as a student grant.	1 week
To undertake a research internship at the Viterbi School of Engineering, California, USA.	Omkar Damle (BTech student)	Viterbi-India Program.	May-July 2018
Visited The Center for Language and Speech Processing, Johns Hopkins University for her BTech Project in Information Retrieval	Nidhi Vyas (BTech student)	The Center for Language and Speech Processing, Johns Hopkins University.	Jan- April 2018

3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/industry/research lab with contact details	Duration (From-To)	Participant
Summer intern	Summer intern	Amazon India Pvt Ltd	Mid May -Mid July	5
Summer intern	Summer intern	GE Digital Pvt Ltd	Mid May -Mid July	1
Summer intern	Summer intern	Goldman Sachs	Mid May -Mid July	4
Summer intern	Summer intern	Morgan Stanley Advantage	Mid May -Mid July	6

		Services Pvt Ltd		
Summer intern	Summer intern	Sprinkl Solutions Pvt Ltd	Mid May -Mid July	12
Summer intern	Summer intern	VISA (For girls)	Mid May -Mid July	2
3.7.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year				
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs	
Government of Gujarat	25 Sep 2017	<p>a. DA-IICT is identified as Anchor Institute for Course offerings under the Anchor Institute Program by the Centre for Entrepreneurship Development, Government of Gujarat.</p> <p>b. DA-IICT is identified as a Nodal Institute for promotion of Entrepreneurship under SSIP (Student Start-up and Innovation Policy)</p> <p>c. Design and Innovation Lab established at DA-IICT by GUJCOST in 2017 to foster innovation, encourage and publicize design and innovation in ICT field for</p>	<p>1. "Digital System Architecture Using Verilog HDL", June 4-8, 2018, Instructors: Profs. Amit Bhatt, Yash Agrawal, Persons benefitted: 21</p> <p>2. "Design & Implementation Of Relational Databases", June 11-15, 2018, Instructors: Profs. P M Jat, Amit Mankodi, Persons benefitted: 15</p> <p>3. "C/C Programming", June 11 to 15, 2018, Instructors: Profs. Asim Banerjee & Lavneet Singh, Persons benefitted: 8</p> <p>Proposals of startup which were supported:</p> <p>1. Generic approach based accident detection and notification system for motor-vehicles, Approved budget : 1,19,000, Date : 21-02-2018, No of Students : 2, Mentor : 1.</p> <p>2. Smart Travel Bag, Aproved budget : 96,434, Date : 04-04-2018, No of student : 1, Mentor : 1</p> <p>Events support:</p> <p>1. HackInfinity (Hackathon), Budget : 1,50,000, Date 11-12 Nov 2017, No. of Participants: 112</p> <p>Data not captured in this way. However, the facility is being</p>	

		underprivileged community.	utilized.
Bennett University, Noida	Aug 2017	To collaborate with Leadingindia.ai, one of the largest nation-wide initiative on skilling and research in Deep Learning and Artificial Intelligence Technologies. This project has the potential to change the landscape of Artificial Intelligence research in India	No activity in this period
Infinium Solutionz Pvt Ltd, Ahmedabad	21 Sep 2017	<ul style="list-style-type: none"> - To support DA-IICT's efforts in education, training and research in the areas of Geospatial Technology and other research areas of mutual interest. - Infinium Scholarship will be provided to the students who will be working on a problem mutually decided by DA-IICT and Infinium Solutionz 	3 B.Tech. students (Rushikesh, ID 201401106 and Urmil ID 201401013 and Gamita, ID 201401101) have completed paid BTP with Amnex on mutually defined problems.
Gujarat Knowledge Society	25 Sep 2017	Implementation of the Student Startup and Innovation Policy (SSIP) of Government of Gujarat.	Same as above (SSIP)
Universiti Teknologi MARA, 40450 Shah Alam, Selangor Malaysia	29 Aug 2017	<p>To promote academic and research cooperation as follows:</p> <ul style="list-style-type: none"> a. Institutional exchanges between faculty and staff; b. Acceptance of undergraduate and graduate students between parties for periods of study and/or research and joint guidance of students on projects and theses. c. Organization of joint seminars, workshops, 	1. There was exchange of information via e-mail with staff and students of Microwave Research Institute (MRI), UiTM and DA-IICT several times in last one year. This was about research on MNDT and submitting sponsored research projects to Malaysian Government Agencies. We have one project under consideration under international collaboration fund. Also, two PhD students visited Malaysia in December 2018 to present conference papers and

		<p>symposia, conferences, short courses and meetings on research issues;</p> <p>d. Exchange of information pertaining to developments in teaching, student development and research institutions.</p>	exchanged information with MRI staff.
Dr. C R RAO Advanced Institute of Mathematics, Statistics and Computer Science, Hyderabad	5 Mar 2018	<p>a. To allow and use their best endeavors to affect visits from one Institute to the other by members of the academic staff for the purpose of participating in joint teaching, joint research and guidance and joint Conferences/Seminars /Training Programs.</p> <p>b. To allow visits of Research Fellows to each other Institute to utilize the facilities and research support for short terms.</p> <p>c. To encourage the exchange of scientific materials, publications and information with secrecy to be maintained.</p> <p>d. To prepare, as necessary, P.G./Ph.D. Programs detailing specific forms and contents of cooperation.</p>	It has just started and its impact will be observed later.

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES	
4.1 Physical Facilities	
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year	
Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
18,96,50,000	1,28,22,826

4.1.2 Details of augmentation in infrastructure facilities during the year		
Facilities	Existing	Newly added
Campus area		
Class rooms	25	0
Laboratories	23	0
Seminar Halls	4	0
Classrooms with LCD facilities	25	0
Classrooms with Wi-Fi/ LAN	25	0
Seminar halls with ICT facilities	25	0
Video Centre	3	0
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	08	
Value of the equipment purchased during the year (Rs. in Lakhs)	12,822,826.00/-	
Others		

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SLIM++ (2002-2016)	Partially	-	2002
KOHA ILS (2016 onwards)		16.11.06.000	2016

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	29360	56684014.14	224	182360.84	29584	56866374.98
Reference Books	1468	4800555.78	9	10325.16	1477	4810880.94
e-Books	44564	2201471.00	3289	2545442	47853	4746913.00

Journals	144	1661487.00	-50	-	94	926,915.00			
e-Journals	12315	6605576.28	587	2021406.82	12902	8626983.10			
Digital Database	1	86250.00	-	-	1	56,335.00			
CD & Video	4027	13,91,891.00	-	-	4027	13,91,891.00			
Library automation	Library Automation platform is developed inhouse, hence shown zero value.								
Weeding (Hard & Soft)	Nil								
Others (specify)									
¹ Journals and e-Journals are annually renewed and therefore there is no difference in existing and newly added values. ² Digital database is also renewed annually. ³ CD come free with books and DVDs we purchase. In the value cell what we are showing is the price of DVDs. ⁴ Library Automation platform is developed inhouse, hence we have shown zero value for this.									
4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc									
Name of the teacher	Name of the module		Platform on which module is developed			Date of launching e - content			
Prof. Binita Desai	Introduction to Design Module: Design for Society		SWAYAM			May 2018			
4.3 IT Infrastructure									
4.3.1 Technology Upgradation (overall)									
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (M/GBPS)	Others (Wi-fi Access Points)
Existing	1195	26	1195	4*	3			1GBPS + 20MBps	46
Added	72	2	72	0	0				54
Total	1267	28	1267	4	3			1GBPS + 20MBps	100
Note: Total computers includes Desktops, Laptops & spares Computer Labs includes Research Labs also Internet available in all PCs based on authentication & request In browsing centers one center shared with computer Lab									

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)			
1 GBPS & 20 MBPS fibre Leased line			
4.3.3 Facility for e-content			
Name of the e-content development facility		Provide the link of the videos and media centre and recording facility	
Access the Digital resource CD/DVD collection		ftp://rcmedia.daiict.ac.in (Password Protected)	
Online Lecture delivery to remote location using video conference facility		Online delivery using VC	
4.4 Maintenance of Campus Infrastructure			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1,97,03,000	5,89,90,252	15,54,70,000	9,38,22,959
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)			
1. Introduction:			
1.1 The Estate Section in Administration Division headed by the Estate Engineer under the supervision of Head (Administration) is responsible for maintenance of campus buildings, machineries and equipment. The section contains supervisory and technical staff such as Estate Engineer, General Assistant, Electricians, Plumber and Carpenter.			
1.2 The maintenance of computers, servers, communication equipment etc., are handled by the Systems Administration Section headed by Manager (IT & Systems) and overseen by the ICT Committee. The Section has Manager (IT & Systems), Hardware and Software Engineers, Project Leader supported by System Administrator, Support Engineer and a Helpdesk with a Coordinator to record defects and break-down complaints.			
1.3 The staffing allocations as narrated above have enabled the Institute to implement effective preventive maintenance and also attend to break-downs and defects instantly and maintain all the equipment and computers in working condition on 24 x 7 basis.			
2. Maintenance Policy:			
The Institute has three distinct maintenance policies – (a) Preventive. (b) Break-down and (c) Total Maintenance.			

- 2.1 The Estate Engineer conducts periodical inspection of campus buildings and generates proposals for required maintenance. The proposals, after review by the Head (Administration), are forwarded for approval of the Executive Registrar/Director depending upon the estimated cost. In case the estimated cost exceeds Rs.1.00 lakh a detailed assessment of the proposal is carried out by a Committee consisting of the Executive Registrar, Head (Admin. & HR), Estate Engineer and Commercial Officer and based on the recommendations of the Committee, on approval of the Director, tenders are invited from selected building maintenance contractors.
- 2.2 On technical and financial evaluation of the tenders received, with the approval of the Director the work is awarded to a Contractor who has the reputation of rendering quality maintenance work of buildings and at a cost moderately lower.
- 2.3 In respect of machineries and equipment such as transformers, generator, air conditioners, water treatment plants, garden irrigation system, annual maintenance contract is awarded which includes preventive maintenance and break-down occurrences to Contractors who are specialized in maintenance of machineries and equipment following the tender procedures as described in Sl. No. 2.1 and 2.2.
- 2.4 The Estate Section monitors and certifies the quality of work carried out by the Contractors. In certain specialized maintenance work, external experts are invited to assess the quality of work and certify.
- 2.5 The Systems Administration Section, invites tenders from reputed specialized Contractors for maintenance of Computers, Servers, Communication Equipment and other ICT equipment every financial year. The tenders received are technically and financially evaluated by the ICT Committee headed by a faculty as Convenor with other two faculty members, Executive Registrar and Manager (IT & Systems) as members. The recommendations of ICT Committee are submitted to the Director and on his approval the total maintenance contract is awarded.
- 2.6 The contract awarded specifies preventive, defective and break-down maintenances. The Contractor assigns a group of specialized technical personnel on campus to handle maintenance, technical glitches and break-downs on the spot. The hardware and software engineers of the Institute oversee and monitors the work of the technical personnel assigned by the Contractor.
- 2.7 The building maintenance of Laboratories and Class Rooms are handled by the Estate Section. The maintenance of Servers earmarked, Computers and audio-visual equipment installed in Laboratories, Lecture Theaters and Class Rooms are maintained by the Systems Administration Section.
- 2.8 The Systems Manager certifies the quality of work and bills of the Contractor for payment and reports to ICT Committee on the services of the Contractor

CRITERION V - STUDENT SUPPORT AND PROGRESSION				
5.1 Student Support				
5.1.1 Scholarships and Financial Support				
	Name /Title of the scheme	Number of students	Amount in Rupees	
Financial support from institution	MYSY	255	14070000	
	Hon. CM Scholarship scheme	39	1950000	
	Other Govt. Scholarships	12	1645000	
	Tuition Fees Waiver Scheme (TFWS)	18	2436000	
	DA-IICT / Rcom	63	7567000	
	DA-IICT (TAship)	250	23958716	
Financial support from other sources				
a) National	UGC	2 PhD students	Amount not known	
b) International				
<u>Financial Support for Students (for presenting their research papers at conferences through CPDA) from DA-IICT):</u>				
Date	Student Name	Faculty	Perticular	Amt
14 Jul 2017	Tushar Gadiya	Prof Anil K Roy	paper pre at Kochi	20,000
4 Oct 2017	Trupti Padiya	Prof Minal Bhise	conf regn	30,000
25 Oct 2017	Ronak Odhaviya	Prof A Mathuria	travel support for conf	4,440
9 Jan 2018	Milind Shah	Prof Sanjeev Gupta	regn fee for IMaRC-2017 conf	6,000
9Jan 2018	Vineet Dad	Prof Sanjeev Gupta	regn fee for IMaRC-2017 conf	6,000
18 Jan 2018	Sujata	Prof Suman Mitra	regn /travel for ICAPR 2017 conf	20,000
18 Jan 2018	Pankaj Chaudhary	Prof D Ghodgaonkar	IMaRC 2017 conf regn	1,500
31 Jan 2018	Rahul Vasisth	Prof D Ghodgaonkar	IMaRC 2017 conf regn	1,500
6 Mar 2018	Kamal Captain	Prof MV Joshi	conf regn	6,000
14 Mar 2018	Parth Mehta	Prof P Majumder	Travel exp	7,500
4 Apr 2018	Purvi Patel	Prof Biswajit Mishra	Publication regn charges Jun 18	37,721
5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,				

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Weekly Debate Session	25 Jul 2018	>80	Debate Club, DA-IICT
Entelechy (Online magazine)	25 Jul 2018	>80	Press Club, DA-IICT
Quizzing Sessions	25 Jul 2018	>50	Headrush Club, DA-IICT
Remedial Classes	Mid-September	~40	Academic Committee/B Tech TAs
Student Mentorship	25 Jul 2018	12	Anti-Ragging Committee
Personal Counsellors	25 Jul 2018	Variable	Institute's Professional Counsellors

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2018	Alumni interactive sessions	>30 (UPSC like government exams)	>100	None	327

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
Nil	Nil	Not Applicable

5.2 Student Progression

5.2.1 Details of campus placement during the year

On Campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Directi	284	7	CADENCE DESIGN SYSTEMS	8	2

Amazon	331	15			
Sprinklr India Pvt LTD.	224	19			
Microsoft India Pvt Ltd	74	8			
Qualcomm	64	4			
Amazon Cloud	172	3			
ZS Associates	11	1			
Morgan Stanley	191	10			
Endurance International Group	274	1			
Logistixian Technologies	112	5			
Postman (Postdot Technologies Pvt Ltd)	154	1			
HSBC	71	7			
Mettl	10	1			
Zapr Media labs	124	2			
UpGrad Education Private Limited	8	1			
Juniper Networks pvt ltd	92	7			
GE Digital	113	5			
SAP Labs	86	4			
Service Lee Technologies Private Limited	124	7			
Verse Innovation Pvt ltd	237	9			
Innovacer Analytics Pvt ltd	72	1			
Futures First	79	3			
Factset	144	9			
Ola(ANI Technologies)	26	1			

Oracle India Private Limited	99	9			
Kivi Technologies	110	3			
Byju's	9	2			
Samsung R & D Pvt Ltd	20	5			
Searce Logistics Pvt Ltd	154	7			
Delhivery Private Limited	78	3			
Infosys	112	10			
IntelliMind LLC	64	1			
Educational Initiatives	164	1			
Infocusp	106	3			
Intello Labs Pvt Ltd	113	6			
Vehant Technologies Pvt Ltd	116	2			
MAQ Software Pvt Ltd	130	1			
Kuliza Technologies Private Limited	141	9			
ADSOM GLOBALTECH PVT. LTD.	17	3			
VISA	30	1			
Saba Software	92	7			
HERE Solutions	44	2			
Deloitte	174	14			
Capillary Technologies	55	1			
Evolutionary Systems Pvt. Ltd.	136	3			
COVIAM Technology & Services Pvt Ltd	133	6			
rtCamp		5			
Fractal Analytics Pvt. Ltd.	57	1			
Halftick Info Services	57	1			
Next Education India Pvt. Ltd.	49	1			

Dolcera	31	3			
Sophos	77	5			
Apttus Software	76	10			
Hansa Cequity	36	10			
Multi Commodity Exchange of India Ltd.	88	2			
Evive Software Analytics	33	2			
Open Silicon Reseach Pvt ltd		3			
LTI - L & T Group	18	4			
NAGARRO SOFTWARE	80	5			
UX Reactor	5	1			
ezDI	65	5			
Bit Mapper Integration Technologies Pvt. Ltd.		2			
Wishbook Infoservices	10	1			
PlexusMD	146	4			
RapidOps Solutions Pvt. Ltd.	19	4			
Sankalp Semiconductors Pvt LTD	4	1			
Infosys	112	18			
Gateway TechnoLabs	18	5			
DSC	3	1			
Ekutir	56	2			
OPSHUB	30	3			

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2018	23	BTech in ICT or BTech in ICT (CS)		List attached below (however this is not	

				exhaustive list)	
The below list is indicative					
Year	Name of students enrolling into higher education	Programme graduated from	Name of institution joined	Name of Programme admitted to	
2017-18	Urmil Kadakia	ICT with CS	Stony Brook University, New York	MS in Computer Science	
2017-18	Rushikesh Nalla	ICT with CS	Stony Brook University, New York	MS in Computer Science	
2017-18	Purvik Shah	ICT with CS	Stony Brook University, New York	MS in Computer Science	
2017-18	Keval Shah	ICT with CS	University of Colorado, Colorado	MS in Computer Science	
2017-18	Kenil Shah	ICT with CS	Texas A&M University, Texas	MS in Management information system	
2017-18	Anishi Mehta	ICT with CS	Georgia Tech, Atlanta, Georgia	MS in Computer Science (ML Specialization)	
2017-18	Alisha Dalal	ICT with CS	University of California, Los Angelies	MS in Computer science	
2017-18	Aditya Joglekar	ICT with CS	University of California, Los Angelies	MS in Computer science	
2017-18	Omkar Damle	ICT with CS	New York University Courant Institute, New York	MS in Computer science	
2017-18	Smriti Sharma	ICT with CS	Camegie Mellon University, Pittsburgh, Pennsylvania	MS in Public Policy Management Data Analysis	
2017-18	Aditya Vyas	ICT with CS	Rutgers University New Brunswick, New Jersey	MS in Data science	
2017-18	Saumya Jariwala	ICT with CS	New York University Courant Institute, New York	MS in Computer science	
2017-18	Vaibhav Patel	ICT with CS	University of Arizona, Tucson	Ph.D. in Computer vision	

2017-18	Samarth Parikh	ICT	Northeastern University, Boston, Massachusetts	MS in Computer science
2017-18	Viral Pandey	ICT	Northeastern University, Boston, Massachusetts	MS in Data science
2017-18	Nandini Nerurkar	ICT	Camegie Mellon University, Pittsburgh, Pennsylvania	MS in Information system Management
2017-18	Khushboo Chandwani	ICT	Northeastern University, Boston, Massachusetts	MS in Computer science
2017-18	Jay Shah	ICT	Arizona State University, Tampe, Arizona	MS in Computer science
2017-18	Kamlesh Rathinam	ICT	University of Massachusetts, Lowell, Massachusetts	MS in Computer Engineering with Concentration in Machine & Artificial Intelligence
2017-18	Malvika Singh	ICT with CS	Camegie Mellon University, Pittsburgh, Pennsylvania	MS in Public Policy Management Data Analytics
2017-18	Joshi Toral Jayantikumar	ICT	New Jersey University of Technology, New Jersey	MS in Business & Information System
2017-18	Suthar Kunal Vinaykumar	ICT	Arizona State University, Tampe, Arizona	MS in Computer science
2017-18	Ashutosh Adhikari	ICT with CS	University of Waterloo, Ontario, Canada	Master of Mathematics (Computer Science) (Thesis)

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	We are not collecting this data.	
SET		
SLET		
GATE		
GMAT		
CAT		
GRE		
TOFEL		
Civil Services		
State Government Services		
Any Other		

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Participants
Concours (Annual Sports Festival)	National	~15 Institutes
iFest (Annual Technical Festival)	National	~4000
Synapse (Annual Cultural Festival)	National	~40000
All Cultural Festivals	Institutional	All Students
Raaga (Music Competition)	Institutional	All Students
Dance Competition	Institutional	All Students
Fashion Night	Institutional	All Students
Drama Night	Institutional	All Students

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
Data for 2017-18 available on SBG Website						

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

DA-IICT has a Student Body Government (SBG) which comprises of 122 members acting as representatives to 8 committees: *Academic Committee, Cultural Committee, Hostel Management Committee, Sports Committee, Annual Festival Committee, Cafeteria Management Committee, ICT Committee and Student Placement Cell*. These members are elected through Parliamentary elections conducted by the Election Commission, DA-IICT. The members of SBG (8 committees), among them, elect Convener, Deputy Convener, Treasurer and Secretary of the SBG, known as the SBG Core Team. Apart from these committee members, there are nearly 20 hobby-driven clubs who conduct various activities for the students as a part of the SBG calendar. 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. SBG General Meetings are conducted regularly to discuss the happenings within campus and what work needs

to be done by the SBG. This ensures smooth functioning of the SBG.
5.3 Alumni Engagement
5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):
Yes
Institute has registered Alumni Association. Its name 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. In subsequent years it will be constituted based on its Bylaws. DA-IICT has provided an office space and a telephone for the AA to function from the campus. The Alumni Association, with a membership of over 4700, 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. A group of alumni representing 2003, 2009, 2011 and 2014 batches interacted with the 2018 batch of BTech students during their orientation. Similarly, another group belonging to MTech, MSc(IT), MDes and PhD graduates interacted with the 2018 batch of PG students at their orientation on 23rd July 2018. A special alumni meet was organized on campus before the Convocation on 20th January 2018 and this meeting facilitated the alumni to interact with the graduating class.
5.3.2 No. of registered Alumni:
Over 4000
5.3.3 Alumni contribution during the year (in Rupees) :
NIL
5.3.4 Meetings/activities organized by Alumni Association :
The first Alumni Meet after formation of the AA was organized on 19 Jan 2018. Around 60 alumni besides the batch which was there to attend the convocation attended this meet.
CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT
6.1 Institutional Vision and Leadership
6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)
In August 2017, the University Grants Commission (UGC) vide UGC (Institutions of Eminence Deemed to be Universities) Regulations, 2017 has issued policy guidelines and regulations for institutions seeking to evolve into world class teaching and research institutions called 'Institutions of Eminence (IoE). DA-IICT aspires to become an Institution of Eminence and it has been observed that the present strategic plan and its implementation process have certain deficiencies for the Institute to achieve this target. Therefore, it has been decided to review the existing strategic plan and lay down tangible actions. Normally, the

formulation and/or review of strategic vision plans are carried out by the Committee of Board of Governors and such Committees thus are accountable to the Board. The Institute has consciously taken a decision to depart from this practice and instituted a Committee of internal faculty members with the Convener-ship of Prof Anish Mathuria having the mandate to involve all stake holders, i.e., faculty, staff, students and alumni in the review and preparation of s new strategic vision plan. The Committee was constituted by notification dated 13th January, 2018 and the work of the Committee is in progress.

6.1.2 Does the institution have a Management Information System (MIS)?

Yes/No/Partial:

Yes

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

▪ Curriculum Development

The curriculums of the teaching programs are reviewed and updated once in 3-5 years with participation of external experts and industry representatives. The B.Tech. (ICT) curriculum, reviewed and restructured by a Committee under the Convenorship of Prof Maniklal Das, was in the second year of implementation during the reporting year. The curriculums of M.Tech. (ICT) and M.Sc. (IT) Programs were also reviewed and restructured taking into consideration industry needs and emerging technologies. The restructured Programs have been implemented from the academic year 2017-18. It was also planned to review the M. Des. (Communication Design) Program.

▪ Teaching and Learning

We have an online course feedback system through which we take feedback of each course at the end of the semester. This feedback is shared with respective course instructors. The course instructors are supposed to take those points into consideration while delivering next time the same course.

As far as possible we do not give any instructor to teach a core course for more than three consecutive years. It automatically takes care of giving the instructor sufficient time and opportunity to improve his/her course delivery, if at all required.

A faculty is also encouraged to offer at least one elective course which belongs to his/her own research interest area. It takes care of the research growth of the instructor.

▪ Examination and Evaluation

We have developed two systems to administer examinations efficiently -- Question Paper Uploading System (QPUS) and Examination Schedule Generator (ESG) System. QPUS, developed by the Institute for faculty to upload question papers has an auto-email notification feature which sends two-way communication on the actions taken on them. ESG is an automated system which helps error free preparation of examination schedule, rational utilization of examination rooms and effective invigilation.

❖ Research and Development

The institute provides financial support to each faculty and his/her research students (PG/UG) to attend conference (national or international). There is a cap of this support for a time bracket of 3 years, but so far it has been found sufficient.

Many research labs are established to take care of research interest of faculty. Submitting R&D project proposals and getting them sanctioned has been highly encouraged. Foreign collaboration projects are also highly promoted.

▪ **Library, ICT and Physical Infrastructure / Instrumentation**

Resource Centre (Library), implemented several quality measures and notable among them were VIVOWEB to create visibility of Institute's publications, subjects/research guides to connect resources subject-wise, Virtual Reference Shelf to provide ready reference to the users, enhanced AV collection by adding Udemy courses, conducting regular Author workshops for improving writing skills of the users and collaborating with INFLIBNET and NDLI to share this institutional knowledge with the global research community. The strengthening of ICT infrastructure supportive to teaching and research has always been a priority for the Institute and during 2017-18 the Institute acquired additional ICT resources worth over Rs.275.00 lakh. As regards physical infrastructure, 3 Lecture Theaters were renovated, set up a new engineering design laboratory, created additional 140 sq. ft. of space for start-ups, and renovated all washrooms in hostels incurring an expenditure of over Rs.650.00 lakh. The plan for a new hostel to house 240 students at an estimated cost of Rs.1050.00 lakh was also finalized.

▪ **Human Resource Management**

The quality improvement strategies adopted in human resources management are wide-ranging. A unique one is involving faculty and staff in managing the affairs of the Institute by appointing them as coordinators and/or members of internal Committees which gives them a sense of ownership and commitment to the Institute. Two of the faculty members serve as members of the Governing Body of the Institute participate in decision making. Some of the HR practices that have been augmented are professional and career development policies for faculty and staff, career planning, performance appraisal, knowledge sharing, performance guidance, sponsorship for conferences and training, funding for seed research and publications, reward and recognition. The HR practices and its impact on quality improvements are assessed through faculty and staff meetings and an online feedback collected from the students.

▪ **Industry Interaction / Collaboration**

The Institute interacts with 70-80 Companies for placement of students and to draw expert and faculty resources. During the reporting period, the companies the faculty members have interacted for either research or consultancy are (n)Code Solutions, Gandhinagar, for consultancy, research and training, Macak Technologies LLP, Ahmedabad to set up a Research Lab at the Institute and institute Doctoral Fellowships, Gujarat Informatics Limited for supporting start-ups initiated by the Institute, Samyuk Instrumentation Private Limited, Ahmedabad for using technology developed by Prof Biswajit Misra and IBM India for the Institute to collaborate and launch an MTech/MS Program in Data Analytics.

▪ **Admission of Students**

UG/PG admissions are done and managed by an institutional committee annually. PhD admission is done twice a year. Our admission process is quite transparent. Everything is kept online including fee payment. Most of the admission processes are complying with the state government's rules and guidelines.

6.2.2 : Implementation of e-governance in areas of operations:

- **Planning and Development**

The Institute has placed greater emphasis on use of information technology in its operations and management. The e-campus is the primary e-governance system successfully used for the last fifteen years. The e-campus has the following modules:

Student Admission	Student Registration	Student Evaluation	Office Administration	Others
Application Process	Program Structure	List of Courses	Human Resources	Inventory
Applicants' Profile	Registration Process	Grade Submission	General Administration	ICT Inventory
Counselling	Approvals	Grade Modification	Salary	Campus Information
Students Profile	Semester Fees	Calculation of SPI/CPI	IT Resources	Hostel Management
Admission Fee	Reports	Approvals	Reports	Reports
Reports		Reports		

- **Administration**

A new employee management system with features such as employee data, attendance integration and management, tax management, benefits management, asset tracking with the provision for self-service for employees was implemented. A new Identity Card (ID Card) System for faculty, staff and students have been developed and integrated to the e-campus system. The applicant for ID Card can enter the personal data in a designated platform and the applicant as well as the administrator can access the data, complete the process and print the ID Card and provide the card to the applicant within few hours.

- **Finance and Accounts**

The Institute has a separate financial and accounting management system which integrates all financial transactions with its stake holders, i.e., employees, students, project investigators, researchers, suppliers and contactors. The budget utilization monitoring system introduced in 2017-18 enable the administrators to obtain up-to-date financial status of the Institute and project investigators the status on their sponsored research projects.

- **Student Admission and Support**

The Institute is using an online computerized admission system designed and developed by one of its students. The system handles online submission of application form, payment of application fee, fee accounting, counselling and final admission. An online course feedback system has been implemented in 2017-18 for the students to provide their feedback on courses. A system called student service request system is now being developed for students and graduates of the Institute to request for various services from the Institute such as grade sheets, certificates and other documents and the system will have features for applicants to pay fee for services online, notification on

dispatch of documents, their tracking and confirm document receipts.

▪ Examination

The two e-governance systems are Question Paper Upload System (QPUS) and Examination Schedule Generator (ESG). QPUS is a locally configured system which allows faculty to upload the question papers pertaining to their courses. The system has auto-email notification features which sends two-way communication to faculty and Controller of Examinations on actions taken on the question papers. The QPUS permit the faculty to upload multiple question papers up to 10 files of 20 Mbs each. The QPUS auto-generates the depository of all the question papers uploaded. The Examination Schedule Generator (ESG) has replaced the previous method of preparation of examination schedules manually. ESG enables quick preparation and modification of schedules, utilization of examination venues rationally, avoidance of overlapping of examinations and assigning invigilators in an orderly manner.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	Aditya Tatu	MMSP 2017 GLOBALSIP 2017 in Nov-17 19th IEEE Workshop on Multimedia, Canada		88500
2017	Laxminarayana Pillutla	PIMRC 2017 Conference, Indore		28841
		Conference on Wireless Networks, Singapore		28850
2018	Hemant Patil	SPCOM 2018 at Iisc,Banagalore		5835
2018		ICASSP 2018,Canada		43000
2017		PreMI 2017,Kolkata		14944
2017		EUSIPCO 2017, Istanbul		82945
2018		BCL Workshop 2018 IISC, Bangalore		7259
2017		GCCS 2017, New Delhi		9725
2018	MV Joshi	COMSNETS 2018, Bangalore		33026
2017	Amit Bhatt	Cadence Seminar,Bangalore		19340
2017	Bhaskar Chaudhury	HiPC Conference, Jaipur		1661
2017	Biswajit Mishra	IEEE-RISE 2017, Bhopal		23696
2017		VLSID Conference 2018		10800
2018		IEEE VDAD 2018, Madurai		24204

2017	Anish Mathuria	SIN'17 10th ACM International Conference		8000
2017		ICISS 17 International Conference		12250
2017		Space 2017		2400
2018	Sanjeev Gupta	IMARC 2017, Delhi		18531
2017	Saurabh Tiwari	IEEE RE 2017, Portugal		54580
2017	Shweta Garg	Conference on Women and Sectarian Violence, Central University of Gujarat, Gandhinagar		4000
2018	Manish Khare	10th ACIIDS, Vietnam		113610
2018	Madhumita Mazumdar	INTNIL Conference University International Conference, Panang-Malaysia		64911
2018	Vishvajit Pandya	INTNIL Conference University International Conference, Panang-Malaysia		64911
2018	Manish Narwaria	ACM CoDS , Goa		22342
2017	Manish Kumar Gupta	ISIT 2018 Delhi and USA		104318
2018		DNA Z4 + wZ4 2018 IEEE, Colorado, USA		101534
2017	Manoj Kumar Raut	ISDA 2017, Delhi		27600
2017	Manik Lal Das	Membership of IEEE Society	IEEE	6774
2018	Kamal Captain	COMSNETS 2018,Bangalore		8223
2017	Nachiket Trivedi	Conference Blockchain Technology, Mumbai		17100
2018		Workshop Blockchain Technology, Combatore.		6300
2017	Prasenjit Majumder	International Retrieval Conference ISI, Kolkata		11756
2017		FIRE 2017, Bangalore		13782
2018		Hildesheim, Germany University Staff Mobility Programme, Germany		26829
2017	S K Mitra	PReMI 2017, Kolkata		25823
2017	Sourish	Invited talk series at the		

	Dasgupta	university of Missouri, Kansa City, USA		174362
2017	Yash Vasavada	ICACCI Conference Manipal		20897
2017		ICACCI Conference Bhubneshwar		21991
2017		ICACCI Conference, IMaRC Conference, Bhubaneshwar		9000
2018		OFDM SIMO SPCOM 2018 at IISc, Bangalore		16729
2017	Harshul Vaishnav	SPACE 2017 Conference paper presentation, Madgaon		9614
2018	Hardik Gajera	Workshop on Blockchain, Coimbatore		8370
		Workshop at LIMOS French CNRS LAB, France		105383
2017	Ankur Pokhara	IEEE Conference, Kolkata		21823
2017	Ashutosh Adhikari	Conference on Neural Networks, Alaska, USA		30000
2017	Ronak Odhavia	10th ACM International Conference SIN '17, Jaipur		4440
2017	Sujata Chandraprakash	ICAPR Conference 2017, Bangalore		20000
2017	Mohmad Shaikh	SPCOM 2017, IISc, Bangalore		19722
2017	Pradip Tilala	TENCON Conference, Malaysia		22750
2017	Pankaj Chaudhary	IEEE Iaim-2017, Bangalore		16112
2018	Prashant Domadiya	IEEE conference on Computer Vision, Lake Tatire, USA		50000
2018	Dixita limbachiya	Conference on DNA Codes and their Application, Bangalore		7928
2018	Parth Mehta	FIRE 2017, Bangalore		8520
2018	Rahul Vasisth	IMaRC, Ahmedabad		1500
2017	Milind Shah	IMARC 2017, Ahmedabad		6000
2017	Nisith Kotak	TENCON 2017, Malaysia		22750
2017	Vineet Lad	IMARC 2017, Ahmedabad		6000
2018	Nilesh Vaishnav	SPCOM 2018, Bangalore		11000
2018	Jainisha Sankhvara	Australia ACL 2018, Australia		119334
		FIRE 2017, Bangalore		10341

6.3.2 Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
Nil		Nil	Nil	Nil	Nil

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
NIL		

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Contract	Permanent	Contract
2	0	2	10

Sr. No.	Name	Designation	Date of Joining	Status
1	Dr. Pankaj Kumar	Associate Professor	13 July 2018	Regular
2	Dr. Bakul Gohel	Assistant Professor	18 July 2018	Regular

The staff recruitments are done following the procedures of advertisement in newspapers/web site of the Institute followed by skill tests and personal interview with an expert committee. The Junior Research Fellows are recruited for a fixed term to work for sponsored projects. They are included in the staff category.

The research and administrative staff members recruited during 2017-18 is as follows:

Sr.	Name	Designation	Date of Joining	Status
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No.				
1	Rahul Vashisth	Junior Research Fellow	01 August 2017	Contract
2	Julfikar Ahmed	Library Trainee	01 August 2017	Contract
3	Vishal Puri Goswami	Library Trainee	01 August 2017	Contract
4	Abid Fakhre	Library Trainee	08 August 2017	Contract
5	Viral Dave	Junior Research Fellow	05 September 2017	Contract
6	Dharmik Mehta	Laboratory Assistant	08 January 2018	Regular
7	Tanvi Rangwala	Consultant, Student start-ups	15 January 2018	Contract
8	Swati Priya	Junior Research Fellow	01 February 2018	Contract
9	Nitin Gamit	Library Trainee	12 March 2018	Contract
10	Megha Pandya	Junior Research Fellow	02 April 2018	Contract
11	Surupendu	Junior Research Fellow	01 June 2018	Contract
12	Sneha Thakker	Manager, Placement	25 June 2018	Regular

6.3.5 Welfare schemes for

Teaching	Free medical consultation and medicine from campus medical centre; discounted hospitalization and medical support from a multi-speciality hospital in Gandhinagar; group medical insurance with annual coverage of Rs.5.00 lakh; accident insurance coverage; subsidised canteen; interest free loan and leave encashment on resignation/retirement.
Non teaching	Free medical consultation and medicine from campus medical centre; discounted hospitalization and medical support from a multi-speciality hospital in Gandhinagar; group medical insurance with annual coverage of Rs.5.00 lakh; accident insurance coverage; subsidised canteen; interest free loan and leave encashment on resignation/retirement.
Students	Institutional arrangements to secure financial support and scholarships; free medical consultation and medicine from campus medical centre; group medical insurance annual coverage of Rs.1.000 lakh; accident insurance coverage of Rs.00.50 lakh; discounted hospitalization and medical support from a multi-speciality hospital in Gandhinagar and subsidised canteen.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly (within 100 words each)

The Finance Committee, constituted under the provisions of clause 16 of the Dhirubhai Ambani Institute of Information and Communication Technology Act, 2003 at its meeting held on 21st March, 2017 appointed separate auditors for internal audit and statutory audit for the year 2017-18. The Internal Auditors were M/s J.T. Shah & Company, Chartered Accountants, Ahmedabad, and their scope of work included conducting the quarterly internal audit of accounts and assets, rendering advice on improving the existing administrative and financial systems and procedures and carrying out the system audit. They also handled tax assessments and filing of tax returns.

M/s Pathak H.D. Associates, Chartered Accountants, Mumbai were the Statutory Auditors and they carried out the statutory audit of the accounts for the year 2017-18.

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
Nil	Nil	Nil

6.4.2 Total corpus fund generated Nil

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		No	
Administrative	Yes	M/s JT Shah & Company, Chartered Accountants, Ahmedabad		

6.5.2 Activities and support from the Parent – Teacher Association (at least three)

Nothing to report as of now.

6.5.3 Development programmes for support staff (at least three)

1. Encouraging support staff to pursue higher studies by (a) interest free loan for payment of fees; (b) rescheduling official timings to attend classes.
2. Sponsorship to participate at training programs relevant to the post the support staff is holding.
3. Permission to participate at conferences, seminars, workshops and training programs conducted by the Institute.

6.5.4 Post Accreditation initiative(s) (mention at least three)

The Institute encourages and supports the administrative staff to pursue higher studies in their areas of work as well as sponsor them for higher degree/certificate studies, short term training programs, conferences, seminars and workshops. They are also permitted to participate at these events conducted at the Institute.

During the reporting period, the following staff members pursued/nominated for the higher Degree/Certificate courses

1. Mr Shashikumara AA - Permission was granted to pursue Doctoral Studies in Library Science at the Central University, Gandhinagar. Also rescheduled his office timings to attend classes and granted permission to use support facilities to carry out research for his doctoral thesis.
2. Mr Rajesh Patel, Estate Engineer, Mr Kirit Pandya, Assistant Administrative Officer and Mr Jitendra

Parmar, Senior Hostel Supervisor – sponsored to participate at the Certificate course on Role of Volunteers and Youth in Disaster Management at Gujarat Institute of Disaster Management, Gandhinagar.				
6.5.5				
a. Submission of Data for AISHE portal : Yes				
b. Participation in NIRF : Yes Rank 70				
c. ISO Certification : No				
d. NBA or any other quality audit : No				
6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
Nothing to report as of now.				

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period (from-to)	Participants	
		Female	Male
Gender Sensitization	Aug-18	Btech 1st Year (2018 Batch)	Btech 1st Year (2018 Batch)

Theatre performances for students done by students on Gender issues annually under the guidance and supervision of faculty.

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

- Lights on the pathways are timer operated, these turn on as per the set time. This setting of time is season specific.
- We have water recycle plant on the campus. We use this water for gardening.

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	No	
Provision for lift	No	
Ramp/ Rails	Yes	Everyone
Braille Software/facilities	No	

Rest Rooms	Yes	Everyone
Scribes for examination	Yes	Anybody who needs
Special skill development for differently abled students	Yes	Same for all
Any other similar facility	No	

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
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1. Blood donation camps at least twice a year
2. Old and warm clothes collection and distribution for the daily wages persons working for the campus – once in a year
3. Lunch for the daily wages person working for the campus – twice a year (before Holi and Diwali)

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Not available		

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants
Gender Sensitization Session	During Orientation of new batches	All freshers
Street Plays with a motive	Throughout the year	~20 in each play

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Mass Cleanliness Drive in the hostels where all residents clean their rooms together.
2. Students are not allowed to have cars on campus. Only one two-wheeler is allowed per student.
3. Tree plantation organized within campus by the students.
4. Drained water from hostels, etc. is treated and used in sprinklers at various places on campus.
5. Cleanliness Drives outside the campus, where the students gather and clean their surroundings.
6. Reducing the use of plastic in the cafeteria by increasing the use of glass bottles and paper glasses for tea.

7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

1. BTech students have to do a mandatory 1-month Rural Internship as a part of their curriculum, which exposes them to the needs of the society and they realize how they can apply their learning to help the society.
2. All the solid waste generated on campus is recycled at a vermicom post plant inside the campus.

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust

Provide the weblink of the institution in not more than 500 words

Harmony and creativity

8. Future Plans of action for next academic year (500 words)

The delay in collating data and publishing in the IQAR would be shortened next time. This year's delay was attributed to bring all process-owners on same wavelength and to make them understand which data are important and how to track them. This took a lot of time and discussion. Now we think that the process of collection of data for this report generation is understood in a better way and we would face little difficulty in publishing the next report.

We also observed that the data collection cycle for the Annual Report of the Institute is 1 Aug to 31 July, whereas the cycle that we decided for IQAR was 1 July to 30 June. To make it operationally consistent, we will align IQAR cycle also with that of Annual Report, i.e., the next IQAR will cover the period of 1 July 2018 to 31 July 2019. And then onward IQARs will also be based on the performance/data of the period 1 Aug to 31 July.



Name Dr. Anil K. Roy

Name Prof. K.S. Dasgupta

Signature of the Coordinator, IQAC



Signature of the Chairperson, IQAC

Dr. K S Dasgupta
Director
DA-ICT, Gandhinagar.

Annexure I

Abbreviations:

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence

For Communication with NAAC

The Director

National Assessment and Accreditation Council (NAAC)

(An Autonomous Institution of the University Grants Commission)

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