

DA-IICT

ADDENDUM NAAC SELF STUDY & EVALUATIVE REPORTS

MARCH 2017



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Acronyms	
AC	Academic Council
ACM	Association for Computing Machinery
AMCAT	Aspiring Minds Computer Adaptive Test
AP	Academic Programs
ARD	Agriculture and Rural Development
B&G	Boys and Girls
BITS	Birla Institute of Technology and Science
BOG	Board of Governors
BOS	Board of Studies
BTech	Bachelor of Technology
BTP	BTech Project
CAT	Common Admission Test
CBCS	Choice Based Credit System
CBSE	Central Board of Secondary Education
CD	Communication Design
CEED	Common Entrance Examination for Design
CEP	Continuing Education Programme
CMC	Cafeteria Management Committee
CPI	Cumulative Performance Index
CRMS	Campus Resource Management System
CSIR	Council of Scientific and Industrial Research
CSO	Civil Society Organizations
CSR	Corporate Social Responsibility
CTI	Cost to Institute
CUDA	Computer Unified Device Architecture
DAC	Disciplinary Action Committee
DCEI	DA-IICT Centre for Entrepreneurship and Incubation
Dean (AP)	Dean (Academic Programs)
DLUG	DA-IICT Linux Users Group
DO	Dissolved Oxygen
DSRS	Digital Depository of Scholarly Resources
DST	Department of Science and Technology
DTG	DAIICT Theatre Group
EHC	Electronics Hobby Club/Centre
ERP	Enterprise Resource Planning
FC	Finance Committee
FIRE	Forum for Information Retrieval Evaluation
FN	Foreign Nationals
GATE	Graduate Admission Test in Engineering
GERMI	Gujarat Energy Resource Management Institute
GIS	Geographic Information System
GMAT	Graduate Management Admission Test

GPS	Global Positioning System
GPU	Graphics Processing Units
GRC	Greivance Redressal Committee
GRE	Graduate Record Examination
GSFC	Gujarat Energy Research and Management Institute
HIV	Human Immunodeficiency Virus
HMC	Hostel Management Committee
HoR	Hall of Residence
HP	Hewlett Packard
HPC	High Performance Computing
HR	Human Resources
ICCR	Indian Council for Cultural Relations
ICISS	International Conference on Information Systems Security
ICPC	International Collegiate Programming Contest
ICT	Information Communication Technology
ICT-ARD	Information & Communication Technology in Agriculture & Rural Development
IEEE	Institution of Electrical and Electronics Engineers
IET	Institution of Engineering & Technology
IGAC	Internal Quality Assurance Committee
IIM	Indian Institute of Management
IISc	Indian Institute of Science
IIT	Indian Institute of Technology
IIT GN	Indian Institute of Technology, Gandhinagar
IITD	Indian Institute of Technology, Delhi
IITK	Indian Institute of Technology, Kanpur
INS-Valsura	Indian Naval Ship Valsura
IoT	Internet of Things
IQAC	Internal Quality Assurance Cell
ISA	International Student Advisor
ISC	International Students Cell
ISEP	Institut Supérieur D'électronique de Paris
ISRO	Indian Space Research Organisation
IT	Information Technology
JEE	Joint Entrance Examination
KVPY	<i>Kishore Vaigyanik Protsahan Yojana</i>
LAN	Local Area Network
LDPE	Low Density Polyethylene
LNMIT	LNM Institute of Information Technology
MDes	Master of Design
MDes(CD)	<i>Master of Design in Communication Design</i>
MHRD	Ministry of Human Resouce Development
MOOC	Massive Open Online Courses

MOU	<i>Memorandum of Understanding</i>
MSc	Master of Science
MTech	Master of Technology
NCR	National Capital Region
NDVI	Normalised Difference Vegetation Index
NIF	National Innovation Foundation
NIFT	National Institute of Fashion Technology
NKN	National Knowledge Network
NMEICT	National Mission on Education through ICT
N-PPP	Not-for-profit Public Private Partnership
NPTEL	National Programme on Technology and Enhanced Learning
NR	Non Resident
NRI	<i>Non-Resident Indian</i>
OBC	Other Backward Category
OPACS	Online Public Access Catalogue
OS	Operating System
PDPU	Pandit Deen Dayal Petroleum University
PEO	Programme Educational Objectives
PEO	Program Educational Objective
PG	Post Graduate
PGC	Post Graduate Committee
PhD	Doctor of Philosophy
PO	Program Outcome
R&D	Research and Development
RA	Research Assistant
RC	Resource Centre
R-Com	Reliance Communications
RF	Radio Frequency
RFID	Radio Frequency Identification
RKSS-VTH	Ramakrishna Seva Sadan - Vivekananda Tribal Hospital
RO	Reverse Osmosis
RPC	Research Progress Committee
SAC	Student Activity Centre
SAT	Scholastic Aptitude Test
SBG	Student Body Government
SC	Scheduled Caste
SEGS	Students Evaluation and Grading System
SGVP	Shree Swaminarayan Gurukul Vishwavidya Pratishthanam
SMS	Short Messenger Service
SPC	Students' Placement Cell
SPI	Semester Performance Index
SSH	Secure Shell
ST	Schedule Tribe

STP	Sewage Treatment Plant
SVIT	SardarVallabhbhai Institute of Technology
TA	Teaching Assistant
TCS	Tata Consultancy Services
TENSYMP	IEEE Region 10 Symposium
TGMC	The Great Mind Challenge
TIFR	Tata Institute of Fundamental Research
TLE	Teaching-Learning-Evaluation
TOEFL	Test of English as a Foreign Language
UG	Under Graduate
UGC	Under Graduate Committee / University Grants Commission
VI	Visually Impaired
VLSI	<i>Very Large Scale Integration</i>
VPN	Virtual Private Network
WiSSAP	Winter School on Speech and Audio Processing
YES	Youth Empowerment and Skills



Dhirubhai Ambani
Institute of Information and Communication Technology

SECTION B
PREPARATION OF SELF-STUDY REPORT

Profile of the University

1. Name and Address of the University:

Name:	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)	
Address:	Near Indroda Circle, Gandhinagar	
City:	Pin: 382007	State: Gujarat
Website: www.daiict.ac.in		

2. For Communication

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	Dr. Nagaraj R.	079-30510572	9328120826	30520010	director@daiict.ac.in
Registrar	Shri Soman Nair	079-30510586	9327043613	30520010	registrar@daiict.ac.in
Steering Committee / IQAC Co-ordinator	Dr. Suman Mitra	079-30510648	9327043619	30520010	dean_ap@daiict.ac.in

3. Status of the University : **State Private University**
Any other (please specify)

4. Type of University : **Unitary**

5. Source of funding : **Self-financing**
Any other (please specify)

6. a. Date of establishment of the university : **06/08/2001**

b. Prior to the establishment of the university, was it a/an

DA-IICT has been a University since its inception.



7. Date of recognition as a university by UGC or any other national agency:

	Under Section	Day	Month	Year	Remarks
i.	2 f of UGC	30	11	2004	Appendix – 1
ii.	12 B of UGC	Under Process			Appendix - 2
iii.	3 of UGC	NA			
iv.	Any other (AIU)	14	11	2009	Appendix - 3

8. Has the university been recognized

a. By UGC as a University with Potential for Excellence?

Yes No

b. For its performance by any other governmental agency?

Yes No

9. Does the university have off-campus centres?

Yes No

10. Does the university have off-shore campuses?

Yes No

11. Location of the campus and area:

Area	Location	Campus area in acres	Built up area in sq. mts
Main campus area	Urban	50	60,000
Other campuses in the country	Not Applicable		
Campuses abroad	Not Applicable		

12. Provide information on the following: In case of multi-campus University, please provide campus-wise information.

- Auditorium/seminar complex with infrastructural facilities : Yes
- Sports facilities * playground : Yes (Cricket, Foot Ball, Volley Ball, Basket Ball, Indoor Badminton courts)
- *swimming pool * gymnasium : Gymnasium
- *Any other (please specify) : Cafeteria, Food Courts, RO



Plant, Solar heating, General Stores, Health Centre, Wi-Fi internet, Bank ATM, Book Stall

- Hostel

- *Boys' hostel

- i. Number of hostels : **9 Blocks (including Club House)**
 - ii. Number of inmates : **930**
 - iii. Facilities : **Wi-Fi and wired internet connection, Toilets and bathrooms with hot water facility, General Stores, Health Centre, Bank ATM, Book Stall, Gymnasium**

- *Girls' hostel

- i. Number of hostels : **2 Blocks**
 - ii. Number of inmates : **337**
 - iii. Facilities : **Wi-Fi and wired internet connection, Toilets and bathrooms with hot water facility, General Stores, Health Centre, Bank ATM, Book Stall, Gymnasium**

- *Working women's hostel : **NO**

- Residential facilities for faculty and non-teaching :

- Four Faculty Blocks for important functionaries of the Institute.**

- Cafeteria : **Yes**

- Health centre : **Two Physicians visit daily in shifts. An Institute vehicle is made available to the students for any medical emergency 24 x 7. An agreement is in place for cashless hospitalization with Apollo Hospitals and Hi-Tech Hospital, Gandhinagar.**

- Facilities like banking, post office, book shops, etc. : **ATM, Book and stationery shops are available.**



- Transport facilities to cater to the needs of the students and staff :
It is a residential programme and therefore not applicable.
- Facilities for persons with disabilities: **Yes**
- Animal house : **Not applicable**
- Incinerator for laboratories : **Not applicable**
- Power house: **Yes**
- Waste management facility : **Yes**
- Crèche: **Yes**

13. Number of institutions affiliated to the university: **Not applicable**

14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University:

Not applicable

15. **Furnish the following information**

Particulars	Number	Number of Students
University Departments	01*	1174
Undergraduate		
Postgraduate	05	434

Single Department University

16. **Does the university conform to the specification of Degrees as enlisted by the UGC?**

Yes No

If the university uses any other nomenclatures, please specify.

Yes No

17. Academic programmes offered by the university departments at present, under the following categories: (Enclose the list of academic programmes offered)

Programmes	Number
UG	01
PG	04
Ph.D.	01
Total	06



18. Number of working days during the last academic year: **235**

19. Number of teaching days during the past four academic years.

2015	2016
180	182

20. Does the university have a department of Teacher Education?

Yes No

21. Does the university have a teaching department of Physical Education?

Yes No

22. In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered?

Yes No

Exempted from AICTE approval based on relevant Supreme Court judgment.

23. Has the university been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

Yes, by UGC for granting 2 f status (Appendix-1)

24. Number of positions in the University:

Positions	Teaching Faculty			Non-teaching staff	Technical staff
	Professor	Associate Professor	Assistant Professor		
Sanctioned by University	17	13	21	107	17
<i>Recruited</i>	17	13	21	107	17
<i>Yet to recruit</i>	0				
No. of Teaching Assistants	PhD		44		
	M.Tech		115		



25. Qualifications of the teaching staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
Ph.D.	15	02	11	02	19	02	51
Teaching Assistants							
MTech(Ph.D)				44			
BTech(M.Tech)				115			

26. Emeritus, Adjunct and Visiting Professors

Category	Adjunct	Visiting
Number	02	19

27. Chairs Instituted by the University

	Chairs
School / Department	R-COM Chair in Computational Science

28. Students enrolled in the university departments during the current academic year, with the following details:

Students	UG		PG		Ph.D.	
	Male	Female	Male	Female	Male	Female
From the state where the university is located	739	145	176	99	30	22
From other states of India	190	76	59	36	10	7
NRI Students	13	8	-	-	-	-
Foreign students	1	2	-	-	-	-

29. 'Unit cost' of education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

- (a) including the salary component : **Rs. 1.71 lakhs**
 (b) excluding the salary component : **Rs. 0.94 lakhs**



30. Academic Staff College : **Not applicable**

31. Does the university offer Distance Education Programmes (DEP)?

Yes No

32. Does the university have a provision for external registration of students?

Yes No

33. Is the university applying for Accreditation or Re-Assessment?

If Accreditation, name the cycle.

Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-visit:

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Not Applicable

35. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.

Not Applicable

36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC 15/07/2015

AQAR Not Applicable

37. Any other relevant data, the university would like to include (not exceeding one page)

Eminent faculty luminaries who ascended higher offices from the Institute:

Name of the Faculty	Current Position
Prabhat Ranjan	Director, TIFAC
Anjan Ghosh	Vice Chancellor, Tripura University
Tridip Suhrud	Director, Gandhi Ashram, Ahmedabad
Ajit Maru	Sr. Officer, Global Forum of Agriculture, Rome
Ganesh Devy	Director, Bhasha Research Institute.



Executive Summary

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), is a premier private university imparting quality technical education in the ICT domain. It is the most sought after Institute for any student willing to pursue his/her education in ICT domain. During the 15+ years of its existence, the Institute has been striving hard to provide quality education at affordable cost to its aspirants. Armed with the state of the infrastructure, eminent and visionary advisory bodies, distinguished faculty, proactive management, total autonomy in governance, unique curriculum and vibrant student community, DA-IICT has carved a niche for itself in the national/international league of institutions imparting quality technical education.

The same is evident and demonstrated time and again against the various quality evaluations metrics such as:

1. Quality of Graduates
2. Research Output
3. Sponsored and Consortium Projects
4. Placement Statistics
5. Entrepreneurship Initiatives
6. Mentoring an Indian Institute of Information Technology(IIT)
7. Design and rendering of high quality teacher training initiatives
8. Organization of international seminars/workshops/summer schools/winter schools/conferences on regular basis
9. Collaborations and MoUs with National/International Organizations
10. Social Outreach
11. Environment Consciousness
12. Innovations

Ample evidence towards, DA-IICT achieving excellence in all the aforesaid parameters of evaluation is available in the public domain and also enumerated in detail in the Self Study Report (SSR).



Self evaluation and self appraisal are the most powerful tools available for any institute striving towards quality enhancement and future planning. The SSR format prepared by NAAC, in true sense, is the most comprehensive document available in public domain, which provides the framework to any educational institution to perform an internal assessment and auditing. The process for writing the SSR for DA-IICT was really an unique experience. The innumerable brain storming sessions amongst the various stakeholders demonstrated amply their passion, ownership and love towards the Institute. Inclusive participation of all the stakeholders resulted in creating an honest, genuine and introspective SSR. While performing this exercise, the core team involved in the preparation of the SSR also conducted an internal evaluation and grading of the Institute. A mock visit by inviting an external expert of eminence was also organized. The SSR was submitted to NAAC in October, 2015. The first visit was conducted during 11th April to 14th April, 2016.

In the upcoming sections we present a criterion wise addendum to the SSR submitted in October, 2015. Only incremental data since October, 2015 is added in the tabulation, while retaining the philosophy of SSR.





CRITERION I: CURRICULAR ASPECTS

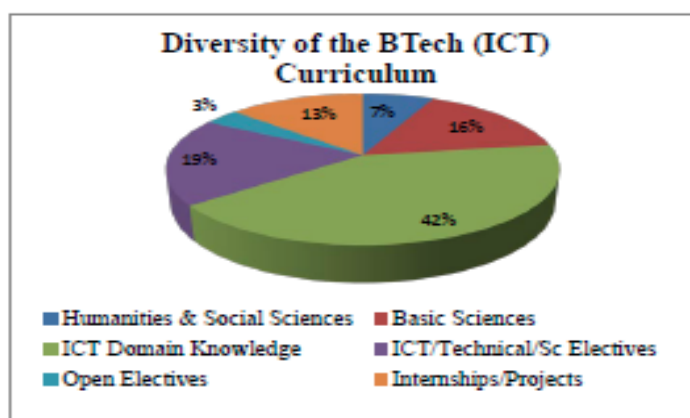
1.2.2 Give details on the following provisions with reference to academic flexibility

a. Core / Elective options

BTech(ICT) Programme

The BTech(ICT) curriculum was revised in 2015-16 and the distribution of courses in revised curriculum is as under:

Category	Credits	% of credits
Technical Core courses	71.5	40
BS and HSS Core courses	39.5	23
Total (Foundation Courses)	111	63
ICT Electives	9	5
Technical Electives	12	7
Science Electives	6	3.5
Open Electives	6	3.5
Free Electives	8	5
Total (Electives)	41	24
Internships + BTP	23	13
Total credits	175	



Graduation Requirement:

- Total Credits requirement ≥ 175
 - Course credits ≥ 152
 - Internships and BTP credits = 2
 - $CPI \geq 5.0$

MTech (ICT) Programme

The MTech(ICT) curriculum has gone through a major revision in 2016-17 and the distribution of courses in the revised curriculum is as under:

Course/Thesis/Project	Thesis Mode		Project Mode	
	No. of credits	% of credits	No. of credits	% of credits
Program Core	21	35%	21	35%
Group Core	11	18%	14	23%
Electives	6	10%	12	20%
Project work			13	22%
Thesis work	22	37%		
Total credits	60		60	

Graduation Requirement:

- Total Credits ≥ 60

Thesis Mode:

Course Credits ≥ 38

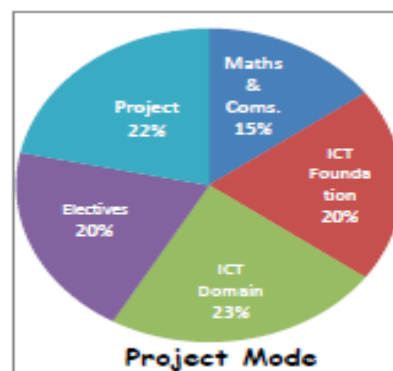
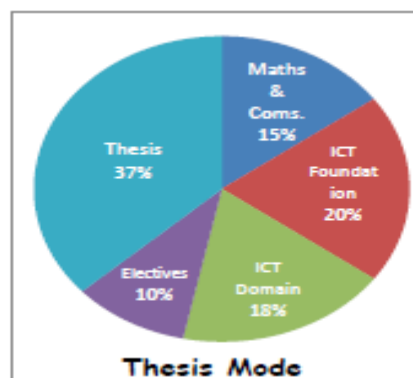
Research/Thesis Credits: 22

Project Mode:

Course Credits ≥ 47

Project Credits: 13

- $CPI \geq 6.0$



CRITERION II - TEACHING-LEARNING AND EVALUATION

2.1.6 Number of students admitted in university departments in the last four academic years:

Programs	Admitted Students			
	2015		2016	
	Male	Female	Male	Female
B Tech (ICT)	252	58	262	54
General	165	42	183	39
SC	29	5	22	7
ST	21	9	24	7
Others	37	2	33	1
MTech(ICT)	45	17	29	32
MSc (IT)	62	32	82	38
MSc (ICT-RD)	7	3	4	2
MDes(CD)	3	6	6	7
PhD	7	6	9	9

* For UG Programme other category data for Gujarat Category students is only collected.

2.4.2 Furnish details of the faculty

As on 01 March 2017

Highest Qualification	Professors		Associate Professors		Assistant Professors		Teaching Assistants		Total	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
PhD	15	02	11	02	19	02				
MTech(PhD)							26	18	139	71
BTech(M.Tech)							68	47		



**2.4.3 Does the university encourage diversity in its faculty recruitment?
Provide the following details (department / school-wise).**

% of faculty from the same university	% of faculty from other universities within the State	% of faculty from universities outside the State	% of faculty from other countries
2%	10%	52%	36%

2.4.7 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

Sr. No.	Faculty	Recognition	Agency	Year
1	Prof. Ganesh Bagler	Best of 2015 in MIT Technology Review	MIT	2015

2.4.8 How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

Academic Staff Development Programme	Number of faculty	Number of faculty
Refresher courses	None	None
HRD programmes	50	54
Orientation programmes	40	45
Staff training conducted by the university	75	80
Staff training conducted by other university	24	25
Summer/Winter schools, workshops, etc	85	110

2.5.9 What efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations?

Mention any significant efforts which have improved the process and functioning of the examination division/section.

The Office of the Controller of Examination(CoE) has introduced **Question Paper Upload System (QPUS)** for online submission of question paper. The system is locally configured on Moodle server which allows the users (pre-defined) to upload the question papers pertaining to their courses. The QPUS system facilitates auto-email notification feature which sends two-way communication (faculty as well as CoE) on any action taken by the course instructors. The QPUS is made accessible on intranet with the restricted IP range



and based on the registered users' credentials. The QPUS permits the user for uploading multiple question papers (upto 10 files) with the capacity of 20 Mbs for each course. The QPUS also provides feature of adding comments, which allows the user to mention any special instruction related to Question Paper printing. The CoE can set the deadlines of Question Paper submission for the faculty which helps the timely submission of question papers. The QPUS also auto-generates the depository of all the question papers uploaded into the system. The system generates log of each action taken by user which can be used by the authority for audit as and when required.

2.6.3 How are the university's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?



Pass percentage:

Programme		No. of students admitted	No. of students appeared exams	No. of students passed	% of pass	No. of students awarded degree	No. of students dropped out
2015 year	BTech 2011 Batch	243	227	220	97	220	25
	MTech 2013 Batch	50	49	47	96	47	6
	MSc (IT) 2013 Batch	90	89	87	98	87	3
	MSc(ICT- ARD) 2013 Batch	10	10	10	100	10	-
	MDes 2013 Batch	7	7	7	100	7	-
	PhD	9	8	8	-	8	-
2016 year	BTech 2012 Batch	243	218	212	97	212	29
	MTech 2014 Batch	53	52	45	87	45	3
	MSc (IT) 2014 Batch	80	79	75	95	75	-
	MSc(ICT- ARD) 2014 Batch	6	5	5	100	5	1
	MDes 2014 Batch	6	6	6	100	6	-
	PhD	6	6	6	-	6	-

* No. of students appeared include previous batch students who failed in some courses.

+ No. of students passed include previous batch students who failed in some courses.



CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the university have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

A **Research Promotion Committee** has been constituted at DA-IICT. This Committee, under the convenorship of a senior faculty member, comprises of faculty members from varied research areas (like Electronics, VLSI and Embedded Systems, Communication, Computer Science, Humanities and Social Sciences). The mandate of the committee is to encourage inter-disciplinary research and strengthen the hands of faculty members with the requisite motivation. The committee also reviews, recommends and monitors the progress of the research proposals submitted by new faculty members for grant of seed money.

A Cumulative Professional Development Allowance of Rs.3,00,000/- is earmarked for every block of three years on reimbursable basis to the faculty (after confirmation of their service) for participating in both national and international conferences and workshops. An additional Rs.20,000/- towards professional pursuit to such faculty who teach a summer course, is made available to procure any additional resource to pursue their research.

3.1.4 How is interdisciplinary research promoted?

DA-IICT has signed an MoU with University of Dayton, Ohio, USA for mutual cooperation and pursuing inter-disciplinary research amongst the faculty of both the Institutes. Also, we have been awarded with a collaborative research project under the Indo French Centre for Promotion of Advanced Research (IFCPAR-CEFIPRA) under DST-INRIA-CNRS Targeted Programme. The details of the aforesaid is depicted in the table below.



Faculty	Name of collaborative Agency/ Institute	Purpose	Cost of the project/Duration of visit
Prof Suman Mitra	University of Dayton, Ohio, USA	To teach a summer course and discuss collaborative research with Prof. Vijayan Asari	June 25 – August 10, 2016
Prof. Manik Lal Das	Indo French Centre for Promotion of Advanced Research (IFCPAR-CEFIPRA) under DST-INRIA-CNRS Targeted Programme	Study of Privacy, Accountability and Ownership in IoT – a collaborative project with Prof. David Gerault, LIMOS, UMR 6158, University Clermont Auvergne France	Rs. 17.67 lakh

3.1.5 Give details of workshops/ training programmes/sensitization programmes conducted by the university to promote a research culture on campus.

No	Title	Dates	Sponsors
1	Familiarization with Visual TCAD Tool	4 February 2017	DA-IICT
2	International Symposium on Computational Biology and DNA Computing	26 November 2016	Gujarat State Biotechnology Mission (GSBTM), DST, Govt. of Gujarat and DA-IICT
3	CEP on Cyber Security, Cyber Crimes and Cyber Laws	19 June to 24 July 2016	DA-IICT
4	Summer School on Advances in Speech and Audio Processing (ASAP): from Representations and Model to Applications	19-20 July 2016	DA-IICT, Reliance Communications and International Speech Communication Association (ISCA)
5	Summer School on Speech Signal Processing (S4P) on Speech Source Modelling and its Applications	4-8 July 2016	DA-IICT, Reliance Communications, C-DAC Mumbai, TCS and International Speech



No	Title	Dates	Sponsors
			Communication Association
6	Training course on Information and Communication Technology Management for UN-FAO and MEW officials of Afghanistan	23 May to 3 June 2016	DA-IICT
7	TCS Research Workshop	12 March 2016	DA-IICT & TCS
8	Continuing Education Program on Statistical Signal Processing for professionals from Satellite Application Center (SAC), ISRO	8-12 March 2016	DA-IICT and ISRO
9	Winter School on Emerging Research Trends in Computational Intelligence – Theory and Applications	1-5 March 2016	DA-IICT and IEEE CIS, USA
10	CEP on C-Language for professionals of Satellite Application Center (SAC), ISRO	19-23 January 2016	DA-IICT and SAC-ISRO
11	CEP Workshop on Geometrical Interpretation of Mathematical Concepts	8-10 January 2016	DASS Scientific Research Lab
12	7th meeting of Forum for Information Retrieval Evaluation 2015	4-6 December, 2015	ACM, SIGIR, DietY
13	Workshop on Patent and IPR Awareness	11 July 2015	TIFAC (DST), New Delhi & DA-IICT



3.1.5 How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the university?

The Institute invites faculty from other institutions to visit as adjunct professors.

No	Adjunct Faculty/Affiliation	Period of Visit	Courses taught
1	Prof. Bala Bhaskaran, Director, Shanti Business School	Winter 2016-17	HM206: Introduction to Business and Finance
3	Prof. N Sundararajan, NTU Singapore	Winter 2016-17 Autumn 2016-17	IT481: Selected Topics in Neural Networks
4	Prof. Suresh Sundaram, NTU Singapore	Winter 2016-17 Autumn 2016-17	IT481: Selected Topics in Neural Networks
5	Prof. Khusru F. Doctor, Sybage Corporation	Winter 2016-17 Autumn 2016-17	IT655: Information System Modelling IT634: Information Systems Security
6	Dr. Nitin Upadhyay Goa Institute of Management	Winter 2016-17	IT482: Computational Data Science and Analytics
7	Mr Sekhar G and Nishant Viramgama, Scientists, TCS	Winter 2016-17	IT669: ICT Infrastructure Management
8	Prof. Vineet Virmani IIM Ahmedabad	Autumn 2016-17	CS401: Computational Finance
9	Prof. Soumitra Banerjee, President and CEO Dynamic Pharma Solutions Ltd., USA	Autumn 2016-17	HM601: Principles of Management
10	Prof. Shalini Dey National Institute of Design	Autumn 2016-17	PC724: Principles of Interaction Design
11	Dr. Praveen Gupta, Scientist, IIRS, Dehradun	Winter 2015-16	IT664: Programming using Python in GIS Environment
12	Prof. Nikhil Raval, EDII	Autumn 2015-16	HM331: Elements of Business Management
13	Prof. Sunita Jha, Gujarat University	Autumn 2015-16	SC341: Introduction to Biotechnology

In addition to the regular teaching/learning requirements, the Institute also welcomes eminent visitors from various organizations to increase awareness regarding collaboration, funding and professional development opportunities to its community and a few such visits are illustrated below:



No	Visitor and Affiliation	Date
1	Prof. Yogesh B. Gianchandani, Center Director, Center for Wireless Integrated Microsensing & Systems, University of Michigan, USA	1 February 2017
2	Prof. Sanghamitra Bandyopadhyay, Director, Indian Statistical Institute, Kolkata	21 January, 2017
3	Prof. B.V.R. Chowdari, Senior Executive Director & Professor, Nanyang Technological University, Singapore	24 August 2016
4	Dr. Sandrine Maximilien, Attache for Science and Technology, Consulate General of France	28 July 2016
5	Delegation of European Research and Innovation officials comprising of Science, Technology and Innovation Counselors, Attaches and Directors of Institutes from European countries, headed by Mr Denis DAMBOIS, Head of Research and Innovation, EU Delegation to India	23 February 2016
6	Dr. Brian A. Barsky, Professor University of California, Berkeley	29 January – 7 February 2016
7	Dr. Tapan Misra, Director, Space Applications Centre (SAC), ISRO, Ahmedabad	22 January 2016
8	Dr. Hiromichi Fujisava Corporate Chief Scientist and Technology Advisor, R&D Group, Hitachi Ltd., Tokyo Japan	10-16 January 2016

The Institute regularly invites speakers from academic institutions and industry to deliver special lectures on cutting edge areas in engineering and technology. Below is a list of the talks:

Sr.No	Speaker and Title	Dates	Affiliation
1	Dr Rajiv V. Joshi, Senior Research Fellow Low Power Design in Nano Era	30 January 2017	IBM Watson research center, NY, USA
2	Dr. David Smith, Head, DNA Nano-devices Unit, Bottom-up Engineering of Nanoscale Devices to Program Biological Materials	21 – 28 November 2016	Fraunhofer Institute for Self Therapy and Immunology, Germany
2	Dr. Malay Vyas, Director, Engineering, ARM	10 May	ARM,



Sr.No	Speaker and Title	Dates	Affiliation
	Advanced ARM Architectures	2016	Bangalore
3	Prof. Veena Talwar Oldenburg Afternoons in the Kotha: Exploring the World of the Courtesans of Lucknow	18 March 2016	Baruch College, City University of New York
4	Dr. Brian A. Barsky, Professor Series of lectures on Computer Graphics, Geometric Modelling, Optometry and Vision Science	29 January – 7 February 2016	University of California, Berkeley
5	Prof. Shailesh Tipnis, Professor Emeritus (Department of Mathematics) A Card Trick: Protocol, Graph model, and extensions	27 October 2015	Illinois State University, USA
6	Dr. M K Radhakrishnan VLSI - The Soul of Engineering Evolution in Electronics	6 October 2015	NanoRel Technical Consultants, Singapore
7	Dr. Pradeep K. Sinha Becoming Professionally Successful	19 August 2015	C-DAC
8	Dr Kazutoshi Wkabayashi, Director, C to RTL group C to RTL Converters	12 August 2015	NEC, Tokyo, Japan

3.1.9 Does the university encourage research by awarding Post Doctoral Fellowships/Research Associateships? If yes, provide details like number of students registered, funding by the university and other sources.

Sr.No.	Name of Employees	Year of registration
1	Pankaj P Chaudhary	2015
2	Miral Shah	2016
3	Risabh Agarwal	2016
4	Meetkumar Soni	2016
5	Ankur Pokhara	2017

3.1.10 What percentage of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the university monitor the output of these scholars?

Sr.No.	Faculty	Host	Country	Dates
1	Prof. Sourish Dasgupta	Entrepreneur-ship	India	Jan – May 2017
2	Prof. Rahul Dubey	Professional Pursuit	USA	Aug 2015 – April 2017



3.1.10 Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/scholars who participated in these events.

Sr. No	Title	Venue	Dates
1	Summer School on Advances in Speech and Audio Processing (ASAP): from Representation and Model to Applications	DA-IICT	19-20 July 2016
2	Summer School on Speech Signal Processing (S4P) on Speech Modelling and its Applications	DA-IICT	4-8 July 2016
3	Winter School on Emerging Research Trends in Computational Intelligence – Theory and Applications	DA-IICT	1-5 March 2016
4	Workshop on Geometrical Interpretation of Mathematical Concepts	DA-IICT	8-10 January 2016

Prominent speakers were invited for various Summer School/Winter School/Symposium organized by the Institute. The details are presented below:

Summer School on Advances in Speech and Audio Processing (ASAP): from Representations and Model to Applications (19-20 July 2016)	<ol style="list-style-type: none"> 1. Prof. (Dr.) Shrikanth Narayanan, Andrew J. Viterbi Professor of Engineering, University of Southern California, USA 2. Prof. (Dr.) T.V. Sreenivas, Associate Professor, IISc, Bangalore. 3. Prof. (Dr.) Sriram Ganapathy, Assistant Professor, IISc, Bangalore. 4. Prof. (Dr.) V. Ramsubramanian, Professor, PES Institute of Technology – Bangalore South Campus (PESIT-BSC) 5. Prof. Suryakanth V. Gangashetty, Assistant Professor, IIIT, Hyderabad
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<p>Summer School on Speech Signal Processing (S4P) on Speech Source Modelling and its Applications (4-8 July 2016)</p>	<ol style="list-style-type: none"> 1. Prof. Hiroya Fujisaki, Professor Emeritus, The University of Tokyo, Japan 2. Prof. Christophe d'Alessandro, Research Director, CNRS, France 3. Prof. Daryush D. Mehta, Assistant Biomedical Engineer, Massachusetts General Hospital 4. Prof. Haizhou Li, Research Director, Institute for Infocomm Research (I2R), A*STAR 5. Prof. B. Yegnanarayana, Speech and Vision Lab, IIT, Hyderabad 6. Mr. T. V. Ananthapadmanabha, Chief Executive Officer (CEO), Voice and Speech Systems (VSS), Bangalore 7. Prof. Hema Murthy, Professor, Indian Institute of Technology (IIT), Madras 8. Dr. K. Samudravijaya, Scientific Officer 'F', Tata Institute of Fundamental Research (TIFR) 9. Prof. S. R. M. Prasanna, Professor, Indian Institute of Technology (IIT), Guwahati 10. Prof. Chandra Sekhar Seelamantula, Associate Professor, Indian Institute of Science (IISc), Bangalore 11. Prof. K. Sri Rama Murty, Assistant Professor, Tata Institute of Fundamental Research (TIFR) 12. Dr. A P Prathosh, Research Scientist, Xerox Research Center India (XRCI), Bangalore 13. Dr. Vinay Kumar Mittal, Head of Research 'Centre for Smart Cities' (CSC) and Associate Professor at IIIT Chittoor, Sri City
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<p>Winter School on Emerging Research Trends in Computational Intelligence – Theory and Applications (1-5 March 2016)</p>	<ol style="list-style-type: none"> 1. Prof. Jacek M. Zurada (University of Louisville, USA) – Inaugural Talk 2. Prof. Aruna Tiwari (IIT, Indore) - Design of Soft computing algorithms for Big Data Analytics 3. Prof. Bijaya Ketan Panigrahi (IIT, Delhi) - Computational Intelligence in Power System 4. Prof. Jagannathan Sarangapani (Missouri University of Science and Technology, USA) - Optimal Adaptive Control: Recent Results and Challenges 5. Prof. N Sundarajan (NTU, Singapore) - Complex valued Neural Networks; Human learning in particle swarm applications 6. Prof. Nikhil R. Pal (ISI, Kolkata) - Neural Information Processing: Applications and Challenges 7. Prof. Ong Yew Soon (NTU, Singapore) - Artificial Neural Network: Past, Present and Future
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	<ol style="list-style-type: none"> 8. Prof. Ponnuthurai Nagarathan (NTU, Singapore) - Differential Evolution for Numerical Optimization; Competitive Classification and Forecasting Methods 9. Prof. Suresh Sundaram (NTU, Singapore) - Recent developments in Spiking Neural Network 10. Prof. Sushmita Mitra (ISI, Kolkata) - Hybridization with rough sets: Application to Bioinformatics and Biomedical Imagery 11. Prof. Swagatam Das (ISI, Kolkata) - Benchmarking Evolutionary Algorithms - A Statistical Perspective 12. Prof. Venkatesh Babu (IISc, Bangalore) - Video Surveillance
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<p>7th meeting of Forum for Information Retrieval Evaluation (FIRE-1-5 December 2015)</p>	<ol style="list-style-type: none"> 1. Björn Gambäck, Norwegian University of Science and Technology, Norway 2. Charles L. A. Clarke, University of Waterloo, Canada 3. Doug Oard, University of Maryland, USA 4. Gareth Jones, Dublin City University, Ireland 5. Jaap Kamps, University of Amsterdam, The Netherlands 6. Kareem Darwish, Qatar Computing Research Institute, Qatar Foundation 7. Paulo Quaresma, Universidade de Evora, Portugal 8. Pushpak Bhattacharyya, Indian Institute of Technology, Patna 9. Mayur Datar, Principal Data Scientist, Flipkart 10. Girish Keshav Palshikar, Principal Scientist, Tata Consultancy Services
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3.2 Resource Mobilization for Research

3.2.2 Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

In its continuous endeavour towards sensitizing its community towards importance of patenting and IPR awareness, DA-IICT has organized events such as a workshop on Patent and IPR Awareness on 11 July 2015, sponsored by TIFAC, New Delhi. Dr. Prabhat Ranjan, Executive Director, TIFAC, DAT, New Delhi was the main speaker. Few distinguished speakers from Mumbai Patent Office were also invited.

In addition to organizing events, DA-IICT has promulgated its IPR policy in October 2015. It prescribes mechanisms via which inventions generated at DA-IICT, can be protected. The policies laid out in this document apply to faculty, staff, students, research scholars, post docs and visitors. Any invention that arises out of work pursued at DA-IICT will have to be reported via prescribed means to the designated authority/office.

Following are the details of the patents filed:

No.	Name of the Patent	Patent Filed Date	Name of the Faculty
1	Autonomous Wireless Sensor Nodes using Scalable and Identical Switching Circuit for Micro-energy Harvesters and Sensors	11 August 2016	Prof. Biswajit Mishra
2	Replication and Storage of Media Data in Bacteria and other Similar Microorganisms	18 March 2016	Prof. Manish K Gupta
3	A Modified Direct Conversion Receiver (DCR) and Method for Reduction of Distortion	01 July 2016	Milind S Shah and Prof. Sanjeev Gupta
4	Method for Determining a Visual Quality Index of a High Dynamic Range Video Sequence	31 March 2016	Prof. Manish Narwaria
5	System and Architecture for Space-based and Mobile Terrestrial Sensor Vehicles and End-	US Patent 9,473,578;	R. Gopal, S. Kay, J. Lykins, C.



No.	Name of the Patent	Patent Filed Date	Name of the Faculty
	to-End Network for Aggregation and Processing of Sensor Data	2016	Ravishankar, and Y. Vasavada
6	Apparatus and Method for Efficient Handover for Low Earth Orbit (LEO) Satellite Systems	US Patent 9,479,993; 2016	N. BenAmmar, D. Arur, C. Ravishankar, and Y. Vasavada
7	Method for Iterative Estimation of Global Parameters	US Patent App. 9,099,776; 2015	Y. Vasavada , X. Huang, A. Purohit, C. Ravishankar, and J. Corrigan III
8	Interference Compensation in Uplink Power control	US Patent App. 14/681,470; 2015	Vasavada , Y. Antia, D. Roos, Y. Liu, and W. Kepley
9	Apparatus and Method for Network Level Synchronization in Multiple Low Earth Orbit (LEO) Satellite Communications Systems	US Patent App. 14/663,442; 2015	Y. Vasavada , C. Ravishankar, D. Arur, and M. Parr
10	Method and System for Acquiring Ephemeris Information	US Patent App. 8,963,772; 2015	J. Xu, Y. Vasavada , M. Parr, C. Ravishankar, A. Noerpel, and J. Jong

3.2.3 Provide the following details of ongoing research projects of faculty:

A. University Awarded Projects

Type of Project	Year wise	Name of the project	Name of the funding agency	Total grant received
Minor Projects	2017	WalkSense: A Wearable Anklet for Abnormal Gait Detection and Prevention (Prof. PS Kalyan Sasidhar)	Seed Grant	1,28,300
	2016	Biological System Based Data Storage (Prof. Manish Gupta)	Seed Grant	1,15,000



B. Other agencies-national and international (specify)

Category	Year wise	Name of the project	Name of the funding agency	Total grant received (Rs.)
Minor Projects	2017	UCMA: A Toolset to Automatically Analyze Functional Requirements Specified in the Use Cases	SERB (DST)	9,65,690
	2015	Processor RTL Customization and Development of Low Power Design Flow Methodology	GUJCOST	2,50,000
Major Projects	2016	Detection of Heavy Metal Pollution in Vegetation and Characterization of Soil Clay Minerals using AVIRIS-NG Data	SAC (ISRO)	11,00,000/-
	2016	Development of Ultra Low Power And Low Voltage Time to Digital Converter (TDC) for Space Applications	SAC (ISRO) - RESPOND	11,04,000/-
	2016	Kinetic Modeling of Large size Negative Ion Sources for Fusion Application using Emerging Parallel Processing Computer Architectures	BRNS	23,69,300/-
	2016	Study of Privacy, Accountability and Ownership in IoT	Indo French Centre for Promotion of Advanced Research (IFCPAR-CEFIPRA) under DST-INRIA-CNRS Targeted Programme	17,67,420/-



3.2.4 Does the university have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

Sr.No	Year	Sponsor	Title and Amount
1	2016	(n) Code Solutions – A Division of GNFC Limited	Testing of Wireless Device and CCTV Surveillance System Rs. 4,93,062/-
2	2016	(n) Code Solutions – A Division of GNFC Limited	Internet Wi-Fi Network Security Testing Rs. 4,60,000/-

3.2.5 How many departments of the university have been recognized for their research activities by national / international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

Recognition:

The Incubation Centre of DA-IICT (DCEI) which was started in 2007 has received a grant in 2010 amounting to 155 lakhs from DeitY for promoting start-ups. DCEI has also been identified as a Nodal Institute for promotion of start-ups by the Government of Gujarat in January 2016. DA-IICT also framed a policy towards faculty entrepreneurship during 2016-17 and as an outcome a successful faculty venture has been initiated.

Outcome:

DA-IICT has its Faculty Entrepreneurship Policy w.e.f. September 2015. The objective of this policy is to formulate guidelines for members of faculty at DA-IICT which will promote, by maintaining highest standards of academic integrity, interdisciplinary research, faculty entrepreneurship and related policies.



DA-IICT has also signed a MoU with Entrepreneurship Institute of India (EII), Ahmedabad in March 2017 to identify and collaborate on mutually selected projects with a view to share expertise for tackling important problems relating to ICT, entrepreneurship, and socio-economic development through exchange of personnel, organization of joint conferences, workshops, teaching and training programs and joint guidance of projects and doctoral theses.

The details of start-up companies funded during the period 2016-17 is as follows:

- Corybee Private Limited (faculty venture)
- Human Brydge Private Limited
- Innorruption Tech Solutions Pvt. Ltd.
- 55 Labs Private Ltd.

3.2.6 List details of

a. research projects completed and grants received during the last four years (funded by National/International agencies).

Year completed	Project title	Sponsoring Authority	Total Cost (in lacs)
2017	Knowledge Compilation in Modal and Multimodal Logic	National Board for Higher Mathematics	6.84
2016	Techniques for Robust Face Recognition with Pose Variation	BRNS/DAE	21.92
2016	Indian Digital Heritage (IDH-Hampi) Phase-II (Digital Capture of Culture & Heritage)	DST	37.6
2016	Development of Prosodically Guided Phonetic Engine for Searching Speech Database in Indian Languages	DeitY	50.6



b. Inter-institutional collaborative projects and grants received

- i) All India Collaboration - Nil
- ii) International

Year started	Title	Name of collaborative Agency/ Institute	Sponsoring Authority	Total Cost (In Lakh)
2016	Study of Privacy, Accountability and Ownership in IoT	LIMOS, UMR 6158, University Clermont Auvergne France	Indo French Centre for Promotion of Advanced Research (IFCPAR-CEFIPRA) under DST-INRIA-CNRS Targeted Programme	Rs. 17.67 lakh

3.3 Research Facilities

3.3.1 What efforts have been made by the university to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

DA-IICT has signed a MOU with Springer Science+Business Media Singapore Pte Ltd. to publish jointly books and individual titles authored by faculty, researchers and doctoral scholars of DA-IICT following the Springer's norms of copyrights and editing and market them worldwide through Springer's network.

DA-IICT has also a MOU with INFLIBNET Centre, Inter-University Centre of the University Grants Commission. DA-IICT participates in digitization of theses and dissertations and building-up of digital repository and to promote, share and host its students' electronic theses and dissertations in '*Shodhganga*.'

Following important hardware/equipments/software have been acquired in last academic year for promotion of research:



Desktop PCs:

S. No.	Desktop PC Configuration	Nos.	Value in Lakh
4	DELL Vostro 3558 Laptop : 5th Generation Intel Corei5-5200U processor (3M Cache, up to 2.7 GHz),4GB DDR3 SDRAM Memory,500GB SATA Hard Drive, DVD +/- RW,15.6 inch, Windows 8.1 Professional	8	2.80
5	Intel Core i7-4770 3.4GHZ,8GB DDR3 RAM upto 32GB Max 1TB 7200 RPM HDD,	14	7.87
7	Apple iMac 27-inch with Retina 5K Display Model No: MK472HN/A ,Processor Speed: 3.2GHz Quad-core Intel, Core i5,8GB of 1867MHz DDR3 memory,1TB Fusion	2	2.74
8	DELL All-in-one Desktop PC - 3 nos. For RC : Intel Corei3 4170T, 4GB RAM, 1TB HDD, Wireless Keyboard/Mouse,DVD, 20" screen	3	1.0
9	Mac Book Pro 15-inch Retina, Apple care protection plan, Apple USB Super Driver : 2.5GHz quad-core Intel Core i7 Turbo Boost up to 3.7GHz16GB of 1600MHz DDR3L onboard memory 512GB PCIe-based flash storage Intel Iris Pro & AMD Radeon R9 M370X with 2GB of GDDR5	1	1.87
10	Mac Book Pro 13-inch Retina, Apple care protection plan, Apple USB Super Driver : 3.2GHz Quad-core Intel Core i5, Turbo Boost up to 3.6GHz, Memory: 8GB of 1867MHz DDR3 memory, Storage: 1TB Fusion Drive, Graphics: AMD Radeon R9 M390 graphics, processor with 2GB of GDDR5	1	1.0
11	Supermicro GPU enabled workstation :Interl Xeon 4Core E5-2600 2.4GHz,64GB RAM, 1TB SATA HDD, with Nvedia Tesla GPU.	1	0.99



Server/Storage/3D Printer Configuration :

S. No.	Server /Storage/Printer Configuration	Nos.	Value in Lakh
1	HP DL360 GEN 9 Server : Intel Xeon *E5-2630V3 Processor, 2*300GB / 2*900GB SAS HD/ 4*600GB SAS HDD, Smart Array, 16GB/32GB RAM	4	13.00
2	Supper Sever SuperServer 7048R-TR : Processor : 2 x Intel Haswell E5-2620V3 (Six core, 2.4GHz, Ready 12 Cores) Chipset Intel C612, RAM 32GB HDDs 2 x 1TB SATA Enterprise 7200	4	10.00
3	SuperMicroMasterNode Server, Model :SC846BE16-R920 : Processor 2 x Intel Xeon E5-2620 v3 (Six-core, 15M cache, 2.40 GHz, 8.00 GT/sec) , Total 64GB DDR4- RAM HDDs 2 x 1TB SATA Ent. 7200 RPM 3.5" (for OS - Configured on RAID 1) ; 10 x 2TB SATA Ent.7200 RPM 3.5", RAID 0,5, 1,6,10	1	24.45
4	SuperMicroCompute Node Server , Model : 745TQ-R920X1 Processor 2 x Intel Haswell E5-2640V3, Eight-core, 2.6GHz, 20M, 8.0GT/s)(Ready 16 Cores),GPU 1 x NVIDIA GTX750Ti 2GB DDR5 (Make ASUS),Chipset Intel® C612 Express chipset, RAM 8 x 16GB (Total 128GB) DDR4-2133 ECC REG.(Max 1TB, 16 DIMMs) (Populated with 8GB/core),HDDs 1 x 1000GB SATA Enterprise 7200 RPM 3.5" HDDs,RAID SATA 3.0	2	
5	SuperMicroCompute Node Server, Model : 813MFTQ-R400CBX1 : Processor 2 x Intel Haswell E5-2640V3, Eight-core, 2.6GHz, 20M, 8.0GT/s)(Ready 16 Cores),Chipset Intel® C612 Express chipset, RAM 4 x 8GB (Total 32GB) DDR4-2133 ECC REG.(Max 512GB, 08 DIMMs) (Populated with 2GB/core),HDDs 1 x 1000GB SATA Enterprise 7200 RPM 3.5" HDDs,RAID SATA3 (6Gbps)	2	
6	EMC Vnxe3200 Unified Storage with 3TB capacity	1	6.00
7	HP NAS Storage with 5TB storage Capacity	1	4.75
9	MakerBot Replicator 3D Printer, Smart Extruder, True color filament, Replicator build plate tape for (Eng Design Lab)	1	3.50



Special Equipment:

Sr.no.	Lab Equipment description	Value in Lakh
3	Zynq-7000 AP SoC ZC702 evaluation kit	2.95
4	AD9361 FMCOMMS3 – EBZ evaluation board	1.21
5	AD9361 FMCOMMS5-EBZ evaluation board	1.84
9	Trimble make JunoSA handheld GPS receiver (Qty. 5)	2.78
10	Bench Lathe Machine	0.95
11	AC/DC Stick Welding Power Source	0.64
12	OCTAGON PC Based Table Top CNC Lathe machine	1.46
13	Bhavya Drilling cum Milling machine ZAY7045	1.56
14	PCB Prototype Machine	6.38
15	PCB LAB NV1800	1.88
20	Elinchrom FRX 400 with standard kit, Professional kit for MMD	0.95
21	NIKON DSLR Camera D5300 with 18-55mm & 18-140mm & 18-55mm & 70-300mm Lens, Lens 18-55mm, Rechargeable battery, UV Filters for MMD	1.33

Software:

Sr. No.	Software Renewal Name	Party Name	Renewal Type	Years 2015-16	Year 2016-17
1	Adobe Creative Cloud for Teams	Silvertouch Pvt. Ltd/Comparex India PVT Ltd.	Yearly	350,000.00	532,000.00
2	Cadence software Bundle	Cadence Design systems Ltd.	4 Years	2,200,000.00	N.A
5	National Instrument Labview License	National Instrument	3 Years	710,000.00	N.A
6	Matlab Campus wide License	DesignTechSsystem Ltd.	3 Years	1,987,000.00	N.A
7	Turnitin Software	Igroup Infotech India Pvt. Ltd.	Yearly	336,000.00	375,386.00
9	CS Studio Suite education License	Jyoti Electronics	Yearly	N.A	592000.00
10	Mentor Graphics HEP1 & HEP2 25 User License for 3 Years	CoreEL Technologies	3 Years	N.A	662000.00
11	Net sim Standard 10 User License with Various Components	Techno Scientific Company	Permanent	N.A	1009000.00



3.4 Research Publications and Awards

3.4.2 Give details of publications by the faculty:

Number of papers published in peer reviewed journals (national / international), Monographs, Chapters in books, Edited Books, Books with ISBN with details of publishers, Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.), Citation Index – range / average, SNIP, SJR, Impact Factor – range / average h-index

Publication Type	2015	2016*
Number of papers published in peer reviewed journals	120	71
- National Journals and Conferences	16	1
- International Journals and Conferences	104	70
Books with ISBN with details of publishers	1	1
Chapters in Book	2	7
Books edited	1	0
Number listed in International Database (Scopus)	93	67
h-Index**	18	

* Data for 2016 is upto 31st July 2016.

** The h-index is based on Scopus data as on 14th March 2017.



3.4.3 Give details of

- faculty serving on the editorial boards of national and international journals

Year	National	International	Total
2015	0	5	5
2016	0	11	11

- No of faculty serving on steering/programme committees of international conferences:

Year	No. of faculty
2015	32
2016*	12

3.4.4 Provide details of

- Research awards received by the faculty and students

Sr. No.	PhD students	Recognition	Agency	Year
1	Parth Mehta	Travel Grant from DAAD to attend Autumn School for Information Retrieval and Information Foraging (ASIRF) 2015	DAAD	2015
2	Anshu Chittora	Best paper award during ICBAPS 2015, Malaysia	ICBAPS 2015	2015
3	Milind Padalkar	Offered sponsorship of INR 1.25 Lakh to present his research paper at the 26th British Machine Vision Conference (BMVC 2015), 7-10 September 2015, Swansea University, UK	Xerox Research Centre India (XRCI), Bangalore	2015
4	Tavina B. Patel	Topped in a worldwide competition "ASV Spoof Challenge 2015" during INTERSPEECH 2015, Dresden, Germany	INTERSPEECH 2015	2015
5	Sarita Agrawal	Best Paper Award (PhD Forum Track)	IEEE Advanced Networks and Telecommunications Systems (ANTS) 2016	2016
6	Tanvina B. Patel	Awarded grant of USD 1000 to present paper accepted at 41 st IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Shanghai, China	IEEE Signal Processing Society, USA	2016



Sr. No.	PhD students	Recognition	Agency	Year
7	Vandana Ravindran	Visiting Researcher, Faculty of Life Sciences, University of Manchester, UK	Faculty of Life Sciences, University of Manchester, UK	2016
8	Madhulika Agrawal	Erasmus Mundus Fellowship Scholar assigned to University of Evora, Portugal for 2 years	European Commission	2016
9	Prashant Domadiya	TCS Research Fellowship	TCS	2016
10	Jainisha Sankhavara	TCS Research Fellowship	TCS	2016
11	Nimesh J Shah	Awarded travel grant of \$1000 to present his two papers at ICASSP 2017, New Orleans USA	IEEE Signal Processing Society, USA	2017
12	Ashutosh Adhikari	Awarded travel grant of \$800 to attend and present a paper at IJCNN 2017	IEEE CIS	2017

- National and international recognition received by the faculty from reputed professional bodies and agencies

Sr. No.	Faculty	Recognition	Agency	Year
1	Prof. P S Kalyan Sasidhar	IOB Design Contest Winner	Maxim Integrated	2017
2	Prof. Saurabh Tiwari	Early Career Research Award	Science and Engg. Research Board (SERB), Govt of India	2016
3	Prof. R Nagaraj	Best Research Presentation	ISCBI, Olten, Switzerland	2016
4	Prof Ganesh Bangler	One among the best research findings [Negative (Contrasting) Food Pairing Phenomenon] in Indian cuisine	MIT Technology Review, USA	2015

3.4.5 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty during the last four years. Does the university participate in Shodhganga by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?

A total of 25 research scholars have received the PhD degree. In addition, a total of 4 research scholars have submitted their PhD theses for examination.



Programme:	M Tech (ICT)	PhD
Year	No. of Degrees awarded	No. of Degrees awarded
2016	44	8
2017	47	6

3.5 Consultancy

Sr. No	Organization	Title	Faculty	Year
1	(n) Code Solutions – A Division of GNFC Limited	Testing of Wireless Device and CCTV Surveillance System	Anil Roy	2016
2	(n) Code Solutions – A Division of GNFC Limited	Internet Wi-Fi Network Security Testing	Anil Roy	2016

3.6.3 How does the university promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programmes?

In our constant endeavour to promote students participation in NCC, a prestigious event on the occasion of Army Day - Know your Army was organized at DA-IICT on 15 January, 2017. Indian Army put up a thrilling, innovative and knowledge imparting exhibition at DA-IICT. The exhibition inspired students and showcased the opportunities through which one can serve his/her country. Various events were performed through which diverse cultures of India were represented and the students were filled with the feeling of patriotism. His Excellency Governor of Gujarat, Shri O.P. Kohli inaugurated the event. Maj. Gen. Parashar and Brig. Man Prakash from the Indian Army, Golden Katar Division were present. More than 2000 people, including the students of DAIICT, came and witnessed the event





3.7 Collaboration

3.7.1 How has the university's collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?

DA-IICT has also signed MoUs with following other prominent Institutes:

University of Evora (Universidade de Evora), Portugal: For academic exchange, collaboration in teaching, research and exchange of scientific materials and publications, for advancement and dissemination of learning. Under the provisions of the MoU, DA-IICT is one of the Asian University Partners with the University of Evora in the Erasmus Mundus Fellowship Program of the European Commission.

Nanyang Technological University (NTU), Singapore: DA-IICT is collaborating with NTU for student exchange and joint research under NTU – India Connect programme. A joint workshop on Data Sciences is being organized between NTU and DA-IICT on 20-21 July 2017.

University of Dayton, Ohio, USA: To develop academic exchange and co-operation in teaching and research for the advancement and dissemination of learning. Prof. Suman Mitra has visited University of Dayton from June 25 to August 10, 2016 as part of academic exchange.

3.7.2 Mention specific examples of how these linkages promote

As part of government-sponsored collaboration, faculty and students have visited project partners in France, Spain and Japan. Researchers from the foreign partner institutions also visited DA-IICT.



As an outcome of these MoUs a few visits by faculty and students are as follows:

Sr.No	Name	Institute visited	Period	Sponsor
1	Madhulika Agrawal	Erasmus Mundus Fellowship Scholar assigned to University of Evora, Portugal	2016 (for 2 years)	European Commission
2	Mr. Hardik Gajera	LIMOS French CRNS Lab, France	October 3-29, 2016	(IFCPAR-CEFIPRA) under DST-INRIA-CNRS Targeted Programme
3	Ms. Khyati Mahajan	NTU, Singapore	May – July 2016	NTU-India Connect Research Internship Programme
4	Mr. Shaleen Gupta	NTU, Singapore	May – July 2016	NTU-India Connect Research Internship Programme
5	Mr. Bhavarth Pandya	NTU, Singapore	May – July 2016	NTU-India Connect Research Internship Programme
6	Mr. S. Chaitanya Prasad	NTU, Singapore	May – July 2016	NTU-India Connect Research Internship Programme

Visits from foreign partner institutes:

Sr.No	Name	Affiliation	Period	Sponsor
1	Prof. Pascal Lafourcade	University of Clermont Auvergne, France.	December 19-28, 2016	Indo-French
2	Mr. David Gerault	University of Clermont Auvergne, France.	December 5 - 28, 2016	Indo-French



3.7.3 Has the university signed any MoUs with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?

The Institute has signed Memorandums of Understanding with national and international Institutions to promote and enhance academic and research interactions as well as collaborations.

- **The University of Dayton, USA:** To develop academic exchange and co-operation in teaching and research for the advancement and dissemination of learning. Prof. Suman Mitra has visited University of Dayton from June 25 to August 10, 2016 as part of academic exchange.
- **University of Evora (Universidade de Evora), Portugal:** For academic exchange, collaboration in teaching, research and exchange of scientific materials and publications, for advancement and dissemination of learning. Under the provisions of the MoU, DA-IICT is one of the Asian University Partners with the University of Evora in the Erasmus Mundus Fellowship Program of the European Commission.
- **University of Hildesheim (Stiftung Universitat Hildesheim), Hildesheim, Germany:** For academic and research collaboration, exchange of faculty, staff and students and exchange of academic information, scholarly information, materials and publications.
- **University of Swaziland (UoS), Swaziland:** For academic exchange, research and faculty development of UoS for the advancement and dissemination of learning.
- **Space Application Centre, Indian Space Research Organisation:** To carry out joint activities between the two institutions which will include research projects; doctoral studies of SAC officers at DA-IICT, internship of PG students at SAC, training of SAC officials, visit of faculty to SAC



and SAC scientists to DA-IICT for research and academic pursuits, joint workshops and conferences.

- **Indian Statistical Institute:** For visit of faculty to participate in joint teaching, research, and conferences; visit of students to each other Institutes for short term courses, internships or mini projects; prepare, as necessary, additional working programs detailing specific norms and contents of co-operation and to exchange scientific materials and publications.
- **Entrepreneurship Development Institute of India:** To identify and collaborate on mutually selected projects with a view to share expertise for tackling important problems relating to ICT, entrepreneurship, and socio-economic development through exchange of personnel, organization of joint conferences, workshops, teaching and training programs and joint guidance of projects and doctoral theses.
- **INFLIBNET Centre, Inter-University Centre of the University Grants Commission:** To participate in digitization of theses and dissertations and building-up of digital repository and to promote, share and host DA-IICT's electronic theses and dissertations in '*Shodhganga*.'
- **Springer Science+Business Media Singapore Pte Ltd :** To publish jointly books and individual titles authored by faculty, researchers and doctoral scholars of DA-IICT following the Springer's norms of copyrights and editing and market them worldwide through Springer's network.
- **ICICI Bank:** Signed MoU to participate at the ICICITrinity Program. The Program encourages and promotes students' talent with a view to bring forth new ideas and innovations which can be applied in the banking/finance industry and help in their commercialization. The Program supports final year UG/PG students of five students team. In case of PhD Scholars, single Scholar can seek support.
- **International Crops Research Institute for the Semi-Arid Tropics, Hyderabad:** To participate in teaching, training and research; explore external funding opportunities for research, exchange and host students and



scholars for research and degree programs by each other and exchange scientific materials and publications.

3.7.4 Have the university-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

Qualcomm: A design of high performance computing cluster using ARM based cellphone processors proposed by the tech startup – Treepie computing - founded by Prof. Amit Bhatt was selected as a top 10 design ideas by a joint panel comprising of Qualcomm R&D and NASSCOM. Treepie was given a prize of US\$ 10000 and full technical and hardware support for a year to develop this idea further. It is a front runner to win the final prize of US\$ 100,000.

Qualcomm: Qualcomm donated hardware equipment worth US\$ 11060 in terms of Dragon boards for research purpose. These boards were not part of the regular university program donation but DAIICT was treated as a lead institute partner and we were the first one to receive them in India.

Intel and ARM: Intel and ARM donated boards worth US\$ 1750 for research and education purpose.

Cadence and Intel: Cadence donated 10 “research pack” license for one year with market cost of US\$ 37000. Intel donated 45 licenses of “Parallel studio – Cluster version” with each license costing US\$ 2500 and total cost of US\$ 112500.

IRNSS Receivers: DA-IICT received two IRNSS receivers from SAC (ISRO) for research.

IEEE Smart Lab: A Smart City Laboratory is set up to undertake research in the area of Internet of Things/Smart City in collaboration with IEEE and Reliance Communication.



Criterion IV - Infrastructure and Learning Resources:

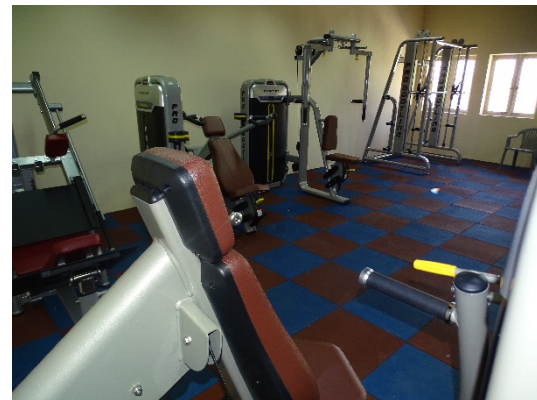
4.1.1 How does the university plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

Refurbishing and renovation of Lecture Theatre – 1 has been carried out. It has now been provided with state of the art AV facilities. LT-1 is fully air-conditioned and is also equipped with a digital podium comprising of facilities such as document projector, etc.



4.1.8 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

Well-equipped Gymnasium & Yoga hall on the first floor of the sports complex.



4.3.2 Give details of the university's computing facilities i.e., hardware and software (Added during 2016-17)

a) Details of Desktop PCs with individual configurations

S. No.	Desktop PC Configuration	Nos.	Value in in Rs. (Lakhs)
1	HP 280 G 2 MT Desktop : Intel Core-I5 6500 3.2GHZ 6M 2133 CPU,4GB DDR4 2133 DIMM,HP USB KBD & MOUSE, CARD READER, 500GB 7200 RPM SATA 6G HDD, 18.5" LED Monitor	370	118.40
2	Dell Optiplex 3040MT Desktop : Intel Core i5-6500,4 GB DDR-3,1TB 7200 RPM 3.5" SATA Hard Drive,DVD + /- RW with Dual Layer,19.5" Wide Screen LED Monitor, Integrated Graphic	30	12.00
3	DELL VOSTRO 3902 Desktop 4th Generation Intel® Core i5-4460 processor (6M Cache, up to 3.4 GHz) 4GB DDR3 1600MHz RAM Memory, 500GB 7200 RPM 3.5" SATA Hard Drive, DVD RW,USB Entry Keyboard, USB Optical Mouse	15	5.25
4	DELL Vostro 3558 Laptop : 5th Generation Intel Corei5-5200U processor (3M Cache, up to 2.7 GHz),4GB DDR3 SDRAM Memory,500GB SATA Hard Drive, DVD + /- RW,15.6 inch, Windows 8.1 Professional	8	2.80
5	Intel Core i7-4770 3.4GHZ,8GB DDR3 RAM upto 32GB Max 1TB 7200 RPM HDD,	14	7.87
6	Intel PDC G3260 3.30 GHZ, 3 MB Catch, 4GB DDR-3 RAM,HDD 500Gb 7200RPM	34	7.98
7	Apple iMac 27-inch with Retina 5K Display Model No: MK472HN/A ,Processor Speed: 3.2GHz Quad-core Intel, Core i5,8GB of 1867MHz DDR3 memory,1TB Fusion	2	2.74
8	DELL All-in-one Desktop PC - 3 nos. For RC : Intel Corei3 4170T, 4GB RAM, 1TB HDD, Wireless Keyboard/Mouse,DVD, 20" screen	3	1.0
9	Mac Book Pro 15-inch Retina, Apple care protection plan, Apple USB Super Driver : 2.5GHz quad-core Intel Core i7 Turbo Boost up to 3.7GHz16GB of 1600MHz DDR3L onboard memory 512GB PCIe-based flash storage Intel Iris Pro & AMD Radeon R9 M370X with 2GB of GDDR5	1	1.87
10	Mac Book Pro 13-inch Retina, Apple care protection plan, Apple USB Super Driver : 3.2GHz Quad-core Intel Core i5, Turbo Boost up to 3.6GHz, Memory: 8GB of 1867MHz DDR3 memory, Storage: 1TB Fusion Drive, Graphics:	1	1.0



S. No.	Desktop PC Configuration	Nos.	Value in Rs. (Lakhs)
	AMD Radeon R9 M390 graphics, processor with 2GB of GDDR5		
11	Supermicro GPU enabled workstation :Interl Xeon 4Core E5-2600 2.4GHz,64GB RAM, 1TB SATA HDD, with Nvedia Tesla GPU.	1	0.99

b) Server/Storage/Printer Configuration :

S. No.	Server /Storage/Printer Configuration	Nos.	Value in Rupees (Lakh)
1	HP DL360 GEN 9 Server : Intel Xeon *E5-2630V3 Processor, 2*300GB / 2*900GB SAS HD/ 4*600GB SAS HDD, Smart Array, 16GB/32GB RAM	4	13.00
2	Supper Sever SuperServer 7048R-TR : Processor : 2 x Intel Haswell E5-2620V3 (Six core, 2.4GHz, Ready 12 Cores) Chipset Intel C612, RAM 32GB HDDs 2 x 1TB SATA Enterprise 7200	4	10.00
3	SuperMicroMasterNode Server, Model :SC846BE16-R920 : Processor 2 x Intel Xeon E5-2620 v3 (Six-core, 15M cache, 2.40 GHz, 8.00 GT/sec) , Total 64GB DDR4- RAM HDDs 2 x 1TB SATA Ent. 7200 RPM 3.5" (for OS - Configured on RAID 1) ; 10 x 2TB SATA Ent.7200 RPM 3.5" , RAID 0,5, 1,6,10	1	24.45
4	SuperMicroCompute Node Server , Model : 745TQ-R920X1 Processor 2 x Intel Haswell E5-2640V3, Eight-core, 2.6GHz, 20M, 8.0GT/s)(Ready 16 Cores),GPU 1 x NVIDIA GTX750Ti 2GB DDR5 (Make ASUS),Chipset Intel® C612 Express chipset,RAM 8 x 16GB (Total 128GB) DDR4-2133 ECC REG.(Max 1TB, 16 DIMMs) (Populated with 8GB/core),HDDs 1 x 1000GB SATA Enterprise 7200 RPM 3.5" HDDs,RAID SATA 3.0	2	
5	SuperMicroCompute Node Server, Model : 813MFTQ-R400CBX1 : Processor 2 x Intel Haswell E5-2640V3, Eight-core, 2.6GHz, 20M, 8.0GT/s)(Ready 16 Cores),Chipset Intel® C612 Express chipset,RAM 4 x 8GB (Total 32GB) DDR4-2133 ECC REG.(Max 512GB, 08 DIMMs) (Populated with 2GB/core),HDDs 1 x 1000GB SATA Enterprise 7200 RPM 3.5" HDDs,RAID SATA3 (6Gbps)	2	
6	EMC Vnxe3200 Unified Storage with 3TB capacity	1	6.00
7	HP NAS Storage with 5TB storage Capacity	1	4.75
8	HP Laser-jet Printers	9	3.42
9	MakerBot Replicator 3D Printer, Smart Extruder, True color filament, Replicator build plate tape for (Eng Design Lab)	1	3.50



c) Network Switches/ Wireless network/ Firewall Configuration :

S. No.	Network Switch/ Wireless/Firewall Configuration	Nos.	Value in Rupees (Lakh)
1	Cisco Nexus 9300 L3 Manageable switch with 48*1/10 G fiber ports	2	16.50
2	Cisco SG300/200 52 port Gigabit L2 Manageable switch	5	1.25
3	Cisco SG300/200 28-port Gigabit L2 Manageable switch	6	1.14
4	Zone controller for centralize Management of Wireless network, Make :Rukus, Model : ZD1205 with 20 Access Point Licenses	1	0.70
5	Ruckus Higher end wireless access points Model R700/R500	20	5.25
6	Cyeroam 1500INGXP Layer 8 (User - Identity) Firewall : Gateway Anti-Virus & Anti-Spyware, Web Application Firewall, SSL VPN, High Availability, Administration & System Management, Bandwidth Management, Intrusion Prevention System, Web Filtering, Application Filtering, Load balancing & fault tolerance, On-Appliance Cyberoami-View Reporting, User Authentication, Bandwidth Management.	1	16.00

d) Special Equipment:

Sr.no.	Lab Equipment description	Value in Rupees (Lakh)
1	LCD projector with lens, Make Sony	7.42
2	Sony HXR-NX100 Professional Camcorder (Qty. 2) with Lens.	2.50
3	Zynq-7000 AP SoC ZC702 evaluation kit	2.95
4	AD9361 FMCOMMS3 – EBZ evaluation board	1.21
5	AD9361 FMCOMMS5-EBZ evaluation board	1.84
6	Anetenna Trainer Kit	1.53
7	Microwave test Bench -X band (Qty. 7)	5.65
8	Epson make Document camera (Qty. 10)	3.74
9	Trimble make JunoSA handheld GPS receiver (Qty. 5)	2.78
10	Bench Lathe Machine	0.95
11	AC/DC Stick Welding Power Source	0.64
12	OCTAGON PC Based Table Top CNC Lathe machine	1.46
13	Bhavya Drilling cum Milling machine ZAY7045	1.56
14	PCB Prototype Machine	6.38
15	PCB LAB NV1800	1.88
16	BOSE make wall loudspeaker Panaray MA12, Bracket, 1200W CROWN XTI 4002, 8 channel audio mixer, 2 PVC shielded 1.5 Sqmm copper speaker cable for CEP 102	3.77



17	Sound craft Mixer, Bose Speaker, Shure Microphone, EPSON Document camera, HDMIM-HDMIM cables, Audio/Video, Coax cable, Speaker cable etc at LT1	13.50
18	EPSON LCD Projector EB-1965, 15 pin male to male molded VGA 1.5 mtr cable	1.03
19	EPSON LCD long throw Projector EB U32	0.94
20	Elinchrom FRX 400 with standard kit, Professional kit for MMD	0.95
21	NIKON DSLR Camera D5300 with 18-55mm & 18-140mm & 18-55mm & 70-300mm Lens, Lens 18-55mm, Rechargeable battery, UV Filters for MMD	1.33
22	EPSON LCD Projector EB-1965, Installation for LT2	1.03

e) **Details of ICT enabled classrooms & seminar rooms :**

Room description	Usage	Shared/ Exclusive	Capacity	Rooms equipped with PC, Internet, Book rack, meeting space, etc.
LT-1	Seminar Hall	Shared	340	PC, Digital Podium, Document Projector
CEP-102	Mini Auditorium	Shared	180	PC, Digital Podium, Document Projector
CEP-007 (DCEI)	Incubation Center	Exclusive	55	Fully furnished cubicles



View of Incubation Centre Annex



- f) Learning space at Laboratory is utilized to perform experiments on a day to day basis with ICT enabled laboratory rooms, also using to conduct workshops, to conduct seminars, placement activity.

Lab room no.	Signage / Usage	Approx. lab Room size in feet	Seating capacity	Remarks
207	207 - Lab for Computational Science. With 30 Higher End Desktop PCs.	48'x28'	64	teaching lab
CEP 002	IRLAB – Research Lab workspace allotted to PHD students & also used Research Project Staff	48'x28'	30	Research lab cum MTech & PHD student workspace
CEP 006	Speech Lab Research Lab workspace allotted to PHD students & also used Research Project Staff	32'x44'	25	Research lab – cum – M Tech & PHD student workspace
CEP 008	Smart city Lab- Research Lab workspace allotted to MTech & also used Research Project Staff	30'x20'	20	Research lab – cum – M Tech & student workspace
RC-B	Digital Resource cum Language Lab	40'x40'	30	Teaching cum Digital Resource Lab

4.3.12 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university.

Minimum budget of 30-40 Lakh is provided every year for maintenance of computers, printers, network & other accessories. For up-gradation and deployment of new technology institute provides extra budget as & when required.

Sr. No.	Infrastructure		Contract Period		
	Service Contract	Type of Contract	Party Name	Years 2015-16	Years 2016-17
1	IT Facility Management Contract	Yearly	Silver touch Pvt. Ltd.	1,678,000.00	1,928,000.00
2	Refilling and Replacement of drum & Toner Cartridge of Printer	Yearly	Labdhi Infotech	250,000.00	250,000.00
3	AMC 10 UPS AMC	Yearly	Emerson Network Power /Skytech	28,000.00	28,000.00



Infrastructure			Contract Period		
Sr. No.	Service Contract	Type of Contract	Party Name	Years 2015-16	Years 2016-17
			Power Solutions		
4	3 years Comprehensive Maintenance for CCTV	3 Years (from 2014)	Silver touch Pvt. Ltd.	40,000.00	40,000.00
5	AMC renewal for IBM Blade & other Servers	Yearly	Silver touch Pvt. Ltd.	N.A	143,000.00

Sr. No.	Software Renewal Name	Party Name	Renewal Type	Years 2015-16	Year 2016-17
1	Adobe Creative Cloud for Teams	Silvertouch Pvt. Ltd/Comparex India PVT Ltd.	Yearly	350,000.00	532,000.00
2	Cadence software Bundle	Cadence Design systems Ltd.	4 Years	2,200,000.00	N.A
3	Microsoft Desktop Education All Lng License/Software Assurance Pack	Rubik Infotech/Comparex India PVT Ltd.	Yearly	383,000.00	385,000.00
4	Microsoft Windows Server Standard All Lng License/Software Assurance Pack	Rubik Infotech/Comparex India PVT Ltd.	Yearly		
5	National Instrument Labview License	National Instrument	3 Years	710,000.00	N.A
6	Matlab Campus wide License	DesignTechSsystem Ltd.	3 Years	1,987,000.00	N.A
7	Turnitin Software	Igroup Infotech India Pvt. Ltd.	Yearly	336,000.00	375,386.00





CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1.10 What types of support services are available for

- **Health centre, health insurance, Crèche etc.**

DA-IICT has been sensitive to the needs of its growing community. Recognizing the challenges that some young parents faced while raising their children, the Institute decided to support them by providing the infrastructure for a crèche. The cozy room has washrooms attached and has a variety of educational toys, including whiteboard and markers, and children's furniture. The caretaker takes immense care in handling each child after they are back from their respective schools. The children look forward to being in the crèche. The crèche is open to the children of faculty members, staff and students.



Crèche at DAIICT



5.1.14 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

2015-16		
Sr. No.	Company Name	Total Offers
1	Amazon India Ltd	8
2	Practo Technologies Pvt Ltd	5
3	Morgan Stanley Advantage Pvt Ltd	6
4	Sprinklr Solutions Pvt Ltd	12
5	Endurance International Group	3
6	LinkedinTechnologies	1
7	Oracle India	9
8	Futures First Info Services	3
9	Grofers India ltd	3
10	Deloitte India	23
11	MAQ SoftwarePvt Ltd	10
12	Kuliza Technologies Pvt Ltd	11
13	Nagaro Softwares Pvt Ltd	7
14	Searce Logistics Analytics LLP	3
18	Opshub	7
19	Mu-Sigma Business Solutions Pvt Ltd	7
20	Tata Consultancy Services	52
21	OraclFinancialSystem Services	8
22	Sapient Nitro	5
23	Grit Innovation Pvt ltd	11
25	WITTB Technologies	9
27	Matrix Telecom and Security Solutions	1
28	Evive Software Analytics Pvt Ltd	6
29	Evolutionary System Pvt. Ltd	3
30	SAP LABS	6
31	HashedinTechnologies Pvt. Ltd	6



2015-16		
Sr. No.	Company Name	Total Offers
32	Tatvik Associates Pvt. Ltd	1
33	HSBC Software Development Pvt . Ltd	3
34	WIPRO Ltd.	4
35	Plexus MD	4
36	Juniper Networks Pvt. Ltd	6
37	Service Lee Technologies Pvt. Ltd(SERVIFY)	9
38	e-Infochips Pvt. Ltd	3
39	RT Camp Pvt. Ltd	2
41	Alma Connect	3
42	Helical India Pvt.Ltd	2
43	COVIAM Tech and Services Pvt Ltd	4
44	Avanika learning centre	1
45	Saba Software Pvt. Ltd	4
46	Samsung R& D	1
47	TCS-CTO	2
48	Kasrolikrish MNPR	1
49	Cognizant Technology Soutions Pvt. Ltd	3
50	Open Silicon	4

Placement Summary 2015-16	
Total Number of Students Placed	265
Total Number of Students Not Placed	36
Total Number of Registered Students	301



2016-17		
Sr. No.	Company Name	Total Offers
1	Zeus Learning	2
2	Allerin	3
3	Amazon India Ltd	13
4	Apttus	8
5	Bitmapper Technologies	3
6	Capillary Technologies	5
7	CommScope	2
8	Compusense Automation	4
9	Covium	5
10	CRD	1
11	Deloitte India	16
12	Directi Web Services Pvt. Ltd	4
13	DSC	1
14	E-Infochips	10
15	Endurance International	1
16	Etech Global Services	1
17	Evive Software Analytics Pvt. Ltd	7
18	Evolutionary System Pvt. Ltd	3
19	FactSet	12
20	Helical IT Solutions	2
21	HSBC Software Development Pvt. Ltd	7
22	Infocusp	10
23	Infosys	33
24	Innovaccer Analytics Pvt. Ltd	4
25	Investis Pvt. Ltd	3
26	Juniper Network Pvt. Ltd	9

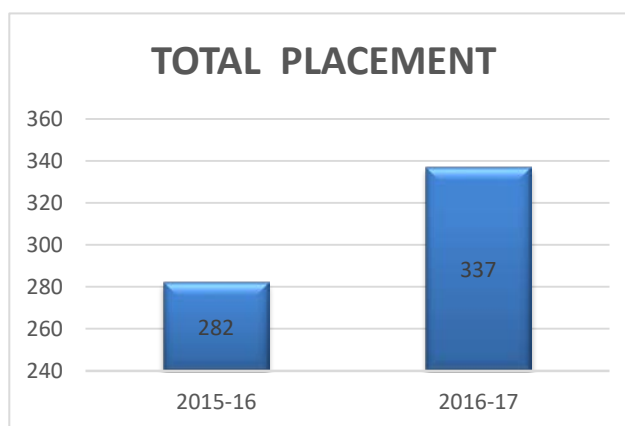


2016-17		
Sr. No.	Company Name	Total Offers
27	Kivi Technologies Pvt. Ltd	3
28	Knowarth Solutions	2
29	Kuliza Technologies Pvt. Ltd	8
30	L&TInfotech	1
31	Logistixian	1
32	MAQ Software	14
33	Multi Commodity Exchange Pvt. Ltd	2
34	Meditab	2
35	Morgan Stanley Advantage Services Pvt. Ltd	11
36	Nagarro Software	7
37	Oracl Financial System Services	6
38	Optimized SolutionsPvt. Ltd	2
39	Oracle Application Development	10
40	Phonon	3
41	PlexusMD	9
42	Qualcomm	12
43	RTCamp Pvt. Ltd	2
44	Saba Software Pvt. Ltd	6
47	SAP LABS	5
48	Sapient Nitro	13
49	Searce Logistics	10
50	Servify	6
51	SprinklR Solutions	16
52	Tata Consultancy System	1
53	TCS (CTO)	3
54	Teal Labs	3

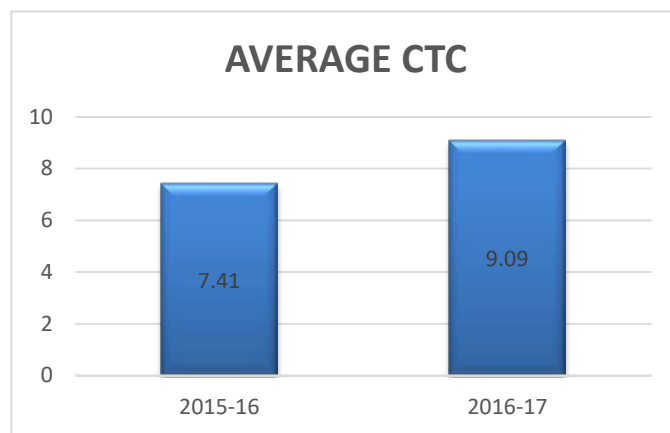
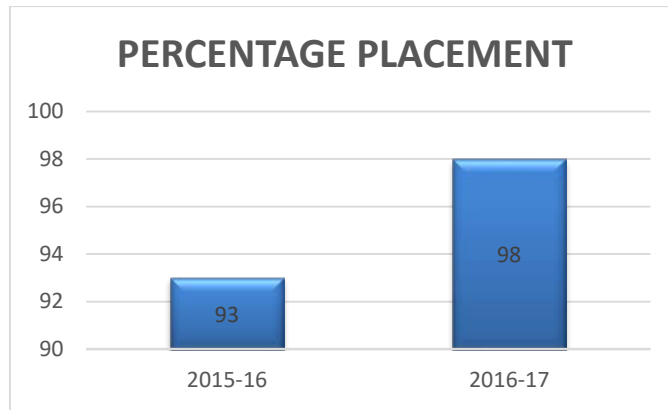


2016-17		
Sr. No.	Company Name	Total Offers
55	Verse	4
56	Works Application	1
57	Zapr Media Lab	2

Placement Summary 2016-17	
Total Number of Students Placed	337
Total Number of Students Not Placed	63
Total Number of Registered Students	400



Percentage of Students placed



5.2.1 What is the student strength of the university for the current academic year? Analyze the Programme-wise data and provide the trends for the last four years.

Programme		No. of students admitted	No. of students appeared in exams	No. of students passed	No. of students passed	No. of students awarded degree	No. of students dropped out
2015 year	BTech 2011 Batch	243	227	220	97	220	25
	MTech 2013 Batch	50	49	47	96	47	6
	MSc (IT) 2013 Batch	90	89	87	98	87	3
	MSc(ICT-ARD) 2013 Batch	10	10	10	100	10	-
	MDes 2013 Batch	7	7	7	100	7	-
	PhD	9	8	8	-	8	-
2016 year	BTech 2012 Batch	243	218	212	97	212	29
	MTech 2014 Batch	53	52	45	87	45	3
	MSc (IT) 2014 Batch	80	79	75	95	75	-
	MSc(ICT-ARD) 2014 Batch	6	5	5	100	5	1
	MDes 2014 Batch	6	6	6	100	6	-
	PhD	6	6	6	-	6	-



5.2.2 What is the programme-wise completion rate during the time span stipulated by the university?

Year	Programme	Appeared	Passed	Pass %
2015-16	BTech (ICT)	227	220	96.92
2015-16	Btech (Honours in ICT with Minor in Computational Science)	-	-	-
2015-16	Mtech (ICT)	49	47	95.92
2015-16	MSc (IT)	89	87	97.75
2015-16	MSc (ICT in ARD)	10	10	100
2015-16	Mdes (CD)	7	7	100

5.2.4 Provide category-wise details regarding the number of Ph.D./ D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/ rejected in the last four years.

Year	Programme	No. Of Theses	No. Of Theses Accepted
2014-15	PhD	8	8
2015-16		6	6

5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

Sports

Year	Name of Students	Names of Sports (Participated)	Medal(s) Won
2016-17	Volleyball team	Volleyball team	2 nd in the sports fest of GNLU, The Justice League
	Chess team	NIRMA's sports fest, VIBES	Champions
	KunalJani		1500m Men category Bronze medal
	Chess Team	PDPU's sports fest, PETROCUP	Silver medal
	Volleyball team	NIFT sports fest, Spectrum	Champions



Cultural

Year	Name of Students	Names of Activity (Participated)	Medal(s) Won
2016-17	Music club	BITS, Goa	Second runner-up in the Indian rock
	Kushan Joshi, Ankit Muchhala and Sahil Jain	Hackathon organized in NIT Surat	First prize in INOUT 2016

Academics

Year	Name of Students	Names of Activity (Participated)	Medal(s) Won
2016-17	Sumeet Varma, Kuldeep Patel, Yash Kumar (B.Tech)	ACM-ICPC world finals	Qualified
	Ms. Bhavika Bathiya (M.Tech)	ACM WiECON-ECE 2016	Best paper award
	Omkar Damle (B.Tech)	Viterbi-India Program	Shortlisted
	Ms Malvika Singh (B.Tech)	PennApps XV	Selected
	Mr. Nirmesh J. Shah (PhD)	ICASSP 2017, New Orleans USA	Awarded a travel grant of 1000 US dollars by IEEE
	Sumeet Varma and Tejasv Gupta (B.Tech)	Google Code Jam-2016	3rd and 7th position in India for the pre-final round
	Tejasv Gupta (B.Tech)	Google Distributed Code Jam-2016	398 rank worldwide
	Yashwant Keswani and Akshar Varma (B.Tech)	Student Parallel Programming Challenge supported by Intel and NVIDIA at 23rd International Conference on H PC, Data and Analytics (HiPC 2016)	Second place
	Keval Shah, Abhi Shah and Parshwa Shah (B.Tech)		Third place
	Henil Shah, Anurag Gupta, Saumya Bhadani and Prof. Bhaskar Chaudhury	23rd IEEE International Conference on H PC, Data and Analytics	Best Poster Award (SRS)



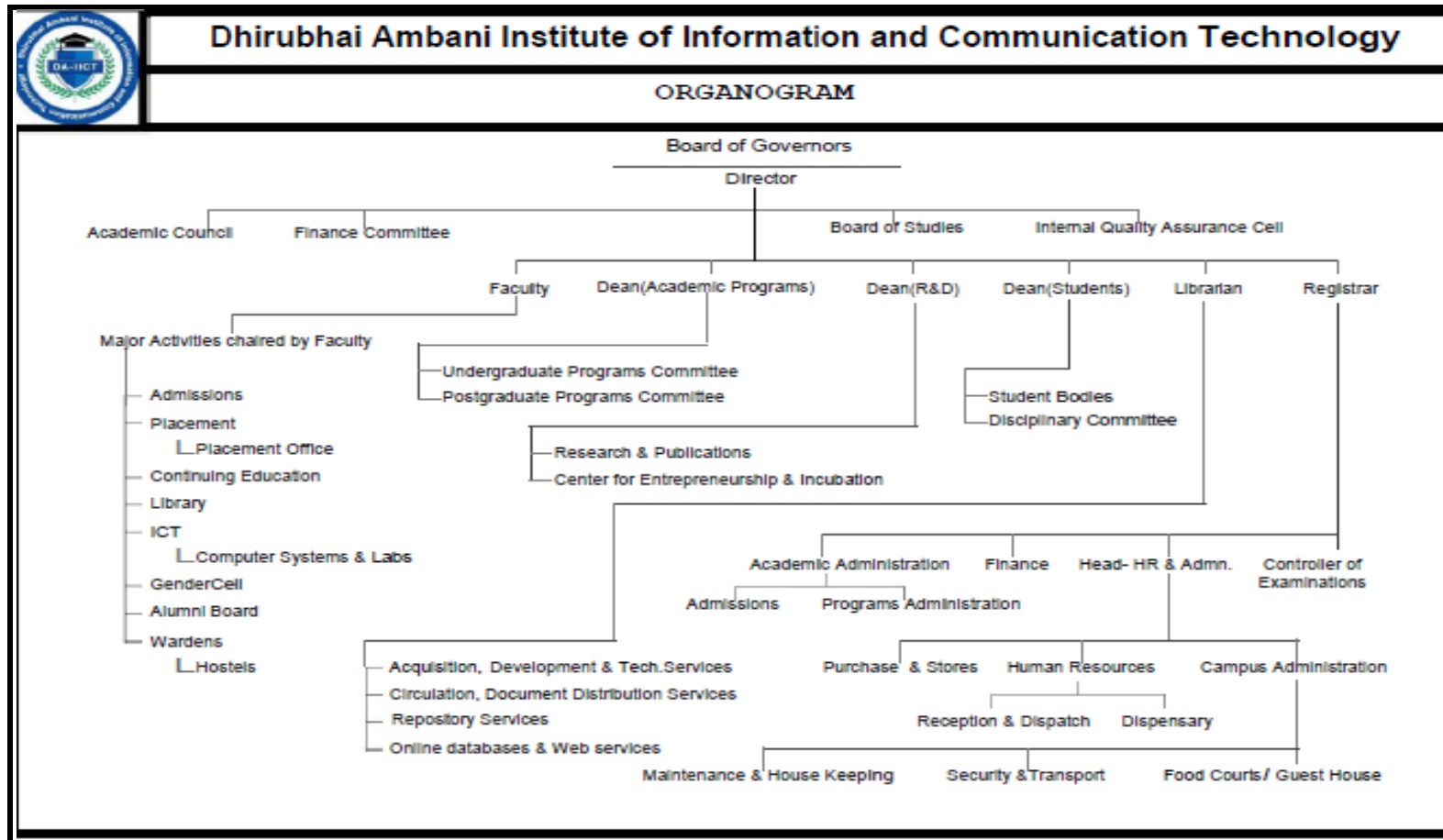
Year	Name of Students	Names of Activity (Participated)	Medal(s) Won
		(HiPC, 2016)	
	NidhiVyas from Information Retrieval Lab, DA-IICT	The Center for Language and Speech Processing, Johns Hopkins University	Offer for BTP
	SaritaAgrawal (PhD)	IEEE Advanced Networks and Telecommunications Systems (ANTS) 2016	'Best Paper Award (PhD Forum Track)'
	AashayBinaykia and Labdhi Shah	GNLU Debate 2016	British Parliamentary Debating competition in the Novice category
	Seven Students	Google	Google Summer Code





CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1.3 How is the leadership involved



CRITERION VII: INNOVATIONS AND BEST PRACTICES

7.2. Innovations

H. Title of the Project: Tuberculosis Eradication and Awareness

Name of the Investigators: Prof. Anil K. Roy, Abhishek Jani, Nishant Raval, Bhavik Bansali

Sponsoring Agency: TCS Digital Impact Square

Novelty in the project:

It would be an electronic pill dispensing device which would remind the patient to take the medicine daily and would also record the data if or not the patient has taken the medicine. In case the patient does not take the medicine, the device informs the hospital authority about it. The hospital then would like to contact the patient over phone to ensure the continuity. We expect some encouraging result by the year end of 2017.

It is an electronic pill-dispensing device with following features:



The device has an internal cabinet with 14 sections for scheduling medicines (the left most figure). The middle figure depicts a tamper proof locking system. And the LCD panel to set alarm and LED system is shown in the right figure.



There is a rotation drive, motor system to rotate the medicine dispensing system for taking out pills without unlocking it, as shown in the left figure. The central figure shows the position/tilt sensor to confirm whether or not the medicine has been taken out of the device. **GSM Communication module** to send alerts of tracking is depicted in the right figure.



For sending alerts, we needed an input signal from the basic device which should trigger our **controller**. This is tapped from the motor given in the left figure. The central figure is the photo of the controller that actuates an **RTC** (Real Time Clock) that keeps record of time and throws this data on set intervals. This controller has a **power support system** (right figure) that changes its status from sleep mode to wake up mode as programmed. Communication port sends **alerts** to our users: Patients, caretaker of the patient, doctor, Nashik Municipal Corp Commissioner, super admin of this project. All the above is maintained in a **Dashboard** on the server in form of the T-BEAD portal [Status: work on the Dashboard has been started and is expected to be complete by mid-term phase]

Index of success / Outreach: This project is expected to be a breakthrough in the Government of India's mission of eliminating TB by 2025. We have given our presentation to WHO officials of Maharashtra and it has been considered to be an outstanding boon for TB patients of India. It will strengthen the cause of 'Unite to End TB' campaign of WHO.

I. Title of the Project: Wearable thermometer and Vitals Measurement

Names of the investigators: Ankur Pokhara and Prof. Biswajit Mishra

Sponsoring Agency: DAIICT Seed Fund & DST-GUJCOST Gujarat

Novelty in the project:

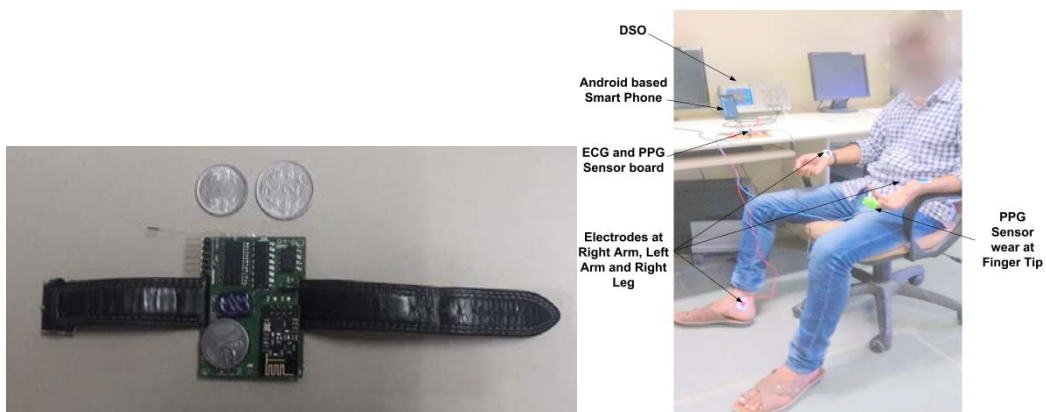
A wearable device is made that checks your body temperature every 34 seconds and beams the data to any android phone used for the purpose. The device is designed like a watch and can be worn on the wrist. The watch has a special clinical thermal sensor



that remains in constant touch with your skin. This replaces the need for attendants to monitor temperature.

The device is designed like a watch and can be worn on the wrist. The watch has a special clinical thermal sensor that remains in constant touch with your skin. Today, a change in body temperature can be linked to numerous health issues such as heart disease, obesity or diabetes and even fainting fits in children.

The thermo-sensor watch can even be extended to the dairy industry for monitoring livestock to check for signs of disease, besides its primary use in home-based clinical applications. The cost is almost one-fourth of similar technology available in the market. In hospitals, wearable temperature recording devices replace the need for attendants or caregivers to monitor temperature. In large dairy farms it becomes critical for the farmer to keep track of the body temperatures of their livestock, which influences milk production. Some of the new versions of the wearable intelligent thermometer are embedded with tiny solar cells so that the device attains energy autonomy. Right now the device just has a coin sized battery to power the wearable device, which does not need a replacement for a little above two years.



Index of success/outreach: We have had reasonable success with the wearable device both on the human beings and cattle. We have tested the device at a few health centers around Gandhinagar where the outliers have been a major challenge for the widespread adoption of the technology. However the wearable device on the cattle is proving out to be a useful device for the farmers with the feasibility carried out in collaboration with NDDDB and AAU, Anand.



7.3 Best Practices

Title of the Practice: Rural internship for the B.Tech students

A total of 43 NGOs participated in the rural internship program in 2016, with 31 of those in Gujarat. A total of 296 students signed up for these NGOs, again with a vast majority (188) opting for an NGO in Gujarat. Besides Gujarat, students went to work with NGOs in U.P., H.P., M.P., Rajasthan, Uttarakhand, A.P., and Maharashtra.

Students' work during 3.5 weeks in December can be roughly categorized as follows:

1. Child education and development: surveying the current state of Aanganwadi (pre-primary), primary and secondary level education in the village schools, helping the village educators improve the math and science teaching programs, inculcating better values and discipline (hygiene, staying away from vices and addiction, etc.) in the children, providing a basic training in using the computers to the school-going children, etc.
2. Agricultural and Dairy related initiatives: surveying the farmer's needs and complaints (e.g., water scarcity, scarcity of fertilizers), providing the information about good farming practices and scientific approach, surveying the animal husbandry in the villages, providing suggestions regarding how to use the technology to increase the efficiency of production, etc.
3. Women and children empowerment: participating in NGO-led programs for self-sustainability of women (by handicrafts, etc.), prevention of child labor and child abuse, surveying the women participating in Government based financial assistance schemes, their knowledge about the bank accounts, ATM and cashless transactions, etc.
4. Health based initiatives: survey of villagers about their BMI and susceptibility to Diabetes, survey of their hygiene and involvement in Swatchh Bharat campaign, survey of the use of the toilets provided by the Government and the NGOs, help in the daily activities of several hospitals run by some of the NGOs, etc.
5. Help to the disabled: two groups of students worked with two different NGOs that are doing excellent work in helping the physically and mentally disabled villagers



Title of the Practice: e-campus

Objectives:

1. To make online the examination paper submission system
2. To improve the online students' project management system
3. To construct a students' services portal system that handles all the service demands of the students

Context:

The purpose was to make as many systems online as possible so that the manual handling reduces. For exam papers, this ensures confidentiality. For project management, it makes it transparent and easily accessible to all the examiners. The portal also aims to make the paper based forms outdated. The students can apply for transcripts or gowns or identity cards online.

The practice:

When question papers are submitted manually, they pass through many hands. This at times causes delay and sometimes the quality of the hardcopy is not satisfactory for making copies. All these problems are easily solved when the system is made online. Also, it is easier to compile all the papers in a folder in a computer.

The system works as follows: Each faculty is given an online account. Auto generated password would be sent to the official email address to ensure full proof confidentiality. The faculty chooses the subject for which s/he wants to submit the question paper and upload it in .pdf or .doc format. The COE and that faculty member receive a notification confirming the submission of the paper.

The students' project management system was mainly catering to the B.Tech program. M.Tech needed phase wise submission and evaluation system that was not there till now. It has been made operative now. Similarly, MSc IT program was not served much by this system but now it is updated to include these students too.



The students' service portal is designed to improve the service delivery for the students. Students had to come physically to apply for a duplicate identity card or a transcript. Now the students can apply for these things from anywhere. The progress of the service also can be checked online. The portal is under construction at present.

Evidence of success:

Both the systems are working well and have reduced the manual work for the staff as well as faculty members. The need to go to each faculty member to collect the hard copy of the paper is gone. Filing of the papers has also become very easy due to this system. The students' project management would greatly help in enhancing the accessibility of student reports, check for plagiarism and systematic listing of all details of the student projects. Details of all the reports would be readily available for each batch. It would make it easier to look for previous years' reports for the MTech and MSc students.

Title of the Practice: DAIICT Centre for Entrepreneurship & Incubation

Objective:

To encourage the faculty and students of DAIICT to work on innovative projects which could lead to productisation and commercial viability.

Context:

The Government of India has launched Make in India, Digital India, Start-Up India schemes to encourage growth in various areas. For a University, the start-up schemes are of great relevance as many ideas germinate in the academic atmosphere. The incubation centre has been formulated to encourage such activities in the Institute and an attempt is made to reach out to faculty and students of other institutes too to take advantage of this scheme.

The practice:

The faculty can start a company by himself/herself or s/ he can develop a product that can be sold commercially (Israel model of innovation). The Centre evaluates the



proposals. It helps the faculty member to collaborate and negotiate with industrial partners. It gives guidance regarding how to get a license for the technology generated. It particularly encourages start-ups.

One of our faculty members has already started a company namely Corigby Private Limited. This company is developing a product which takes the idea of the user and connects him/her with different related resources on the web. The website acts like a guide that would help the idea generator to make the innovation reach a level where it could be meaningfully used. Till now, 10 companies have been generated from the funding of the incubation centre.

Recently the Centre also organized a patent awareness workshop to enhance entrepreneurship skills among students.

Evidence of success

Nine student initiatives and one faculty start-up have already been launched with the funding from this incubation centre. The Department of Science and Technology, DeitY, Industries Commissionerate, Govt. of Gujarat and Entrepreneur Development Institute are our partners in this initiative.

Title of the Practice: TEDx DAIICT

Objectives:

1. To invite leading local/regional thinkers and doers to speak
2. To make these talks available free online so that the knowledge and experience can spread world wide

Context:

TED is a world renowned organization that spreads good ideas through its talks. Most inspiring world leaders have appeared on TED talks. TED conferences are organized every year in Vancouver, Canada. To make this experiment even more inclusive, TED gives licence to local partners for independently organizing events, TEDx. The rules and regulations are given by TED, together with its name. The activities of the local



partner is monitored closely by them. However, the funding has to be organized by the local group itself. TEDx DAIICT is the student run chapter of the TED.



TEDx Team

The practice:

The first edition of TEDx DAIICT was organized on 21 February, 2016. In the spirit of TEDx, we invited the local leaders who are making a change in people's lives by their inspiring work. The speakers for the first edition of TEDx were as follows:

1. Himanshu Patel:

Himanshu Patel is the Sarpanch of Punsari – a village that has been declared a model village by both the state and the central government. Unlike other villages, this entire village is WiFi enabled and has street lights and a proper drainage system. In his talk Mr. Patel will talk about the dividends that come out when investments are made into villages.



2. Dr. Alka Parikh:

A speaker who needs no introduction to any of us. Alka ma'am is loved for her energy and dynamism. A part of academia for 16 years now, she has also taken up issues for



research that feed into current debates the poor's perspective, and stories from the grass root. Her TEDx DAIICT talk will be based on her indulgences with food security and poverty.

3. Dr. Manisha Shah:

Known as the "mother of football", Dr. Shah initiated Kahaani, a sports academy in Ahmedabad to nurture the idea of better health and an understanding of the importance of sports in our daily lives. She will be speaking about her journey with Kahaani and how it has impacted the lives of thousands of kids.



4. Jazz Sethi:

Jazz Sethi is a professional choreographer and performer from Ahmedabad. Along with dance, she founded HEAL, a non-profit initiative which works with children suffering from cancer or any other disease. The broad aspects of her talk would be her insights from the various challenges she had faced.

5. Kristin Kagetsu:

Kristin Kagetsu is the co-founder and chief executive officer of Saathi, a social enterprise dedicated to providing eco-friendly sanitary pads to women everywhere. She is currently an MIT DLabScaleUps Fellow and one of the Asia21 Young Leaders. Her main focus will be on her idea of pioneering a way forward as an agent of change.



6. Nitin Tailor:

Nitin Tailor founded the Serve Happiness Foundation where they organize youth inspirational programs and journeys to not only unravel the ethereal beauty of your country but importantly imbibe and spread the cultural values and the ensuing happiness onto our persona and the world at large. His talk will encapsulate the discoveries and learning from the Yatra.

Evidence of success:

The event was very much appreciated by all the stakeholders and TEDx has already approved a second edition for TEDx DAIICT. The speaker line up is being built up at present and the some funding has already been arranged for.

Problems encountered and resources required:

The problems are two fold: One, to raise funding resources. Two, to identify the local leaders who can “qualify” to become TEDx speakers. The quality of the speakers is of paramount importance for the success of the program and for retaining the licence from TED.





Statement of Compliance



Dhirubhai Ambani
Institute of Information and Communication Technology
Near Indroda Circle, Gandhinagar, Gujarat, India 382 007.
Tel: +91 79 3052 0000 | Fax: +91 79 3052 0010 | Web: www.daiict.ac.in

Prof. Nagaraj R.
Director

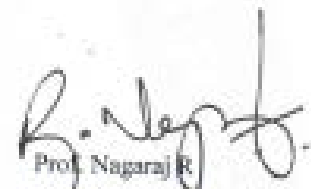
Statement of Compliance

This is to certify that Dhirubhai Ambani Institute of Information and Communication Technology, (DA-IICT), has complied with the provisions of the following regulations governing it:

- UGC (establishment of and Maintenance of Standards in Private Universities) Regulations, 2003 and further amendments, if any, notified by the UGC

Any false or misleading information provided by the Institution, will be viewed seriously by the NAAC and the Accreditation given is liable to be withdrawn.

Date: 27 March, 2017


Prof. Nagaraj R.
Dr. Nagaraj R.
Director
DA-IICT, Gandhinagar.



DECLARATION



Dhirubhai Ambani
Institute of Information and Communication Technology
Near Indroda Circle, Gandhinagar, Gujarat, India 382 007.
Tel.: +91 79 3052 0000 | Fax: +91 79 3052 0010 | Web: www.daict.ac.in

Prof. Nagaraj R.
Director

DECLARATION

I certify that the data included in this of Self-study Report Addendum 2017 are true to the best of my knowledge.

This Addendum is prepared by the Institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer Team will validate the information provided in this Addendum along with the Self Study Report 2015 during the Peer Team visit.

Date: 28 March, 2017

Place: Gandhinagar


Signature of the Head of the
Institute With seal

Dr. Nagaraj R.
Director
DA-IICT, Gandhinagar



Appendix – 1





23234351, 23232701, 23237721, 23234116
23235713, 23232317, 23236735, 23239437

UGC website-www.ugc.ac.in



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

No. F.9-18/2004 (CPP-I)

November, 2004

NOTIFICATION

30 NOV 2004

A university named as Dhirubhai Ambani Institute of Information and Communication Technology (Private University), Gandhinagar has been established by Act No. 6 of 2003 of State Government of Gujarat and notified through the State Gazette vide Notification No. VSP-2001-1-ITD dated 21-4-2003. The said university has been included in the list of universities maintained by the University Grants Commission under Section- 2 (f) of the UGC Act, 1956.

However, the above university is not eligible to receive any assistance from University Grants Commission and any other sources funded by the Government of India under Section 12 (B) of the UGC Act, 1956.

Sd/-
(Mrs. Urmil Gulati)
Under Secretary

Copy to:-

- ✓ The Vice-Chancellor, Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Post Bag No. 4, Near Indroda Circle, Gandhinagar-382 007 (Gujarat).
2. The Secretary, Government of India, Ministry of Human Resource Development, (Department of Secondary & Higher Education), Shastri Bhavan, New Delhi-110 001.
3. The Principal Secretary to the Governor of Gujarat, Raj Bhavan, Gandhinagar.
4. The Secretary General, Association of Indian Universities, 16 Kotla Marg, New Delhi-110 002.
5. Director, (NAAC) National Assessment and Accreditation Council (NAAC), Bangalore-560 010.
6. The Director, Medical Council of India, Kotla Road, New Delhi-110 002.
7. The Secretary, Union Public Service Commission, Shahajahan Road, New Delhi-110 001.
8. The Joint Secretary, (SU), UGC, New Delhi.
9. Senior Statistical Officer, UGC, 35, Ferozshah Road, New Delhi-110 001.
10. JSO (web-site), UGC, New Delhi.
11. Section Officer (Meeting Section), UGC, New Delhi
12. All Regional Offices, UGC.
13. All Section of the UGC, New Delhi.
14. D.T.P. Cell, UGC, New Delhi.
15. Guard file.
16. F.9- 4/2004 (CPP-I)

Urmil Gulati
(Mrs. Urmil Gulati)
Under Secretary



Dhirubhai Ambani
Institute of Information and Communication Technology



UGC Website : www.ugc.ac.in



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

F.1-12(1)/2004(M&E)

October, 2004

Principal Secretary & Commissioner
Department of Higher Education
Government of Gujarat
7th Floor, Sachivalaya,
Gandhinagar-382 010

11 OCT 2004

Subject: Inspection Reports in respect of Nirma University of Science & Technology, Ahmedabad & Dhirubhai Ambani Institute of Information & Communication Technology Gandhinagar established in the State of Gujarat.

Sir,

I am directed to inform you that the Commission has conducted Inspection of Nirma University of Science & Technology, Ahmedabad & Dhirubhai Ambani Institute of Information & Communication Technology Gandhinagar established in your State in terms of UGC (Establishment & Maintenance of Standards of Private Universities) Regulations 2003. I am enclosing herewith a copy of the Inspection Reports submitted by the Inspection Committee constituted by the Commission for Inspection of the said University for your information and further necessary action.

Yours faithfully,

(R.K. Chauhan)
Additional Secretary

- Copy to
1. Vice-Chancellor, Nirma University of Science & Technology, Sarkhej, Gandhinagar Highway, Ahmedabad-382481 along with a copy of Inspection Report for information and necessary action.
 2. ✓ Vice-Chancellor, Dhirubhai Ambani Institute of Information & Communication Technology, Near Indroda Circle, Gandhinagar-382 007, Gujarat along with a copy of Inspection Report for information and necessary action.

(R.K. Chauhan)
Additional Secretary

The Director has seen it

Vicam



Dhirubhai Ambani
Institute of Information and Communication Technology

UNIVERSITY GRANTS COMMISSION, NEW DELHI

**Report of the Inspection Committee on its visit to Dhirubhai Ambani Institute of
Information and Communication Technology, Gandhinagar, Gujarat (a private
University) on August 21, 2004.**

1. INTRODUCTION

The University Grants Commission had constituted an Inspection Committee as per the following composition to visit Dhirubhai Ambani Institute of Information and Communication Technology, a private University established at Gandhinagar (Gujarat for the purpose of ascertaining the availability of physical and academic infrastructure at the University (Ref. F No. 1-1/2004 (DS-Admn) of 10th August, 2004)

Prof. B.S Sonde Former VC, Goa University	Convenor
---	----------

Prof., JV Prabhakara Rao Dept. of Management Andhra University, Visakhapatnam	Member
--	--------

Prof. Kapil Kapoor Dept. of English, Jawaharlal Nehru University, New Delhi	Member
--	--------

Dr. Tilak R. Kem Additional Secretary, University Grants Commission, New Delhi	Member Secretary
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The Committee visited Dhirubhai Ambani Institute of Information and Communication (DA-IICT) Gandhinagar on August 21, 2004, as per the program suggested by UGC. All the members of the Committee were present during the day long visit, which commenced at the University campus at 1000 hrs. Prior to proceeding to the University Campus, the Committee had its internal meeting at the place of stay to discuss the procedure to be followed, identify the items to be specifically looked into and consider the steps necessary for validation of the UGC-Proforma filled in and submitted by DA-IICT.

On arrival at the campus, the Committee was received by Prof. Arvind Kudchadker, Director, Shri Anil Dua, Executive Registrar, Prof. V.P. Sinha, Dean (Academic Programs) and other senior faculty members of the Institute. The

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Page 1 of 1



Committee visited the infrastructure built-up by DA-IICT in the University campus including Library, Computer Center, Faculty Offices, Laboratories, Class-rooms, Students' hostels, cafeteria, Cultural Center and other support facilities and also had brief interaction with the faculty members. This was followed by a formal meeting with the Director, Registrar, Dean, Coordinators of UG/PG/Special programmes at the Institute, at which Shri K.V. Subramaniam, Sr. Executive Vice President, Reliance Industries (Member, Governing Board) was also present. After a brief introduction, the Director welcomed the Committee. This was followed by detailed presentations on DA-IICT by Shri Subramaniam and Prof. Kudchadker. In the discussion session that followed, the Convener and Members of Committee sought and obtained clarifications on many items from the Proforma submitted, the presentations made and the visits to various facilities conducted earlier. The Committee also had its final internal meeting at the end. This has enabled the committee to prepare this Report.

The Report is divided into Five Sections. Following this introduction, major provisions in the Act of DA-IICT (Gujarat Act No.6 of 2003, notified in the Gujarat Government Gazette Extraordinary on April 23, 2003) are compared with those in the UGC (Establishment and Maintenance of Standards in Private Universities) Regulations, 2003 which came later. This is followed by the Inspection Report in Section 3. An Overall Analysis is then presented in Section 4, followed by the Recommendations of the Committee in the last Section. The Proforma submitted by DA-IICT is appended to this Report.

DA-IICT ACT COMPARED WITH UGC REGULATIONS

The DA-IICT was established w.e.f. May, 2003 under on the DA-IICT Act, referred to above. This Act has many features similar to other well-established Universities in the country and also those in the UGC Regulations referred to earlier. In particular, this Act has:

- i) clear laid down 'Objects';
- ii) 'Powers and Functions' well defined;
- iii) 'Authorities', 'Officers', as per established practice;
- iv) Some provision for associating with the State Government, UGC and other Statutory Authorities;
- v) Powers for framing 'Regulations',

However, there are a few differences between the provisions of this Act and the UGC Regulations (2003) relating to Private Universities, as follows:

- a) As per the Act (Clause 4(iv), the Objects of the University include : "To develop patterns of teaching and training at various levels of educational accomplishment, so as to set a high standard of Information and Communication Technology education and its applications". But, as per UGC Regulations (Clause 3.6), the programmes of study leading to a Degree and/or

| 1 1 1 1 1

Page 2 of 2



PG Degree/Diploma offered by a private University shall conform to the relevant regulations/norms of the UGC or the concerned Statutory Body as amended from time to time.

The Institute offers some Degrees with nomenclatures not in conformity with UGC specifications, viz. PG Degrees like MS (IT), MS (IT in Agriculture) and M.Des, which do not figure in UGC approved list. Further, the curricula of some programmes are somewhat different from the standard curricula of AICTE. This has been brought to the attention of the functionaries of the Institute, for being given due consideration, though the DA-IICT did have a rationale for the differences.

- b) The University Act is silent on the jurisdiction of the University. But, UGC Regulations clearly spell out (clause 3.3) that a private University established under a State Act shall operate ordinarily within the State boundary. However, DA-IICT is presently working within the boundaries of the State of Gujarat only, as clarified by the Institute.
- c) There is a requirement as per UGC regulations (Clause 3.4), that a private University shall fulfill the minimum criteria in terms of programmes, faculty, infrastructural facilities financial viability etc, as laid down by the UGC, AICTE and other Statutory Bodies. But, in the DA-IICT Act, there does not seem to be any provision for this. However, the DA-IICT Act (Clause 29) has provision for furnishing Returns and Information to UGC and other Statutory Authorities, when called for. The Institute is aware of this and has agreed to take suitable steps to correct this.
- d) The UGC regulations (clause 3.6) require that the programmes of study offered by private University shall conform to the relevant regulations of UGC or the concerned Statutory Body. But, there is no provision for this in the DA-IICT Act.
- e) The admission of students and fixation of fees shall be as per the norms/guidelines prescribed by UGC and concerned Statutory Body (Clause 3.9 UGC Guidelines). But, there is no provision for this. The Institute is also aware of this and is prepared to go along with the UGC guidelines.

INSPECTION REPORT

The following Inspection Report has been prepared by the Institution, Committee after carefully perusing the filled-in proforma submitted by DA-IICT, UGC Regulations (2003) relating to private Universities, DA-IICT Act 2003) and on-site visit to DA-IICT campus for validation of the Proforma by discussing with a cross section of its stake holders.



Page 3 of 3



1. **Name of the University:**

Dhirubhai Ambani Institute of Information and Communication
Technology, Gandhinagar 382 007 (Gujarat)

2. **Date of Visit:**

August 21, 2004

3. **Registered Office :**

Near Indroda Circle, Gandhinagar 382 007 (Gujarat)

4.a. **Name and Headquarters of the Society/Promoting Agency:**

Dhirubhai Ambani Institute of Information and Communication
Technology Society (same address as above)

4.b. **Whether the agency is involved in promoting/running and other
University/ institution? If yes, details :**

No

5. **Claimed Territorial Jurisdiction**

The State of Gujarat

6. **Programme permitted to be offered by gazette notification of Govt. of
Gujarat and its reference:**

UG, PG and Research Programmes in Information and Communication
Technology, as per Gujarat Act No.6 of 2003, Gazetted on March 6, 2003

7.a. **Whether all documents requested by the inspection team provided:**

Yes

7.b. **If no, what are the deficit documents (List to be enclosed):**

Not applicable

8. **Physical verification of administrative infrastructure:**

1/1/1/1/1

Page 4 of 4



Satisfactory, as per the details given under item 16 of the UGC Proforma Submitted by DA-IICT

- 8.a. **Whether administrative authorities like Governing Council, Academic Council and BOS formed and minutes of their meeting produced?**

Yes, details provided under Item 13, of the UGC Proforma submitted by DA-IICT; Minutes of meeting of BOG, AC and FC shown' BOS yet being formalized. (3)

- 8.b. **Whether V.C. Registrar, FO and Administrative Officers appointed? If yes, whether they were physically present during inspection?**

Yes; Director (=VC) Executive Registrar, Dean were present

- 8.c. **List of authorized University Officers present during the UGC Committee Inspection:**

Yes, as above

- 8.d. **Administrative Office details like approx. total plinth area, separate offices for V.C., Registrar, Administrative Office, Committee Room, Reception cum students waiting room, etc.**

Plinth areas of all buildings given in detail under item 16 of UGC Proforma submitted by DA-IICT; All buildings planned aesthetically/elegantly and well constructed; All the facilities required for the smooth functioning of the Institution provided on the campus;

- 8.e. **Whether office equipments like Computer(s), Telephone/Fax, Xerox machines available.**

Yes, in adequate numbers;

9. **Physical verification of Academic Infrastructure:**

The Committee is satisfied at the adequacy, quality and standard of this infrastructure

- 9.a. **Corpus of the society shown to the inspection team.**

Yes

- (i) **Land documents, if shown, extent of land registered in the name of the University and its location in Gujarat.**

11111

Page 5 of 5



Yes, 50 acres; copy of land allotment documents and registration document enclosed to the UGC Proforma submitted; verified and found satisfactory.

(ii) **Deposits made in the name of Society/University, separately or jointly with State authorities:**

Rs. 5 Crore, as required in the DA-IICT Act; Receipt shown to the Committee;

9.b. **Buildings shown to house the University and their plinth area :**

(i) **Permanent**

Satisfactory, as per the details given under item 16, All buildings permanent and located in the campus

(ii) **Temporary/Leased Property:**

NIL

9.c. **Whether Library available? If available, details:**

Yes, well furnished in adequate space. Books, Journals provided, as per details given under item 16 (iii) in Proforma

9.d. **Whether Classrooms and Laboratories available? If available, details:**

Yes, well furnished; adequate size, details under Item 16(i) in Proforma

9.e. **Whether Teaching Staff appointed? If yes, details to be enclosed.**

Yes, well qualified faculty and teaching assistants; details given under item 18 of Proforma

9.f. **Whether technical and non-teaching staff appointed? If yes, details to be enclosed.**

Yes, in adequate number; Details given under 19 of Proforma

10.a. **Whether students already admitted?**

Yes



Page 6 of 6



10.b. **If yes, break-up details of Courses as against the number of students admitted in each course.**

Admission for B.Tech made in 2001-02; for M.Tech, Ph.D and other programmes since 2002. Details under item 20 of Proforma

10.c. **Any Off-Campus or Study Center or admission center established outside Gujarat State?**

No

11. **Overall remarks / Observations:**

The Institution has built-up an excellent physical infrastructure in a short time and already set up all the academic facilities required for a well focused field, viz. ICT. Competent and well qualified Faculty members have been appointed and they are supported by Teaching Assistants and technological facilities to enhance the teaching-learning process. Students from all over India have been admitted through national level test of EdCIL/MHRD (AIEEE) and the quality of students admitted is of a high order. The Institute has been emphasizing high quality in all its work, particularly in imparting technical education and research and is working hard to reach a leadership position in the field of ICT not only in India, but also globally.

4. **OVERALL ANALYSIS**

The Inspection Committee has noted that DA-IICT has developed well in a short time about three years. While the University has been recognized by the State Government only in May 2003, the Institute was set up in the year 2001 and students admissions were made for B.Tech from the same year and for M.Tech/MS(IT)/Ph.D from 2002 onwards. But the Institute does not seem to have obtained AICTE approval or affiliation of Gujarat University until the grant of private University status. However, DA-IICT seems to have organized its academic programmes and examination as per the prevailing practice in AICTE approved/affiliated institutions from the beginning and firmed up the same after receiving the University status in May 2003.

The Institute has been managed well and its physical infrastructure has been keeping place with the expectations of the growing students' strength, which is now about 1200. The first batches of M.Tech (ICT), MS(IT) and MS (IT-A) have now completed their academic requirements for the award of respective Degrees by the Institute. The Institute is well equipped, staffed by well-qualified forward looking faculty members (although their number is rather low, students: faculty ratio being 27:1). And they are well supported by Teaching Assistants and educational aids. The Institute lays considerable emphasis on industrial

Page 7 of 7



interaction, consultancy and R&D among its Faculty members. As a result, talented, merited students are keen to join the programmes at DA-IICT.

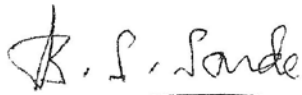
However, the Institute has a few differences between its Act and the UGC Regulations 2003, as brought out in Sections 2 and 3. The Committee has brought these to the attention of the Director and other Functionaries of the Institute, for which they have agreed to give due consideration at an early date. The Institute has also agreed to comply with the UGC Regulations and communicate the same to UGC soon.

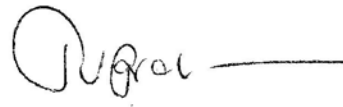
5. RECOMMENDATIONS

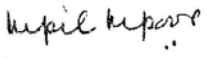
It has been a pleasure for the Inspection Committee to visit DA-IICT and familiarize itself with its programmes and activities. In a short time, DA-IICT has developed into a fine institution and already attracting talented students and is competent faculty members as well as respect and admiration of the society.

The Committee is pleased to recommend that DA-IICT be considered for recognition under Section 2f of the UGC Act (1956). The Committee also wishes the Institute all success in the future endeavour.

Gandhinagar
August 21, 2004.


(Prof. B.S. Sonde)
Convener


(Prof. J.V. Prabhakara Rao)
Member


(Prof. Kapil Kapoor)
Member


(Dr. Tilak R. Kem)
Member Secretary



07 March 2011

Mrs. Shashi Bala Arora,
 Under Secretary,
 University Grants Commission,
 Bahadurshah Zafar Marg,
 New Delhi - 110 002

Subject: To send the compliance report in respect of the observations/suggestion given by the UGC Expert Committee.

Dear Madam,

Please refer to your letter no. F.8-24/2010(CPP-I/PU) dated 01 February 2011 on the above mentioned subject. In this connection this is to inform you that our university has taken necessary steps to comply the observations of the UGC inspection committee as under:

Observation by the Inspection Committee	Compliance
Nomenclatures of some PG programs are not in conformity with UGC Specification.	In order to conform with UGC specification, DA-IICT has change the nomenclatures of following programs MS (IT) renamed as M Sc (IT) MS (IT in Agriculture) renamed as M Sc (ICT in Agriculture and Rural Development)
DA-IICT Act does not have specific provision which indicates that the University shall conform to the regulations of UGC or the concerned Statutory body in respect of programs of study, admission and fixation of fees.	DA-IICT strictly follows the directives of UGC and the concerned statutory bodies in the matters pertaining to programs of study, admissions and fixation of fees.
BOS yet being formalized.	In place of BOS, the Under Graduate Committee (UGC) and Post Graduate Committee (PGC) are formed to look after the BOS related work for under graduate and post graduate programs respectively. The committees receive direction from Academic Council to take care of the functions of BOS.

This is for your kind information and necessary action please.

Thanking you,

Yours Sincerely,


 Jigar Yagnik



Appendix – 2





एन.एन.एन.एन.

डॉ. मंजु सिंह
संयुक्त सचिव

Dr. Manju Singh
Joint Secretary



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग

University Grants Commission

(एन.एन.एन.एन. सचिवालय, नया दिल्ली)

(Ministry of Human Resource Development, Govt. of India)

संयुक्त सचिव कार्यालय, नई दिल्ली-110002

Behradar Shah Jaha Marg, New Delhi-110002

दूरभाष : नयाँ दिल्ली 011-23338876

Fax : 011-23332297 E-mail : manjusingh.ugc@nic.in

SPEED POST

D.O. No.F.9-18/2004 (GPP-I/PU)

June, 2016

Dear Sir,

In accordance with clause 4 of UGC (Establishment of and Maintenance of Standards in Private Universities) Regulations, 2003, the UGC has constituted the following Expert Committee to visit the University to have on the spot assessment of fulfilment of criteria in terms of programmes, faculty, infrastructural facilities, financial viability, etc. as laid down from time to time by the UGC and other concerned statutory bodies:-

- | | | |
|----|---|-----------------------|
| 1. | Prof. Partha Pratim Chakrabarti
Fellow, Indian Academy of Sciences & Indian national Science Academy
Director,
Indian Institute of Technology,
Kharagpur. | Chairman |
| 2. | Prof. Rajbir Singh
Director,
Consortium for Educational Communication,
IUAC (NSC) Campus,
Aruna Assaf Ali Marg,
New Delhi- 110 067. | Member |
| 3. | Prof. Anurag Kumar
Fellow,
Indian Academy of Sciences & Indian national Science Academy
ECE Department,
Indian Institute of Science,
Bangalore- 560 012. | Member |
| 4. | Dr. (Ms.) Santosh Satya
Centre for Rural Development and Technology,
Indian Institute of Technology
New Delhi – 110 016. | Member |
| 5. | Nominee of AICTE | |
| 6. | Dr. Manju Singh
Joint Secretary, UGC, New Delhi | Co-ordinating Officer |

Contd.p...2/-



from pre-page

-2-

The dates of the visit of the Expert Committee would be fixed by the Member Secretary in consultation with the members of the Committee. The Committee would assess whether the University is fulfilling the criteria in terms of programmes, faculty, infrastructural facilities, financial viability, etc. as laid down from time to time by the UGC and other concerned statutory bodies. The Committee may also ask for any other information as it may deem fit to assess the facilities available with the University.

You are requested to kindly make necessary arrangement for the visit of the UGC Expert Committee and send a copy of the information (in the prescribed format and appendices) as submitted to the UGC and posted on the University website to the members of the Committee immediately for their perusal. TA / DA / Honorarium and hospitality to the Committee members will be provided by the university as per UGC TA/DA Rules (copy enclosed). Kindly inform the name, address, phone no., fax no. and e-mail of the coordinator for the visit to the Member Secretary and the undersigned so that the same could be informed to the members. You may approach the Member Secretary of the Committee and undersigned for further information with regard to the visit.

With kind regards,

Yours sincerely,


(MANJU SINGH)

The Registrar

Dhirubhai Ambani Institute of
Information and Communication Technology (Private University),
Nr. Indroda Circle,
Gandhinagar-382007 (Gujarat)

Encl.: As above.



S.No-17 (1st copy)

Ph. 23236351, 23232701, 23237721, 23234116

www.ugc.ac.in



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

SPEED-POST

No. F. 9-18/2004 (CPP-I/PU)

June, 2015

**The Executive Registrar,
Dhirubhai Ambani Institute of
Information and Communication Technology,
Near Indroda Circle, Gandhinagar-382007,
Gujarat.**

01 JUL 2015

Sub: - Granting 12(B) status.

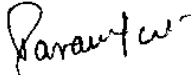
Sir,

This has reference to your letter dated 17.04.2015 and 15.06.2015 regarding granting 12(B) status to Dhirubhai Ambani Institute of Information and Communication Technology, Near Indroda Circle, Gandhinagar, Gujarat.

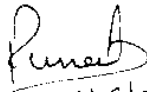
The University was requested to submit compliance in respect of the observations/suggestions given by the UGC Expert Committee vide UGC letter No. F. 9-18/2004(CPP-I/PU) dated 08.05.2013 (Copy enclosed) but no response has been received so far.

You are requested to kindly submit Compliance report in respect of the observations/suggestions given by the UGC Expert Committee. The proposal for 12(B) status would be considered only after the compliance submitted by the University is accepted by the Commission.

Yours faithfully,


(Paramjeet)
Under Secretary (CPP-I)

o/c


26/6/2015



Dhirubhai Ambani
Institute of Information and Communication Technology

Appendix – 3





प्रो. बीना शाह
महासचिव

Prof. Beena Shah
M.Sc., M.Ed., Ph.D
Secretary General



भारतीय विश्वविद्यालय संघ

ए० आइ० यू० हाउस, 16, कौमरेड इंद्रजीत गुप्ता मार्ग, नई दिल्ली-110 002

ASSOCIATION OF INDIAN UNIVERSITIES

AIU HOUSE, 16, Comrade Indrajit Gupta Marg, New Delhi 110 002

Meet/84-AM/2009/289139-73
10/12/2009


Dear Prof. Sahasrabudhe,

It is my pleasure to inform you that the General Body of the Association at its 84th Annual Meeting has approved the provisional membership to your University, and resolved to grant the same with effect from 14/11/2009.

The General Body approved charging Rs.1,50,000/- annual membership and Rs.10,000/- as processing fee (one time), you are, therefore, requested to send the balance amount of Rs.1,10,000/- at an early date to enable us to send the membership certificate and other relevant documents.

With regards,

Yours sincerely,


(Prof. Beena Shah)

Prof. S. C. Sahasrabudhe
Director
Dhirubhai Ambani Institute of Information and Communication Technology
Near Indroda Circle
Gandhinagar 382 007
Gujarat (India)



Dhirubhai Ambani
Institute of Information and Communication Technology



Appendix - 4





Form No. 10BB

[See rule 16CC]

Audit report under section 10(23C) of the Income-tax Act, 1961, in the case of any fund or trust or institution or any university or other educational institution or any hospital or other medical institution referred to in sub-clause (iv) or sub-clause (v) or sub-clause (vi) or sub-clause (via) of section 10(23C)

- (i) We have examined the Balance Sheet as at 31st March, 2016 and the Income and Expenditure for the year ended on that date attached herewith of **Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)**.
- (ii) We certify that the Balance Sheet and the Income and Expenditure Account are in agreement with the books of account maintained by the head office at Nr. Indroda Circle, Gandhinagar
- (iii) Subject to comments below
- a) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of the audit.
- b) In our opinion, proper books of account have been kept by the head office of the above-named University so far as appears from our examination of the books of account.
- c) In our opinion and to the best of our information and according to the information given to us, the said accounts read with notes thereon, if any, give a true and fair view -
- (1) In the case of the Balance Sheet, of the state of affairs of the above-named University as at 31st March, 2016 and
- (2) In the case of Income and Expenditure Account, surplus for the year ended on that date.

The prescribed particulars are annexed herewith:

Place: Mumbai
Date : 30/9/16



For Pathak H.D.& Associates
Chartered Accountants
Firm Registration No.107783W


Mukesh Mehta
Partner
Membership No. 043495



Dhirubhai Ambani
Institute of Information and Communication Technology

**DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION
TECHNOLOGY**

ANNEXURE

Statement of particulars

PART A — GENERAL

1.	Name of the found or trust or institution or any university or other educational institution or any hospital or other medical institution.	The Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)
2.	Address	Nr. Indroda Circle, Gandhinagar.
3.	Permanent Account Number	AAAJT1203A
4.	Assessment Year	2016-2017
5.	Sub-clause of section 10(23C) under which the fond or trust or institution or any university or other educational institution or any hospital or other medical institution is seeking exemption.	10(23C)(vi) As per order No. cc-iv/ABD/10(23C) Cell/10(23C)(vi)/DA-IICT(2)/2008-09 Dt.30/03/2009
6.	Number and date of notification/approval of the fund or trust or institution or any university or other educational institution or any hospital or other medical institution.	G/GNR/128 21/04/2003 (Copy already filed earlier)

**PART B — APPLICATION OF INCOME FOR CHARITABLE OR RELIGIOUS OR EDUCATIONAL OR
PHILANTHROPIC PURPOSES**

7.	Nature of charitable/religious/educational/philan-thropic activity [as referred to in sub-clause (iv), (v), (vi) or (via) of section 10(23C)]	Educational University as per Notification No. 6 of 2003of State Government of Gujarat of dt. 21/04/03
8.	Total income of the previous year of the fund or trust or institution or any university or other educational institution or any hospital or other medical institution	Rs. 24,92,59,825/-
9.	Amount of income of the previous year applied during the year wholly and exclusively to the objects for which it is established.	Rs. 22,98,53,624/-
10.	Amount of income of the previous year accumulated for application, wholly and exclusively, to the objects for which it is established, to the extent it does not exceed 15% of income of that year.	Rs.1,94,06,201/-
11.	Amount of income, exceeding 15% of income of the year, accumulated in accordance with clause (a) of the third proviso to section 10(23C).	Nil
12.	(a) Whether, during the previous year, any part of the income, not exceeding 15% of income accumulated in any earlier year, was applied for purposes other than to the objects for which it is established or has ceased to be accumulated for application thereto?	No
	(b) If the answer to (a) above is 'yes', then give details of income so applied or ceased to be so accumulated	Not Applicable



**DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION
TECHNOLOGY**

13.	(a)	Whether, during the previous year, any part of the income of any earlier year exceeding 15% of the income, that was accumulated in accordance with clause (a) of the third proviso to section 10(23C) in that year, was applied for purposes other than to the objects for which it is established or has ceased to be accumulated for application thereto?	No
	(b)	If the answer to (a) above is 'yes', then give details of income so applied or ceased to be so accumulated	Not Applicable
14.	(a)	Whether, during the previous year, any part of the income of any earlier year exceeding 15% of the income, that was accumulated in accordance with clause (a) of the third proviso to section 10(23C) in that year, was not utilised for purposes for which it was accumulated during the period for which it was to be accumulated?	No
	(b)	If the answer to (a) above is 'yes', then give details thereof, together with amount of income not so utilised.	Not Applicable

PART C — OTHER INFORMATION

15.	(a)	Whether any funds, other than the assets or voluntary contributions referred to in clause (b) of the third proviso to section 10(23C), were invested or deposited for any period during the previous year, otherwise than in the forms and modes specified in sub-section (5) of section 11.	No
	(b)	If the answer to (a) above is 'yes', then give details as under:	

Sr. No.	Nature of investment or deposit	Amount invested or deposited	Period of investment or deposit
		Not Applicable	

16.	In relation to any income being profits and gains of business		
(a)	whether the business was incidental to the attainment of the objectives of the fund or trust or institution or university or other educational institution or hospital or other medical institution?		The Institute has not carried out business activities hence not applicable.
(b)	whether separate books of account were maintained in respect of such business?		Not Applicable
(c)	if the answer to (a) and/or (b) above is 'no', then state the amount of such income.		Not Applicable
17.	(a)	Whether during the previous year, any part of the accumulated income was paid or credited to any trust	



**DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION
TECHNOLOGY**

		or institution registered under section 12AA or to any fund or trust or institution or any university or other educational institution or any hospital or other medical institution referred to in sub-clause (iv) or sub-clause (v) or sub-clause (vi) or sub-clause (via) of clause (23C) of section 10?	Not Applicable
	(b)	If the answer to (a) above is 'yes', then give details thereof, together with the amount of income so paid or credited.	Not Applicable
18.	(a)	Whether any voluntary contribution, other than voluntary contribution in cash or voluntary contribution of the nature referred to in clause (b) of the third proviso to section 10(23C), was held during the previous year, otherwise than in any of the forms or modes specified in sub-section (5) of section 11, after the expiry of one year from the end of the previous year in which such voluntary contribution was received?	No
	(b)	If the answer to (a) above is 'yes', then give details thereof, including the amount of such voluntary contribution.	Nil
19.	(a)	Whether any anonymous donation referred to in section 115BBC was received during the year? (See notes 2 and 3)	No
	(b)	If the answer to (a) above is 'yes', then state the amount of such anonymous donation.	Not Applicable



For Pathak H.D. & Associates
Chartered Accountants
Firm Registration No. 107783W

Mukesh Mehta
Mukesh Mehta

Partner
Membership No. 043495

Place: Mumbai
Date: 30/9/16

Notes: 1. Strike out whichever is not applicable.

2. This item is not applicable to any anonymous donation received by—

- (a) any trust or institution created or established wholly for religious purposes;
- (b) any trust or institution created or established wholly for religious and charitable purposes other than any anonymous donation made with a specific direction that such donation is for any university or other educational institution or any hospital or other medical institution run by such trust or institution.

3. This item is applicable for assessment year 2008-09 and subsequent assessment years.



Dhirubhai Ambani
Institute of Information and Communication Technology

**Address of Trust's Office: Post Bag No. 4, Near Indroda Circle, Gandhinagar, Gujarat- India (382009)
Balance Sheet as at 31st March, 2016**

Bank Account Number relating to transaction of Foreign Contribution :016501014823 F.C.R.A. No. 041920014 Date 01.03.2006
Bank Address: ICICI Bank Ltd , Plot No : 315, Sector : 16 ,Near Gh-4 Circle,Gandhinagar -382016,Gujarat

As at 31.03.2016 Rupees	FUNDS AND LIABILITIES	As at 31.03.2016 Rupees	As at 31.03.2015 Rupees	PROPERTY AND ASSETS	As at 31.03.2016 Rupees
50,000,000.00	Permanent Endowment Fund	50,000,000.00		<u>Immovable Properties :</u>	
			52,896,679.27	<u>Fixed Assets :</u>	62,706,893.84
38493204.00	<u>Reserves and surplus</u> Corpus Donation	39,493,204.00		(As per Annexure "B" attached)	
			201,745,486.94	<u>Investments :</u>	214,323,442.66
230,000.00	Cultural Activities Fund	230,000.00		(As per Annexure "C" attached)	
			10,242,235.59	<u>Advances :</u>	18,967,403.21
91,716,460.38	<u>Liabilities & Provisions</u> (As per Annexure "A" attached)	97,597,499.32		As per Annexure "D" attached	
			3,446,473.00	<u>Other Current Assets :</u>	3,358,351.00
	<u>Income and Expenditure A/c. :</u>			Interest Receivable	
	Previous Year 89,705,521.43		12,791.00	<u>Cash and Bank Balance :</u>	5,533.00
	Surplus / (Deficit) as per I & E A/c. 28,517,547.40		1,801,520.01	Cash on hand	6,182,148.44
89,705,521.43		118,223,068.83		Balance with Schedule Banks	
270,145,185.81	Total Rs.	305,543,772.15	270,145,185.81	Total Rs.	305,543,772.15

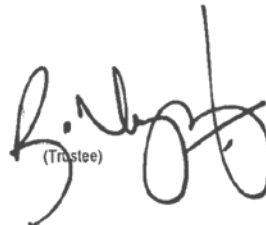
Significant Accounting Policies And Notes to Accounts refer Schedule 'J'

The above Balance Sheet to the best of our belief contains a true account of the Funds and Liabilities and of the Property and Assets of the University.

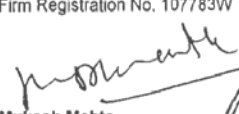
For and on behalf of Dhirubhai Ambani Institute of
Information and Communication Technology


(Secretary)

Board of Governors


(Trustee)

As per our report of even date
For Pathak H. D. & Associates
Chartered Accountants
Firm Registration No. 107783VV


Mukesh Mehta
Partner
Membership No. 043495
Place : Mumbai
Date: 30/9/16



Dhirubhai Ambani
Institute of Information and Communication Technology

SCHEDULE IX
(See Rule 17(1))

Name of Public Trust: Dhirubhai Ambani Institute of Information and Communication Technology
Registration no. of the Trust: F/818 - Gandhinagar Date of registration: 29.10.2001
Address of Trust's Office: Post Bag No. 4, Near Indroda Circle, Gandhinagar, Gujarat- India (382009)

Income and Expenditure Account for the year ended on 31st March 2016

Bank Account Number relating to transaction of Foreign Contribution :016501014823 F.C.R.A. No. 041920014 Date 01.03.2006
Bank Address: ICICI Bank Ltd., Plot No : 315, Sector : 16, Near Gh-4 Circle, Gandhinagar -382016, Gujarat

2014 -2015 Rupees	Expenditure	2015 -2016 Rupees	2014 -2015 Rupees	Income	2015 -2016 Rupees
			8,100,096.00	By Interest (net)	8,322,352.67
132,498,261.71	<u>To Educational Expenses</u> (As per Annexure "F" attached)	139,846,775.56			
26,620,742.00	<u>To Establishment Expenses</u> (As per Annexure "G" attached)	60,830,875.99	6,478,805.99	By Surplus on sale of Investment	18,030,063.86
			12,403,877.68	By Sale of Brochures	7,898,399.20
9,213,608.00	<u>To Repairs, Maintenance & other expenses</u> (As per Annexure "H" attached)	10,131,526.00	8,113,277.29	By Fees Receipt-Registration Fees	7,766,417.89
509,227.96	<u>To Miscellaneous Expenses</u> (As per Annexure "I" attached)	870,348.71	114,975,033.26	By Fees Receipt-Tuition Fees	149,095,368.49
44,944.00	To Statutory Audit Fees	46,456.00	23,001,290.38	By Hostel Fees	24,313,604.52
28,090.00	To Internal Audit Fees	28,625.00	3,738,684.00	By Other Income	
6,689,795.00	To Depreciation	8,288,803.00	18,000.00	(As per Annexure "E" attached)	4,794,886.73
1,110,516.88	Prior Period Expenses	681,367.00	-	Prior Period Income	(17,500.00)
113,879.05	To Surplus/(Deficit) carried over to Balance Sheet	28,517,547.40		Sundry Creditors Written off	29,038,731.30
176,829,064.60	Total Rs.	249,242,324.66	176,829,064.60	Total Rs.	249,242,324.66

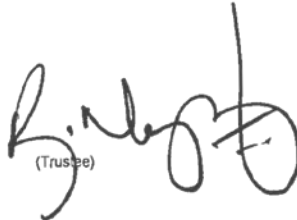
Significant Accounting Policies And Notes to Accounts refer Schedule 'J'

For and on behalf of Dhirubhai Ambani Institute of
Information and Communication Technology



(Secretary)

Board of Governors



(Trustee)

As per our report of even date
For Pathak H. D. & Associates
Chartered Accountants
Firm Registration No. 107783W

Mukesh Mehta
Partner
Membership No. 043495
Place : Mumbai
Date: 30/9/16



Dhirubhai Ambani
Institute of Information and Communication Technology

DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY
"ANNEXURES A TO I ATTACHED TO AND FORMING PART OF THE ACCOUNTS
FOR THE YEAR ENDED 31-3-2018"

As at 31.03.2015 Rupees	ANNEXURE- "A" LIABILITIES & PROVISIONS	As at 31.03.2016 Rupees
15,395,565.00	Caution Money Deposit	19,675,838.00
1,007,084.25	Other Deposits	700,084.25
835,460.00	Statutory Dues payable	1,095,600.00
991,143.34	Sponsored Projects	2,234,958.88
62,000.00	Consultancy Project	62,000.00
787,916.00	Sponsored Scholarship	308,091.00
13,312,513.18	DA-IIGT Society	13,312,513.18
11,600,782.18	Other Liabilities	30,913,991.18
47,723,976.43	Sundry creditors	23,294,382.83
91,716,466.38	Total ----	97,697,499.32



DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY

**"ANNEXURES A TO I ATTACHED TO AND FORMING PART OF THE ACCOUNTS
FOR THE YEAR ENDED 31-3-2016"**

**ANNEXURE "B"
"FIXED ASSETS"**

Sr. No.	Description	Opening Balance Rs.	Additions during the period Rs.	Deductions during the period Rs.	Depreciation provided for the period Rs.	Net balance as on 31-03-16 Rs.
1	Hostel building (New Girls Hostel)	40612262		-	-	40,612,262.00
2	Students Activities/Equipments	71007		-	23,667.00	47,340.00
3	Musical Instruments	66,789.20	2,850.00	-	25,111.00	44,528.20
4	Office Equipments	981,677.82	508,071.00	-	431,063.00	1,058,685.82
5	Motor Cars	65,923.43	1,195,774.00	56,309.43	134,174.00	1,071,214.00
6	Air Conditioners	287,347.35	946,400.00	-	190,073.00	1,043,674.35
7	Furniture	656,348.47	826,859.00	-	366,077.00	1,117,130.47
8	Library books	2,147,416.00	1,167,016.00	-	1,505,039.00	1,809,393.00
9	Sports Equipments	18,487.00	22,500.00	-	8,662.00	32,325.00
10	IT Equipment	7,989,421.00	13,485,857.00	-	5,604,937.00	15,870,341.00
	Total	52,896,679.27	18,155,327.00	56,309.43	8,288,803.00	62,706,893.84

Note: Hostel building (New Girls Hostel) is constructed out of funds given by one donor and not out of own funds and hence no depreciation is claimed on the same.



DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY

**"ANNEXURES A TO I ATTACHED TO AND FORMING PART OF THE ACCOUNTS
FOR THE YEAR ENDED 31-3-2016"**

As at 31.03.2015 Rupees	ANNEXURE- "C" INVESTMENTS (At Cost)	As at 31.03.2016 Rupees
3,220,753.00	(a) In Government Securities	
36,040,000.00	11.50% GOI 2015	-
11,042,040.00	6.35% GOI OIL BOND 2024	36,040,000.00
-	8% GOI OIL BOND 2026	11,042,040.00
50,302,793.00	8.24% GOI 2027	3,058,800.00
105,947.00	LESS : Provision for premium amortisation	50,140,840.00
50,196,846.00		4,269.00
	(a)	50,136,571.00
117748640.94	(b) In Mutual Funds	
-	2744308.473 units of HDFC High Interest Fund-Growth	-
-	1200999.231 units of BNP PARIBAS FLEXI DEBT Fund-Growth	30,000,000.00
-	3650396.329 units of DHFL Pramerica Credit opportunities Fund-Growth	42,000,000.00
-	991165.447 units of ICICI Prudential Regular Savings Fund-Growth	15,000,000.00
-	67960.413 units of L & T GILT Fund-Growth	2,386,871.66
-	1341048.176 units of SBI Magnum GILT Fund-Growth	41,000,000.00
117,748,640.94		130,386,871.66
	(b)	
33800000.00	(c) IFCI Tier II Subordinate Bonds-Series-I	33,800,000.00
33,800,000.00	3380 Bonds of Rs. 10,000/- each	
	(c)	33,800,000.00
201,745,486.94	Total (a+b+c)	214,323,442.66
As at 31.03.2015 Rupees	ANNEXURE- "D" ADVANCES	As at 31.03.2016 Rupees
1,591,711.00	Deposits	1,544,711.00
7,011,783.59	Prepaid Expenses	9,210,537.21
1,638,741.00	Other Advances	8,212,155.00
10,242,235.59	Total	18,967,403.21



DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY

**"ANNEXURES A TO I ATTACHED TO AND FORMING PART OF THE ACCOUNTS
FOR THE YEAR ENDED 31-3-2016"**

2014-15 Rupees	ANNEXURE- "E" OTHER INCOME		2015-16 Rupees
264,650.00	Income from CEP (Continuing Education programme)		741,648.00
1,802,135.00	Consultancy & Overheads		839,351.80
1,668,929.00	Miscellaneous Income		3,045,196.36
2,970.00	Profit on sale of Asset		168,690.57
3,738,684.00	Total		4,794,886.73
2013-14 Rupees	ANNEXURE- "F" EDUCATIONAL EXPENSES :		2015-16 Rupees
67,312,395.00	Salary & Allowances	76,779,352.00	
9,202,337.00	Contribution to Provident Fund, Gratuity Fund, Superannuation Fund etc.	5,784,423.00	
3,549,290.00	Employee's Welfare and other amenities	4,067,883.00	
11,959,436.00	Scholarships (TA/RA)	14,051,720.00	
16,833,822.00	Professional Fees	11,583,199.00	
108,857,280.00			112,266,577.00
	Others		
4,213,086.09	Admission process Expenses	5,241,411.97	
733,981.00	Cultural & Sports Activities	967,139.00	
9,796,455.62	Journals & Periodicals	7,154,245.59	
2,649,632.00	Repairs & Maintenance-Network & IT Equipments	5,828,651.00	
311,127.00	Convocation	329,061.00	
1,667,013.00	Electronic Infrastructure Management	1,917,284.00	
97,755.00	Examination Expenses	47,092.00	
7,500.00	Honorarium	88,500.00	
170,303.00	Meeting Expenses	158,313.00	
-	NAAC Accreditation Expenses	713,339.00	
123,214.00	Placement Expenses	150,898.00	
283,030.00	Promotional Expenses	260,301.00	
746,911.00	Recruitment Expenses	480,142.00	
950,000.00	Scholarships (Merit)	1,538,500.00	
1,465,000.00	Scholarships (Merit Cum Means)	2,016,000.00	
95,974.00	Seed Money - Etpnc-Biswajit Mishra	11,001.00	
280,000.00	Special Lecture	550,988.00	
50,000.00	WISSAP 2015 Sponsorship	-	
-	Workshop-ACM	51,768.00	
-	Workshop Exps	14,136.00	
-	Workshop-TCS	61,428.00	
23,590,981.71			27,580,198.56
132,498,261.71	Total		139,846,775.56



DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY

**"ANNEXURES A TO I ATTACHED TO AND FORMING PART OF THE ACCOUNTS
FOR THE YEAR ENDED 31-3-2016"**

2014-15 Rupees	ANNEXURE- "G" ESTABLISHMENT EXPENSES	2015-16 Rupees
12,420,040.00	Electricity Expenses (Net)	13,920,701.29
255,865.00	Insurance Premium	108,636.00
681,130.00	Postage, Telegram & Telephone Expenses	549,719.00
464,264.00	Stationery & Printing Expenses	674,650.00
1,028,680.00	Transport Charges	979,679.00
223,035.00	Travelling Expenses	472,264.00
239,500.00	Consultancy Charges	464,606.00
-	GSPC Gas Line expenses	23485.00
-	GSPC Meter Rent expenses	11986.00
2,017,906.00	Horticulture	2,225,471.00
-	Hostel Expenses	500.00
4,309,913.00	Housekeeping	5,033,789.00
4,494,400.00	Internet Expenses	4,554,710.70
30,899.00	Medical Aids & Consumables	21,161.00
7,438.00	Security Expenses	1,706.00
447,672.00	Staff Welfare	787,812.00
-	Municipal Tax	31,000,000.00
26,620,742.00	Total	60,830,875.99
2014-15 Rupees	ANNEXURE- "H" REPAIRING, MAINTENANCE & OTHER EXPENSES	2015-16 Rupees
9,057,460.00	Repairs & Maintenance - Infrastructure/Electrical	10,041,663.00
155,908.00	Repairs & Maintenance - Vehicle	83,898.00
240.00	Repairs & Maintenance - Other	5,965.00
9,213,608.00	Total	10,131,526.00
2014-15 Rupees	ANNEXURE-"I" MISCELLANEOUS EXPENSES	2015-16 Rupees
308,277.00	Canteen Expenses	385,284.00
99,834.25	Office Expenses	359,503.00
-	Photography charges	2,000.00
3,250.63	Bank charges	38.71
337.08	Demat A/c Charges	342.00
-	FCRA Registration renewal fees	506.00
47,190.00	Foreign Exchange Rate Difference	14,380.00
2,000.00	Legal Expenses	6,259.00
9,280.00	Uniform Expenses	-
39,059.00	Guest House Expenses	102,036.00
509,227.96	Total	870,348.71



**DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION
TECHNOLOGY**

Schedules forming part of the Balance Sheet as at 31st March, 2016

Schedule 'J' : Notes forming part of Accounts

I. Significant Accounting Policies

1. Basis of preparation of financial statements

The financial statements are prepared on the basis of historical cost convention and on accrual basis in accordance with generally accepted accounting principles.

2. Revenue Recognition

All the items of income and expenditure are generally recognized on accrual basis.

3. Investments

All investments are carried at cost. Premium on purchase of government securities is amortized over the life of the securities. Discount on purchase of government securities is recognised at the time of maturity.

Profit/loss on sale of investments is recognized on first in first out Basis.

4. Fixed Assets

Fixed assets are stated at cost of acquisition inclusive of freight, duties, taxes and incidental and direct expenses related to acquisition. In respect of Projects under construction related pre-operational expenses forms part of the value of the assets capitalized.

5. Depreciation

Depreciation has been provided on the fixed assets acquired out of Trust's own fund at Written Down Value method at the rates specified below for full month for the assets purchased on or before 15th of the particular month, otherwise from next month onwards:

- Office Equipment @ 33.33%
- Motor Car @ 25%
- Musical Instrument @ 33.33%
- Air Condition @33.33%
- I.T. Equipment @ 40%
- Furniture @ 33.33%
- Sports Equipment @ 33.33%





- Library Books @ 60%

6. Foreign Currency Transactions

Transactions denominated in foreign currency are accounted at the exchange rate prevailing at the date of the transaction.

7. Retirement Benefits

Provision for accumulated leave encashment benefit to the employees is accounted as and when paid. Gratuity is charged to the Income and Expenditure Account on the basis of valuation done by LIC. Super Annuation contribution is charged to the Income and Expenditure Account.

II. Current Assets, Loans And advances

In the opinion of the trustees, the current assets, loans and advances have a value on realization in the ordinary course of activity, equal at least to the aggregate amount shown in the Balance Sheet.

III. Taxation

In view of there being no taxable income under Income Tax Act, 1961, no provision for income tax has been considered necessary.

Income Tax Assessment is completed upto financial year 2012-2013 (AY 2013-14). There is no outstanding demand on account of Income Tax.

IV. Previous year's figures have been rearranged / regrouped wherever necessary.

**For and on behalf of Dhirubhai Ambani Institute
of Information and Communication Technology**

For Pathak H. D. & Associates

Chartered Accountants

Firm Registration No. 107783W

Mukesh Mehta

Partner

Membership No. 043495

Place : Mumbai

Date : 30/1/16



(Trustee)

(Secretary)

Board of Governors





Appendix - 5





Board of Governors

Name	Address
President	
Shri Anil D. Ambani	Chairman, Reliance Group, Mumbai
Members	
Prof. R. Natarajan	Former Chairman, All India Council for Technical Education and former Director, Indian Institute of Technology Madras
Prof. B. S. Sonde	Former Professor, Indian Institute of Science, Bengaluru and former Vice Chancellor, Goa University
Prof. D. Narasimha Reddy	Chairman, Recruitment & Assessment Centre, Defence Research and Development Organisation, Government of India, New Delhi
Prof. R. Nagaraj	Director, DA-IICT, Gandhinagar
Smt. Anju Sharma	Principal Secretary, Department of Higher and Technical Education, Government of Gujarat, Gandhinagar
Shri Dhananjay Dwivedi	Secretary, Department of Science and Technology, Government of Gujarat, Gandhinagar
Shri Suresh Rangachar	Dhirubhai Ambani Institute of Information and Communication Technology Society, Mumbai
Shri Dharmendra Bhandari	Dhirubhai Ambani Institute of Information and Communication Technology Society, Mumbai
Shri Punit Garg	Reliance Communications Limited, Mumbai
Shri Manikantan Iyer	Reliance Communications Limited, Mumbai
Shri NK Mangla	Reliance Communications Limited, Mumbai
Shri Gurdeep Singh	Reliance Communications Limited, Mumbai
Shri Shrenik Vaishnav	Reliance Communications Limited, Mumbai
Prof. Suman Mitra	Dean (Academic Programs), DA-IICT, Gandhinagar
Prof. Sanjeev Gupta	Dean (R & D), DA-IICT, Gandhinagar
Secretary	
Shri Soman Nair	Executive Registrar, DA-IICT, Gandhinagar



Academic Council

Name	Address
Prof. R. Nagaraj Chairman	Director, DA-IICT, Gandhinagar
Shri K. Narayan Member	Management Consultant, Reliance Group, Mumbai
Prof. Surendra Prasad Member	Professor, IIT Delhi, New Delhi
Prof. David Koilpillai Member	Professor, IIT Madras, Chennai
Shri Tapan Misra Member	Director, Space Application Centre, Indian Space Research Organisation, Ahmedabad
Shri Suresh Rangachar Member	President, Reliance Communications Limited, Mumbai
Prof. Naresh Jotwani Member	Professor, DA-IICT, Gandhinagar
Prof. Sanjay Srivastava Member	Professor, DA-IICT, Gandhinagar
Prof. Binita Desai Member	Professor, DA-IICT, Gandhinagar
Prof. Sanjeev Gupta Member	Dean (R&D), DA-IICT Gandhinagar
Prof. Suman Mitra Member	Dean (Academic Programs), DA-IICT, Gandhinagar
Shri Soman Nair Secretary	Executive Registrar, DA-IICT, Gandhinagar



Finance Committee

Name	Address
Prof. R. Nagaraj Chairman	Director, DA-IICT, Gandhinagar
Shri Suresh Rangachar Member	Trustee, Dhirubhai Ambani Institute of Information and Communication Technology Society, Mumbai
Shri Shrenik Vaishnav Member	Vice President & Head (Consolidation), Reliance Communications Limited, Mumbai
Prof Suman Mitra Member	Dean (Academic Programs), DA-IICT, Gandhinagar
Shri Soman Nair Secretary	Executive Registrar, DA-IICT, Gandhinagar



Board of Studies

Name	Address
Chairman	
Prof. Suman K Mitra	Dean (Academic Programmes), DA-IICT, Gandhinagar
Members	
Prof. Sanjeev Gupta	Dean (Research & Development), DA-IICT, Gandhinagar
Prof. Asim Banerjee	Convener, Post-Graduate Programmes, DA-IICT, Gandhinagar
Prof. Anil K Roy	DA-IICT, Gandhinagar
Prof. Hemant Patil	DA-IICT, Gandhinagar
Prof. PM Jat	Coordinator, M Sc (IT) Programme, DA-IICT, Gandhinagar
Prof. Madhumita Mazumdar	Coordinator, M Des(CD) Programme, DA-IICT, Gandhinagar
Prof. Ranendu Ghosh	DA-IICT, Gandhinagar
Prof. Biswajit Mishra	DA-IICT, Gandhinagar
Prof. Shweta Garg	DA-IICT, Gandhinagar
Prof. Pratik Shah	Indian Institute of Information and Communication Technology Vadodara, Gandhinagar (Alumnus of DA-IICT)
Shri Hasit Kaji	Tata Consultancy Services (Industry Representative)
Dr. Sumitesh Sarkar	Space Application Centre, Indian Space Research Organisation (Nominated by the Academic Council)
Dr. Sanjay Chaudhary	Professor & Head (Research), Institute of Engineering and Technology (IET), Ahmedabad University, Ahmedabad (Nominated by the Academic Council)
Convener	
Prof. Manik Lal Das	Convener, Under-Graduate Programmes, DA-IICT, Gandhinagar



IQAC

Name	Address
Chairman	
Prof. Nagaraj R	Director, DA-IICT, Gandhinagar
Coordinator	
Prof. Suman Mitra	Dean, Academic Programmes, DA-IICT
Members	
Mr. Suresh Rangachar	Reliance ADA –Management Member
Prof. Sanjeev Gupta	Dean (Research & Development), DA-IICT, Gandhinagar
Prof. Ranendu Ghosh	Dean Students, DA-IICT –Faculty Member
Prof. Rahul Muthu	Convenor, Alumni Board, DA-IICT –Faculty Member
Prof. Asim Banerjee	Convenor, Placement Committee, DA-IICT –Faculty Member
Mr. Soman Nair	Executive Registrar, DA-IICT –Administrative Member
Mr. HasendrasinhJhala	Head, HR, DA-IICT –Administrative Member
Mr. Anamitra Das	TCS, Gandhinagar– Member from Employer
Mr. Parth Nigam	Student, DA-IICT –Student Member
Mr. Manish Berwani	Student, DA-IICT –Student Member
Mr. Swapnil Khandelwal	Alumnus, DA-IICT –Alumni Member
Ms. Anupama Panchal	Alumnus, DA-IICT –Alumni Member





NAAC EVALUATIVE REPORT

ADDENDUM

MARCH 2017



Path to Success





11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Sr.No.	Name	Qualification	Designation	Area of Specialization	Experience	No. of Ph.D./M.Tech students guided for the last 4 years	
						PhD	M. Tech
1	Rajib Lochan Das	PhD (Adaptive Signal Processing)IIT Kharagpur,India	Assistant Professor	Adaptive Signal Processing, Compressive Sensing, Image Processing	9		1
2	Manish Narwaria	PhD (Computer Engineering) Nanyang Technological University, Singapore	Assistant Professor	Multimedia signal processing	3		1
3	Yash Vasavada	PhD (Wireless Communications) VPI&SU, USA	Associate Professor	Wireless Communications, Satellite Communications, Signal Processing, Detection and Estimation Theory, Information Theory and Coding Theory, Machine Learning and AI, Cognitive Communications, LTE and 4G/5G, MIMO Channels	21	1	1
4	Arnab Kumar Ray	Ph.D (Science) Jadavpur University, Kolkata	Associate Professor	Astrophysics and Nonlinear Systems	12.1		1
5	P S Kalyan Sashidhar	P.hd (Computer Science and Engineering) University of North Texas-Denton, Texas,USA	Assistant Professor	Mobile and Pervasive Computing	3		1
6	Yash Agrawal	PhD (Electronics & Communication Engineering) NIT, Hamirpur. Himachal Pradesh	Assistant Professor	Design, modeling and simulation of high performance VLSI interconnects, Nanotechnology	0.5		1
7	Rajendra Mitharwal	PhD (Engineering Science) Telecom Bretagne, Brest,France	Assistant Professor	Computational Electromagnetics	10		1
8	Amit Mankodi	M.S.(Computer Science) California State University, PhD Pursuing DA-IICT, Gandhingar	Adjunct Faculty	Embedded Systems, Computer Networks, High Performance Computing	24		1



Sr.No.	Name	Qualification	Designation	Area of Specialization	Experience	No. of Ph.D./M.Tech students guided for the last 4 years	
						PhD	M. Tech
9	Lavneet Singh	M.S. (Software Systems) BITS, Pilani	Adjunct Faculty	Cloud Computing, IoT, Software Architecture, Design and Engineering, Enterprise Software Systems.	16		1
10	Manish Mankad	M.Lib- IGNOU	Librarian	UB & Info. Science	30		
11	Ashutosh Bhatia	Ph.D. (Computer Science, IISC, Bangalore)	Assistant Professor		10		
12	Vishal Pratap Singh	M.Ped (Sports Psychology) Lucknow University, Uttar Pradesh India	Sports Officer	Sports Psychology Sports Teaching	12		

12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors

Sr.No.	Name	Qualification	Designation	Area of Specialization	Experience
1	Reshmi Mitra	Ph.D. (Electrical & Computer Engineering), University of North Carolina at Charlotte,NC,USA	Adjunct Faculty	Computer Architecture, High Performance Computing, Parallel Programming	6
2	Srikrishnan Divakaran	Ph.D Computer Science, Rutgers University, USA	Adjunct Faculty	Design and Analysis of Algorithms for problems in	20
3	Kamal Kishor Jha	Ph.D. (VLSI Design), ABV-IIITM, Gwalior	Adjunct Faculty	Device-Circuit Co-Design, Hybrid Device-Circuit Interaction	5
4	Bhargab Chattopadhyay	Ph.D.(Statistics),University of Connecticut,USA	Adjunct Faculty	Statistics	5
5	Jignesh Bhatt	Ph.D. (Information and Communication Technology), DA-IICT	Adjunct Faculty	Signal and image processing, Remote sensing, Inverse problems in imaging.	4
6	Nandini Banerjee	M.Phil., PhD ,R D University, Jabalpur,MP	Adjunct Faculty	Economics & General Management	18



Sr.No.	Name	Qualification	Designation	Area of Specialization	Experience
7	Soumitra Banerjee	PhD (International Business Strategy) University of Belford, Texas, USA	Adjunct Faculty	Start-up Ventures, Product Development	21
8	Parmanand Dalwadi	Graduate in Fine Arts, M.S. University, Post Graduate in Visual Communication, N I D Ahmedabad	Adjunct Faculty	Photography	20
9	Akash Kamthan	M.Des (CD) DA-IICT Gandhinagar, Gujarat	Adjunct Faculty	Communication Design, photography, film/documentary	3
10	Amit Sengupta	MBBS, MD(OBS-GYN), Phd (Biomedical Engg. IIT Delhi, MROGS (ROM))	Adjunct Faculty	Medical Electronics, Instrumentation, Imaging, Affordable Technology	26
11	Vineet Virmani	Fellow (PhD, Economics) IIM Ahmedabad	Adjunct Faculty	Computational Finance and Risk Management.	8

PhD Teaching Assistants

Sr No	Name	Guide	Area of Work	Year of Registration
1	Nirmesh J Shah	Hemant Patil	Speech Processing	Dec-13
2	Purvi A Koringa	Suman Mitra	Pattern Recognition	Dec-13
3	Hardik Gajera	Manik Lal Das	Security Protocol	Jul-14
4	Prashant Domadiya	Suman Mitra	Video Surveillance	Dec-15
5	Jignesh Patel	Manju Nath V Joshi	Computer Vision	Dec-15
6	Mayank Patel	Minal Bhise	Database Management	Dec-15
7	Anjali Diwan	Anil Roy	Image Processing	Dec-15
8	Amit Kishorchandra Mankodi	Amit Bhatt	VLSI Design	Jul-16
9	Pandya Juhi	Suman Mitra	Pattern Recognition	Jul-16
10	Nikita Joshi	Sanjay Srivastava	Computer Networks	Jul-16



Sr No	Name	Guide	Area of Work	Year of Registration
11	Vyas Hardik Shyam	Deepak Ghodgaonkar	Communication	Jul-16
12	Manas Singh Sakrwar	Minal Bhise	Database Management	Jul-16
13	Tejendra Pratap Gautam	Madhumita Mazumder	Science and Technology	Jul-16
14	Ankur Tukaram Patil	Hemant Patil	Speech Processing	Jul-16
15	Tushar Gadhiya	Anil Roy	Image Processing	Jul-16
16	Ami Shah	Sanjay Srivastava	Internet of Things	Jul-16
17	Ekta Rajput	Manish Gupta	Mathematics	Jul-16
18	Nandre Ashish Gokul	Hemant Patil	Speech Processing	Dec-16
19	Pathade Takshashila Anand	Amit Bhatt	VLSI Design	Dec-16
20	Swati Priya	Ranendu Ghosg	ICT for Agriculture	Dec-16
21	Jayanti Mishra	Manish Gupta	Bio Informatics	Dec-16
22	Pranav Verma	Suman Mitra	Applied Computer Science	Dec-16
23	Shiv Dev Pandey	Arnab Roy	Physics	Dec-16

M.Tech Teaching Assistants

Sr.No.	Name	Specialization
1	Bhavsar Trupal Pradeepkumar	VLSI And Embedded Systems
2	Tarun Patidar	Computer Networks
3	Jeni Shah	Machine Intelligence
4	Vishakha agrawal	Algorithmics
5	Atul Balaso Chavan	Machine Intelligence
6	Moradiya bhargav dulabhai	Computer Networks
7	Lokesh Kumar	Algorithmics
8	Chirag Usdadiya	Algorithmics
9	Debadutta Rout	Communication Systems
10	Vishwas Trivedi	SignAlgorithmics Processing



Sr.No.	Name	Specialization
11	Gandhi Samkit Rakeshbhai	VLSI And Embedded Systems
12	Suraj Suresh Ogale	Computer Networks
13	Sushantini N	Computer Networks
14	Dolly Patwa	Computer Networks
15	B Rajaraman	Computer Networks
16	Pratik Rajendra Lodha	Algorithmics
17	Udit Shrivastava	SignAlgorithmics Processing
18	Prarthana Doshi	Algorithmics
19	Vaidehi Shailesh Khalpada	Machine Intelligence
20	Purabia Pooja Rajeshkumar	Machine Intelligence
21	Nishant Koshti	Computer Networks
22	Palak Thakur	Machine Intelligence
23	Prajakta Deore	Computer Networks
24	Thakker Avani Deepakkumar	Algorithmics
25	Sreeraj R	Machine Intelligence
26	Prasad Tapkir	SignAlgorithmics Processing
27	Rita Aanjana	Algorithmics
28	Lokesh Jigalur	VLSI And Embedded Systems
29	Vidhi kamleshkumar shah	Computer Networks
30	Chintan Suryakant Shah	VLSI And Embedded Systems
31	Bhavika Panara	Machine Intelligence
32	Sheth Heli Bijalkumar	Algorithmics
33	Fatema Kotawala	VLSI And Embedded Systems
34	Shubham Chandra	Algorithmics
35	Jinita patel	Computer Networks



Sr.No.	Name	Specialization
36	Parekh Krishna Ashishkumar	Machine Intelligence
37	Jankhana Goswami	Machine Intelligence
38	Riddhi Solani	Computer Networks
39	Sagathiya Ridhamkumar Dahyalal	Computer Networks
40	Prashant Gohel	Computer Networks
41	Nikita Lodha	VLSI And Embedded Systems
42	Kamal Verma	Machine Intelligence
43	Chintanika Chothani	VLSI And Embedded Systems
44	Deepankar Dubey	VLSI And Embedded Systems
45	Thakkar Sanket Vavinkumar	VLSI And Embedded Systems
46	Thanki Jigar Narbheshanker	VLSI And Embedded Systems
47	Srinivas K	SignAlgorithmics Processing
48	Nikita Vishwakarma	Computer Networks
49	Neha kumari singhal	SignAlgorithmics Processing
50	Panchal Namrata Prakashbhai	Communication Systems
51	K.Ravali	SignAlgorithmics Processing
52	Shubhangi Gupta	Communication Systems
53	Kriti	Communication Systems
54	Neil Shah	SignAlgorithmics Processing
55	Rahul chauhan	Communication Systems
56	Neha Rani	SignAlgorithmics Processing
57	Dhara Kotecha	SignAlgorithmics Processing
58	Aarushi Dhani	Communication Systems
59	Hemlata tak	Communication Systems
60	Satyanjali Yadav	Communication Systems



16. Research thrust areas as recognized by major funding agencies

Year Completed	Project Title	Sponsoring Authority	Total Cost
2017	Knowledge Compilation in Modal and Multimodal Logic	National Board for Higher Mathematics	6.84
2016	Techniques for Robust Face Recognition with Pose Variation	BRNS/DAE	21.92
2016	Indian Digital Heritage (IDH-Hampi) Phase-II (Digital Capture of Culture & Heritage)	DST	37.60
2016	Development of Prosodically Guided Phonetic Engine for Searching Speech Database in Indian Languages	DeitY	50.60

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Year Completed	Project Title	Sponsoring Authority	Total Cost
2017	UCMA: A Toolset to Automatically Analyze Functional Requirements Specified in the Use Cases	SERB (DST)	9,65,690/-
2015	Processor RTL Customization and Development of Low Power Design Flow Methodology	GUJCOST	2,50,000/-
2016	Detection of Heavy Metal Pollution in Vegetation and Characterization of Soil Clay Minerals using AVIRIS-NG Data	SAC(ISRO)	11,00,000/-
2016	Development of Ultra Low Power And Low Voltage Time to Digital Converter (TDC) for Space Applications	(ISRO) – RESPOND	11,04,000/-
2016	Kinetic Modeling of Large size Negative Ion Sources for Fusion Application using Emerging Parallel Processing Computer Architectures	BRNS	23,69,300/-
2016	Study of Privacy, Accountability and Ownership in IoT Indo French Centre for Promotion of Advanced Research	(IFCPAR-CEFIPRA) under DST-INRIA-CNRS Targeted Programme	17,67,420/-



22. Publications:

Number of papers published in peer reviewed journals (national / international), Monographs, Chapters in books, Edited Books, Books with ISBN with details of publishers, Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.), Citation Index – range / average, SNIP, SJR, Impact Factor – range / average h-index

Publication Type	2015	2016*
Number of papers published in peer reviewed journals	120	71
- National Journals and Conferences	16	1
- International Journals and Conferences	104	70
Books with ISBN with details of publishers	1	1
Chapters in Book	2	7
Books edited	1	0
Number listed in International Database (Scopus)	93	67
H-Index	18	

* Upto July 2016



24. Areas of consultancy and income generated

The faculty members have provided consulting services in the following broad areas: Renewable energy applications, hardware design, rural development, curriculum and content development.

The consultancies received during the last four years are listed below.

Sr. No	Organization	Title	Faculty	Year	Total Amount Rs. (in lakhs)	Consultancy Income Rs. (in lakhs)
1.	Indian Institute of Information Technology Vadodara	Mentorship fee	DA-IICT	2016	18.00	10.15
2	(n)Code Solutions , Gandhinagar	Testing of Wireless Device and CCTV Surveillance System	Prof. Anil Roy	2016	4.93	4.93
		Internet Wi-Fi Network Security Testing			4.60	4.60
Total						19.68



25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Institute encourages research visits by faculty to national and international institutes for collaborative research

Sr.No	Faculty	Host	Country	Period
1	Rahul Dubey	Mark one Prototyping and Test Laboratory Xilinx, San Jose	USA	December 2015 February 2016
2	Suman Mitra	TCS Innovation Lab University of Dayton	Kolkata, India USA	April 2016 November, 2016 June-July 2016
3	Prasenjit Majumder	TCS Innovation Lab	New Delhi	December, 2016



26. Faculty serving in

- a) National committees b) International committees

No. of faculty serving on steering/program committees of international conferences:

Year	No. of faculty
2016	13
Total	13

- c) Editorial Boards

No. of faculty serving on editorial boards:

Year	National	International	Total
2016	0	5	5
Total			5

- d) any other (please specify)

Sr.No.	Faculty Name	Position
1	Nagaraj Ramrao	<ol style="list-style-type: none"> 1. Member, Regional Advisory Group on Social Entrepreneurship Education, Gujarat State 2. Member, Executive Council, Electronics and Quality 3. Chair- IEEE, CIS Chapter, Gujarat Section 4. Development Centre (EQDC), Gandhinagar
2	Alka Parikh	<ol style="list-style-type: none"> 1. Member, Regional Committee, Western India, GEP-UNDP Small Grants Program. 2. Board of Governors, Centre for Social Studies, Surat. 3. Trustee, Uthan 4. Joint Director, Uplift India Foundation
3	Anish Mathuria	<ol style="list-style-type: none"> 1. Member, Board of Governors, Gujarat Industrial Research Development Agency (GIRDA), Government of Gujarat 2. Finance Chair, IEEE CIS Winter School, 1-5 Mrch, 2016.
4.	Anil Roy	<ol style="list-style-type: none"> 1. Member, CII Government of Gujarat Task Force on Smart Cities and Villages 2. Member, Technical Committee, Smart City of Gandhinagar, Government of Gujarat 3. Member, Cyber Security Committee, Raksha Shakti University, Ahmedabad



Sr.No.	Faculty Name	Position
		<ol style="list-style-type: none"> 4. Member, Board of Studies, Gujarat Forence Sciences University, Gandhinagar 5. Member, Board of Studies, Marwadi University, Rajkot
5	Asim Banerjee	<ol style="list-style-type: none"> 1. Member of Jury, Diploma Projects of PG Students at the National Institute of Design, Ahmedabad & Gandhinagar 2. Memembr, RPS Committee for PhD Scholars, SVNIT, Surat 3. Supervisor, Doctoral Scholars, Ganpat University
6.	Biswajit Mishra	<ol style="list-style-type: none"> 1. External Examiner, GPSC, Government of Gujarat 2. State Evaluator for NCSC, DST, Government of India.
7.	Sanjeev Gupta	<ol style="list-style-type: none"> 1. Member of Senate, IIIT Vadodara 2. Vice Chairman, Research Council, IIT Vadodara 3. Member, Advisory Committee, PG Research, Center for Mobile Computing and Wireless Technologies, Gujarat Technical University, Ahmedabad 4. Member, Board of Studies, Charotar University of Science & Techology, Changa, Gujarat 5. Member, Board of Studies, Satellite Communication Course, Centre for Space Science & Technology Education, Dehradun & SAC Campus 6. Doctoral Thesis Examiner, Mukesh Patel Institute of Technology, NMIMS, Mumbai 7. Doctoral Thesis Examiner, Charutar University of Science & Technology, Changa
8.	Suman Mitra	<ol style="list-style-type: none"> 1. 1. Joint Secretary, Indian Unit of Pattern Recognition and Artificial Intelligence 2. External Expert, Project Progress Committee, Dharamsinh Desai University (DDU), Nadiad 3. Visiting Professor, University of Dayton, USA
9.	V. Sunitha	<ol style="list-style-type: none"> 1. PhD Research Progress Committee, SRM University. 2. Member, Board of Studies, PDP, Gandhinagar
10.	Vishvajit Pandya	<ol style="list-style-type: none"> 1. Honorary Director, Andaman & Nicobar Tribal Research Institute, Port Blair 2. Member, General Body, Andaman Adim Jan Jati Sevak Samiti 3. Member, Special Advisory Committee of the Lieutenant Governor, Andaman Islands 4. Contributing Member, Andaman and Nicobar Heritage Committee



29. Awards / recognitions received at the national and international level by

Faculty

Sr. No.	Faculty	Recognition	Agency	Year
1.	Prof. P S KalyanSasidhar	IOB Design Contest Winner	Maxim Integrated	2017
2.	Prof. SaurabhTiwari	Early Career Research Award	Science and Eng. Research Board, Govt of India	2016
3.	Prof. R Nagaraj	Best Research Presentation	ISCBI, Olten, Switzerland	2016
4.	Prof Ganesh Bagler	One among the best research findings (Negative (contrasting) food pairing phenomenon) in Indian cuisine)	MIT Technology Review, USA	2015

Doctoral / Post Doctoral fellows / Students

Sr. No.	PhD students	Recognition	Agency	Year
1	Vandana Ravindran	Inspire Fellowship**	DST, Govt. of India, New Delhi	2013
2	Gitam Shikkenawis	TCS Research Fellowship.**	Tata Consultancy Services (TCS)	2013



Sr. No.	PhD students	Recognition	Agency	Year
3	Milind Padalkar	Xerox Research Centre India fellowship to present research paper at the 26th BMV Conference, UK (7-10 September 2015)	Xerox Research Centre India, Bangalore	2015
4	Vandana Ravindran	Visiting Researcher, Faculty of Life Sciences, University of Manchester, UK	University of Manchester	2016
5	Madhulika Agrawal	Erasmus Mundus Fellowship Scholar assigned to University of Evora, Portugal for 2 years.	European Commission	2016
6	Sarita Agrawal	'Best Paper Award (PhD Forum Track)'	Adv. Networks & Telecom. Systems	2016
7	Prashant Domadiya	TCS Research Fellowship.	TCS	2016
8	Jainisha Sankhavara	TCS Research Fellowship.	TCS	2016
9	Nirmesh Shah	Travel grant of US \$1000 to present 2 research papers at ICASSP 2017, USA	IEEE Signal Processing Society	2017



Sr.No.	Students	Recognition	Agency	Year
M.Sc.(ICT-ARD)				
1.	Mahendra Kumar	Developed a mobile app for marketing agricultural products	DA-IICT	2016
B.Tech Students				
1.	Yashwant Keswani & Akshar Varma	Second place in Student Parallel Programming Challenge	Intel and NVIDA	2016
2.	Zarana Parekh	Participate at the Viterbi-India Program. Research internship at Viterbi School of Engineering, USA	Viterbi School of Engineering/University of Southern California/Indo-US Science & Technology Forum	2016
3.	Sumeet Varma and Tejasv Gupta	Third and seventh position in India for pre-final round of Google Code Jam-2016	Google	2016
4.	Nidhi Vyas	Research Internship	Center for Language and Speech Processing, Johns Hopkins University, USA	2016
5.	Sumeet Verma, Kuldeep Patel and Yash Kumar	Second in Hackerearth Collegiate Cup, Bangalore	Open	2016



Sr.No.	Students	Recognition	Agency	Year
6.	Sumeet Verma	Third in Sears Dots and Arrows-Hackerrank.	Open	2016
7.	Yash Kumar	Ninth in Sears Dots and Arrows-Hackerrank.	Open	2016
8.	Nikhil Jain and Ajay gaur	ideaThon, a business plan competition held at IIM Ahmedabad	IIM Ahmedabad	2016



30. Seminars/ Conferences/Workshops organized and the source of funding (national / interntional) with details of outstanding participants, if any.

Sr. No	Title	Dates	Sponsors
1	Familiarization with Visual TCAD Tool	4 February 2017	DA-IICT
2	CEP on Cyber Security, Cyber Crimes and Cyber Laws	19 June to 24 July 2016	DA-IICT
3	Summer School on Advances in Speech and Audio Processing (ASAP): from Representations and Model to Applications	19-20 July 2016	DA-IICT, Reliance Communications and International Speech Communication Association (ISCA)
4	Summer School on Speech Signal Processing (S4P) on Speech Source Modelling and its Applications	4-8 July 2016	DA-IICT, RComm, C-DAC, TCS and ISCA
5	Training course on Information and Communication Technology Management for UN-FAO and MEW officials of Afghanistan	23 May to 3 June 2016	DA-IICT
6	TCS Research Workshop	12 March 2016	DA-IICT & TCS
7	Continuing Education Program on Statistical Signal Processing for professionals from Satellite Application Center (SAC), ISRO	8-12 March 2016	DA-IICT and ISRO
8	CEP on C-Language for professionals of Satellite Application Center (SAC), ISRO	19-23 January 2016	DA-IICT and ISRO
9	CEP Workshop on Geometrical Interpretation of Mathematical Concepts	8-10 Jaunary 2016	DASS Scientific Research Lab



32. Student profile programme-wise:

Applications and Selection

Programs	Applications Received		Admitted Students			
	2015	2016	2015		2016	
			Male	Female	Male	Female
B Tech	5459	5344	252	58	262	54
M Tech (ICT)	425	262	45	17	29	32
M Sc (IT)	421	414	62	32	82	38
M Sc (ICT-ARD)	32	19	7	3	4	2
M Des (CD)	22	30	3	6	6	7
Ph D	86	83	7	6	9	9

Pass Percentage

Programs	% of Pass			
	2015		2016 ^{&}	
	Male	Female	Male	Female
B Tech	96.2	100	97.7	97.73
M Tech (ICT)	100	93.75	86.8	85.71
M Sc (IT)	98.4	96.43	93.1	100
M Sc (ICT-ARD)	100	100	100	100
M Des (CD)	100	100	100	100
Ph D	100	-	100	100

*Graduating students of UG 2011 (and backlog 2010, 2009). PG 2013 and 2012

*Graduating students of UG 2012 (and backlog 2011, 2010). PG 2014 and 2013



33. Diversity of students

Program	2014				2015				2016			
	% students from Same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries	% students from Same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries	% students from Same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B Tech	-	72.91	26.09	1	-	79.36	20.32	0.32	-	85.44	12.03	2.53
M Tech (ICT)	-	43.4	56.6	-	-	51.61	48.39	-	-	58.06	41.94	-
M Sc (IT)	-	86.67	13.33	-	-	89.36	10.64	-	-	85.83	14.17	-
M Sc (ICT-ARD)	-	33.33	66.67	-	-	80	20	-	-	83.33	16.67	-
M Des (CD)	-	42.86	57.14	-	-	33.33	66.67	-	7.69	15.39	76.92	-
Ph D	16.67	33.33	50	-	23.08	46.15	30.77	-	16.67	33.33	44.44	5.56



39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

b) from other institutions/universities

Doctoral Students

Sr No	Name	Year of Registration
1	Amit Kishorchandra Mankodi	2016
2	Manas Singh Sakrwar	2016
3	Tejendra Pratap Gautam	2016
4	Shah Miral Ashokkumar	2016
5	Patil Ankur Tukaram	2016
6	Gadhiya Tusharkumar Damjibhai	2016
7	Shah Ami Mahendrabhai	2016
8	Ekta Rajput	2016
9	Nandre Ashish Gokul	2016
10	Pathade Takshashila Anand	2016
11	Swati Priya	2016
12	Jayanti Mishra	2016
13	Pranav Verma	2016
14	Shiv Dev Pandey	2016



