



**Dhirubhai Ambani**  
**Institute of Information and Communication Technology**  
Near Indroda Circle, Gandhinagar, Gujarat 382007



# Placement Brochure 2017-2018



**Anil D. Ambani**

President, DA-IICT



**Dhirubhai Ambani**

(December 28, 1932 - July 6, 2002)  
Founder President, DA-IICT



DA-IICT

DA-IICT



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Producing Industry-ready graduates with a zeal for excellence has made DA-IICT the sought after destination for acquiring talent by leading organisations. Our students continue to do us proud with their successes after they graduate from DA-IICT. This continues to be the Hallmark of brand DA-IICT.

”

**Dr. Asim Banerjee**  
Convener, Placement Committee

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Chairman, Reliance ADA Group, Mumbai

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## Director's Message

DA-IICT is the first University in the country to offer Undergraduate and Postgraduate Programs in Information and Communication Technology. The curricula of these programs are reviewed continuously and fine-tuned to meet the needs of the versatile industry and the latest research areas.

The students are not only given rigorous academic exposure in every way possible but are also encouraged to develop as ethically and morally strong individuals. The rigorous learning process at DAIICT is based on the current and emerging needs of the industry and research areas, which in turn enables the students to take up diverse roles in industry and research organizations. The learning environment exposes the students to every opportunity that would help them gain an edge over others and help them succeed in their profession.

**Dr. R. Nagaraj**

## **Mission**

To become a first choice academic institute having high caliber students, a dynamic faculty, a sensitive administration, functioning within an atmosphere of innovative research, emphasizing academic co-operation and global collaboration. To nurture graduates to be civically engaged individuals who recognize their responsibility and role in their communities and the world.

## **Vision**

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



## About DA-IICT

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT) is a University established under an Act of Gujarat State Legislature and recognized by the University Grants Commission and Association of Indian Universities. DA-IICT offers two unique B. Tech. ICT and B.Tech (Honours) in ICT with minor in Computational Science (CS) and post-graduate programs - M.Tech.(ICT), M.Sc.(IT), M.Sc.(ICT-ARD), M.Des. (CD) and PhD.

The curriculum of these programs are carefully designed, in consultation with industry experts, to ensure that the students are abreast with the trends of the industry. The social science courses and the rural internship program contained in B.Tech. programs are designed to make our students responsible citizens. We strive for holistic development of our students through multiple of extracurricular activities. In our lush green campus, located in the capital of Gujarat, our students have the freedom to develop their soft skills and hobbies along with their academics and that makes the students of DA-IICT stand out amongst the others.



## **ICT Pioneer**

DA-IICT is the forerunner in the field of Information and Communication Technology. This fundamental innovation combining Electronics and Communication Engineering (ECE) and Computer Science and Engineering (CSE), is embedded in the large matrix of interdisciplinary subjects including Design, Science, Humanities and Social Sciences. At a fundamental level, this visualizes the student as a professional and as a citizen dealing with knowledge systems at large, but with core competence in ICT. One of the important components of the educational system is involvement of students in Research and Development, and Projects. The curriculum is designed to produce professionals with knowledge and expertise to meet the needs of the present and the future world.

## **Why Recruit at DA-IICT**

DA-IICT is the first University in India to offer undergraduate and postgraduate degrees in the area of Information and Communication Technology, that is, B.Tech (ICT), B.Tech. (Honours) in ICT with minor in CS, M.Tech.(ICT), M.Sc.(IT), M.Sc.(ICT in ARD) and M.Des.(Communication Design). Students undergo a rigorous learning process based on the ever changing technology and latest research areas, enabling them to immediately take up diverse roles in industrial organizations. The unique syllabus grants versatility to the students, ensuring that they have professional knowledge of all fields of ICT. The industry is always in need of highly skilled fresh talent, and this need is addressed by DA-IICT's comprehensive and long term approach to education with a highly charged and professional atmosphere.

## **UNDER GRADUATE PROGRAMS**

### **B.Tech. Information and Communication Technology**

The four year undergraduate program leading to the Degree of Bachelor of Technology in Information and Communication Technology, (B.Tech. ICT) offered by DA-IICT aims to create a new class of engineers in ICT, who will be committed to a vision of excellence both as individuals and citizens.

Besides core courses, a plethora of electives are offered to the students in the latter half of the program, and thus they get the freedom to delve deeper and acquire proficiency in specific sub-domains of their interest. In addition to the electives in ICT; electives, including in Mathematics and Engineering Sciences, Humanities, Social Science, Management, and Engineering Design are offered. Students are given multiple projects to enhance their practical knowledge and these key projects form an integral part of their education.





### Semester I

Introduction to ICT and computational Science  
Basic Electronic Circuits  
Calculus and Complex Variables  
Introduction to Programming  
Introduction to Programming Lab  
Communication Skills  
Approaches to Indian Society

### Semester II

Digital Logic Design  
Introduction to Discrete Mathematics  
Introduction to Communication Systems  
Object Oriented Programming  
Object Oriented Programming Lab  
Principles of Economics

### Semester III

Algebraic Structures  
Computer Organization  
Data Structures  
Electromagnetic Theory  
Science, Technology, Society  
Signals and Systems

### Winter II

4 Weeks Rural Internship (6 credits) in Winter Vacation

### Semester IV

Analog Circuits  
Analog and Digital Communication  
Environmental Science  
Introduction to Business and Finance  
Probability and Statistics  
Systems Software

### Semester V

Computer Networks  
Database Management Systems  
Embedded Hardware Design  
Group Elective - 1  
Technical Elective - 1  
Open Elective - 1

### Semester VI

Software Engineering  
Group Elective - 2  
Open Elective - 2  
Science Elective - 1  
Science Elective - 2  
Technical Elective - 2

### Summer III

6 - 8 Weeks Internship in Industry/Research

### Semester VII

Open Elective - 3  
Science Elective - 3  
Technical Elective - 3  
Technical Elective - 4  
Technical Elective - 5  
B.Tech. Project I

### Semester VIII

Open Elective - 4 (Optional)  
Science Elective - 4 (Optional)  
Technical Elective - 6 (Optional)  
B.Tech. Project II\* / Part I and II Together

### B.Tech. (ICT) Elective Course

Advanced Digital Signal Processing  
Advanced Radio Frequency Engineering  
Bio-Informatics  
Cellular Communication  
CMOS Analog IC Design  
CMOS Digital Design  
Compiler Design  
Computer Algorithms  
Computer Graphics  
Control Systems  
Digital Image Processing  
Digital Signal Processing  
Digital System Architecture  
Digital/Analog VLSI Subsystem Design  
Distributed Computing  
DSP Architecture  
Embedded Systems Programming

Formal Program Development  
Grid Computing  
Human Computer Interaction  
Internet of Things  
Introduction to Artificial Intelligence  
Introduction to Cryptography  
Introduction to Complex Network  
Introduction to GPU Programming  
Introduction to Sensor Networks  
Introduction to VLSI  
Introduction to VLSI Circuits  
Laboratory in VLSI  
Logic for Computer Science  
Materials Science  
Mathematical Logic with Applications  
Medical Informatics  
Microwave Engineering  
Models of Computation  
Models of Signal Processing  
Multimedia Computing  
Optical Communication  
Optical Communication Systems  
Programming Discrete Event Simulations  
Programming Languages  
Radio Frequency Engineering  
Satellite Communication  
Security Protocols  
Software Project Management  
Software Testing and Quality Analysis  
Solid State Device  
Stochastic Simulation  
System and Network Security  
Topics in Medical Electronics  
Unified Modeling Language and  
Model Driven Architecture  
User-Centred Design  
VLSI Circuits  
Web Data Management

### List of Science and Open Electives

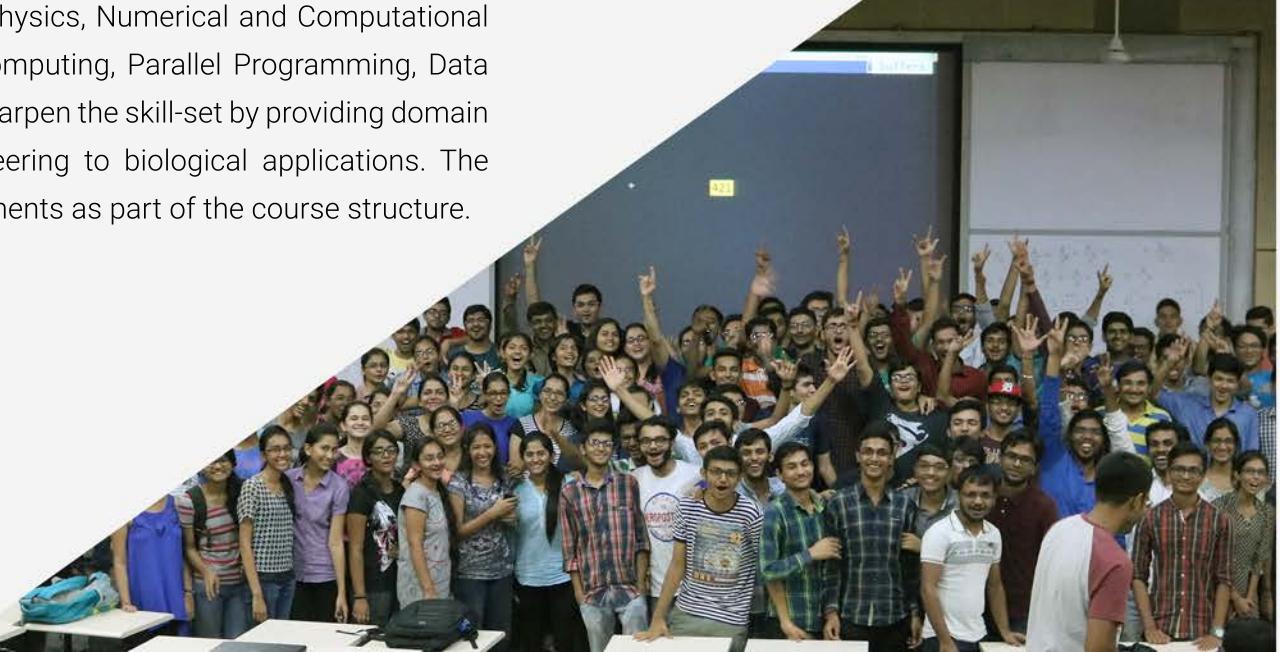
Advanced Animation  
Approaches to Science Fiction  
Culture, Politics, Identity  
Dynamics of Animation  
Elements of Business Management  
Elements of Synthetic Biology  
Foundation of Computational and System Biology  
Indian Cities in Literature  
Introduction to Biotechnology  
Introduction to Coding Theory and Applications  
Introduction to Drama  
Introduction to Graph Theory  
Introduction to Marketing  
Introduction to Modern Algebra  
Introduction to Nanoscience and Technology  
Introduction to Quantum Mechanics  
Modernity and Political Theory  
Modernity, Modernism and Art  
Optimization  
Organisational Behaviour  
Quantum Computers

## **UNDER GRADUATE PROGRAMS**

### **B.Tech. Honours in Information and Communication Technology with minor in Computational Science**

DA-IICT is the first institute in the country to design and offer a program in the area of Computational Science at undergraduate level. DA-IICT launched the B.Tech. (Honours in ICT with minor in CS) program from the 2013-14 academic year to impart the necessary knowledge and insight to the students to build computational models to understand, analyze and address fundamental problems in the areas of societal importance. Computational science involves use of mathematical models, numerical methods, quantitative analysis techniques, advanced computing capabilities and IT knowledge to understand and solve problems.

Under this program, students are required to earn more credits compared to an ICT program student, by taking courses in the areas of Mathematics, Physics, Numerical and Computational Methods, Modeling and Simulation, High Performance Computing, Parallel Programming, Data Analysis and Visualization. The electives are designed to sharpen the skill-set by providing domain knowledge in interdisciplinary areas ranging from engineering to biological applications. The program has significant research and development components as part of the course structure.





#### Semester I

Introduction to ICT and computational Science  
Basic Electronic Circuits  
Calculus and Complex Variables  
Introduction to Programming  
Introduction to Programming Lab  
Communication Skills  
Approaches to Indian Society

#### Semester II

Digital Logic Design  
Introduction to Discrete Mathematics  
Introduction to Communication Systems  
Object Oriented Programming  
Object Oriented Programming Lab  
Principles of Economics

#### Semester III

Algebraic Structures  
Computer Organization  
Data Structures  
Electromagnetic Theory  
Science, Technology, Society  
Signals and Systems

#### Winter II

4 Weeks Rural Internship (6 credits) in Winter  
Vacation

#### Semester IV

Analog Circuits  
Analog and Digital Communication  
Environmental Science  
Introduction to Business and Finance  
Probability and Statistics  
Systems Software  
Introductory Computational Physics (CS)

#### Semester V

Computer Networks  
Database Management Systems  
Embedded Hardware Design  
Numerical and Computational Methods (CS)  
High Performance Computing (CS)  
Group Elective (CS) - 1

#### Semester VI

Software Engineering  
Modeling and Simulation (CS)  
Group Elective (CS) - 2  
Science Elective (CS) - 1  
Open Elective - 1  
Technical Elective (CS) - 1  
Technical Elective - 2

#### Summer III

6 - 8 Weeks Internship in Industry/Research

#### Semester VII

Technical Elective (CS) - 3  
Technical Elective (CS) - 4  
Science Elective (CS) - 2  
Technical Elective - 5  
Science Elective - 3  
Open Elective - 2  
B.Tech. Project I  
Open Elective - 3

#### Semester VIII

Open Elective - 4 (Optional)  
Science Elective - 4 (Optional)  
Technical Elective - 6 (Optional)  
B.Tech. Project II\* / Part I and II Together

#### Elective Courses

##### List of Group Electives (CS)

Introduction to Algorithms  
Parallel Programming  
Data Analysis and Visualization

##### List of Technical Electives (CS)

Computational Finance  
Introduction to Complex Networks  
  
Computational and Systems Biology  
Introduction to Bioinformatics and Computational Biology  
Stochastic Processes and Simulation  
Computational Coding Theory  
Natural Computing  
Computational Advertisement  
Advanced Numerical Methods

##### List of Science Electives (CS)

Nonlinear Science  
Optimization  
Computational Electromagnetics  
Synthetic Biology  
Computational Drug Discovery

## **POST GRADUATE PROGRAMS**

### **M.Tech. Information and Communication Technology**

The program is specially designed to meet the increasing needs of professionals who would be able to respond to the convergence between computers and communication Systems. The program provides exposure to students to build a professional career in ICT, working at the cutting edge of technology, research and development. On successful completion of the program, the students acquire essential technical and practical knowledge for solving real-world problems in the ICT domain using modern technologies and tools. They will have the ability to demonstrate excellent analytical, logical and problem solving skills that would bridge the digital divide between urban and rural sectors. The students will acquire social and ethical attributes that enable them in applying their skills for societal needs with effective oral and written communication.

The curriculum is organized with core courses, elective courses and thesis/project work. The core courses are foundational and compulsory, which will build core competence for getting into ICT domain knowledge areas. Once the students acquire knowledge in foundational courses, They can select Group Core courses which are interdisciplinary in nature and those courses provide them breadth in ICT research exploration. Subsequently, the students will have adequate choice of electives in order to delve deeper into areas of their research interest. Finally, students will have option to pursue one full year (two semesters) of research work in the form of thesis or a semester long internship/project work, depending on their category (Thesis or Project mode) in the program.



### Semester I

System and Signal Theory  
VLSI Design  
Foundations of Algorithmics  
Algorithms / Probability  
Essential Mathematics  
Advanced Computer Networks  
Fundamentals of Machine Intelligence  
Stochastic Process for Applications

### Semester II

Detection and Estimation Theory  
Computational Shape Modeling  
Adv. Logic for Computer Science  
Computational Complexity  
Advanced Digital Signal Processing  
Digital Image Processing  
Approximation Algorithms  
Wireless System Design  
Pattern Recognition Machine Learning  
Communications Skills  
Combinatorial Algorithms  
VLSI Subsystem Design  
Web Data Management  
Information Theory and Coding  
Graph Theory and Algorithms  
Information Retrieval  
Adaptive Signal Processing  
Digital System Design using Verilog  
Advanced Digital Communications  
Analog CMOS IC Design

### Semester III

Detection and Estimation Theory  
Computational Shape Modeling  
Adv. Logic for Computer Science  
Computational Complexity  
Advanced Digital Signal Processing  
Digital Image Processing  
Approximation Algorithms  
Wireless System Design  
Pattern Recognition Machine Learning  
Communications Skills  
Combinatorial Algorithms  
VLSI Subsystem Design  
Web Data Management  
Information Theory and Coding  
Graph Theory and Algorithms  
Information Retrieval  
Adaptive Signal Processing  
Digital System Design using Verilog  
Advanced Digital Communications  
Analog CMOS IC Design

### Semester IV

M.Tech Thesis

## **POST GRADUATE PROGRAMS**

### **M.Sc. Information Technology**

M.Sc. Information Technology is a two year program, including a six month professional training in the industry. The objective of the program is to impart core education in the field of Information Technology, and to groom the students to face the challenges of the highly competitive IT industry.

Under this program, students inculcate a sound theoretical foundation; an ability to analyze, conceptualize and design systems; and achieve fluency with modern software design and development tools. Equipped with this skill set, the students can build a successful career in the field of IT, as software engineer, analyst or system designer. The course has been carefully designed to guide the students through the basic concepts up to the current practices in the industry.





### Semester I

Database Management System  
Computer Organization  
Object-Oriented Programming and Data Structures  
Communication Skills  
Discrete Mathematics

### Semester III

Software Engineering  
Data Mining and Warehousing  
Human Computer Interaction  
Optimization  
Quantitative Analysis I  
Management Information Systems  
Games, Simulations and Modeling

### Semester II

Analysis and Design of Algorithms  
Enterprise Computing  
Design of Software Systems  
Operating Systems  
Computer Networks  
Principles of Management

### Semester IV

Project/Internship

## **POST GRADUATE PROGRAMS**

### **M.Sc. Information and Communication Technology Agriculture and Rural Development**

The course is designed to train the students to comprehend the contribution of ICT in agriculture and rural development. The course explains various frameworks and models that are required to develop ICT services affordable to various stakeholders, to understand key institutional policies and to design locally appropriate ICT innovation. The graduates of the program are Catalysts who are capable of applying new technologies, new applications and business models in farmers' organizations and organizations working towards agriculture and rural development.





### Semester I

Development Theory and Practices  
Quantitative Analysis I  
Rural Finance  
Technical Communication Skills  
Information Systems Modelling  
Computer Basics

### Semester III

Modelling and Simulation of Dynamic Systems  
Production and Operations Management  
Management Information Systems  
ICT Infrastructure Management  
Elective - I  
Elective - II

### Semester II

Quantitative Analysis II  
Database Management Systems  
Research Methodology  
Systems Approaches to Sustainable Development  
Organizational Theory  
Remote sensing and GIS

### Semester III

Thesis based on Industry/Research Internship



## **POST GRADUATE PROGRAMS**

### **M.Des Communication Design**

The Master<sup>1</sup>of Design is a rigorous two year program that aims to develop technical proficiency along with the cultural and creative sensibility required for successful communication of ideas and information with specific social contexts.

The course is designed to make the students aware of all the possible research methodologies and to hone and practice the design pedagogy that is imparted to them through training in cultural and ethnographic practises as well as design literacy and skills

## **Semester I**

Fundamentals of Design - I  
Principle of Interaction Design  
Approaches to Culture and Communication  
Object Oriented Programming Using Java  
Writing and Presentation Skills



## **Semester II**

Fundamentals of Design - II  
Research Methodologies- Ethnography and Application  
Introduction to Narratology  
Web Design: Applications, Inter-connectability  
Open Elective courses

## **Semester III**

Animation  
Information Design  
Thematic Seminar/Workshop or RR (Reading/Research)  
Research Application: Constructing Narratives  
Research Proposal Seminar: Rationale, Process, Outcome

## **Semester IV**

Design Project



## DOCTOR OF PHILOSOPHY

### Ph.D

The Doctoral Program leading to the award of the Degree of Doctor of Philosophy (PhD) provides the students an opportunity for a career in academia or in research and development establishments. DA-IICT is taking a leading role in conducting research in Information and Communication Technology (ICT) and allied areas and selected areas of Humanities and Social Sciences. Research interests of faculty can broadly be classified into the following disciplines:

- Electronics & Communications.
- Computer Science & Information Technology.
- Mathematics & Physical Sciences.
- Computational Science.
- Humanities & Social Sciences.
- Design.
- ICT for development.

## Extra Curricular Activities

DA-IICT is home to students, faculty and staff belonging to different cultures and languages from all over India. Students of DA-IICT are as active in extra curricular activities as they are in their academics. Every year, DA-IICT proudly hosts its three major festivals: the technical fest, sports fest and cultural fest. Students also get involved in various cultural activities like drama, dance, music, quizzing, debate etc., thus resulting in an overall development. Students enjoy a strong interest-driven club-oriented culture which is managed by students



## Clubs and Committees

1. Debate club
2. Programming club
3. Press club - Entelechy
4. Music club
5. Research club
6. Drama club
7. Dance club
8. Cubing club – Rubik's cube solvers!
9. Quizzing club - Headrush
10. Social Activities Group - Sambhav
11. Synapse Committee
12. Cultural Committee
13. Cafeteria Management Committee
14. Academic Committee
15. Hostel Management Committee
16. Sports Committee
17. ICT Committee
18. Student Placement Cell

### DA-IICT also has the following student chapters

1. Institute of Electronics and Electrical Engineers(IEEE)
2. TEDX DA-IICT
3. Model United Nations
4. Google Developers Group
5. Spic Macay - Heritage
6. Association for Computing Machinery(ACM)
7. Microsoft Student's Technical Club

In order to manage these Clubs and Committees, there exists a Student Body Government in the student community, a democratic body of students.



## TEDxDAIICT

TEDx DAIICT was held for the second time this year covering the themes of Cosmology, Cancer survival, City planning, Spoken word planning, Beat boxing, Theatre, Patriarchy, Feminism along with live music performances. The event saw renowned speakers from diverse worlds and saw close to 100 attendees, making it a huge success over the last four years and has seen an increasing participation and enthusiasm from the student community.



## Festivals at DA-IICT

DA-IICT students always aim to make an event grander and more successful with each passing year. The annual cultural festival, 'Synapse', playing a host to 25 events along with pro-nights, sees a footfall of over 15,000 students annually from all over the country. The institute sports fest, 'Concours', saw teams from over 30 Universities and Colleges participating in nearly 15 sports events last year. I.Fest, the annual tech-fest, boasts of 20 events such as Blind c, i.App etc. where participants from over 10 colleges came to battle it out and test their technical skills in hackathons, coding and robotics competitions etc. All these events are managed by the students, right from their planning to their execution thus, enhancing students practical skills such as public relations, marketing and sponsorship.

## MUN DA-IICT

The MUN (Model United Nations) conference, essentially a simulation of UN conferences like GA, DISEC, UNEP etc., allowing students to represent a country and debate upon various social issues and thus enhancing their debating and researching skills, is being organized since the last four years and has seen an increasing participation and enthusiasm from the student community.



## Student Achievements

B.Tech students **Sumeet Varma, Kuldeep Patel, Yash Kumar** have qualified for ACM-ICPC world finals 2017. They will be one of the 6 teams representing India this year in USA.

B.Tech student **Omkar Damle** has been shortlisted to participate in the Viterbi-India Program. The program provides opportunities to 20 students to undertake research internships at the Viterbi School of Engineering, California, USA

**Ms Malvika Singh**, a B.Tech 2014 batch student, has been selected for PennApps XV, a application development competition to be held at Penn Engineering, University of Pennsylvania during January 20 to 22nd 2017.

PhD scholar, **Mr. Nirmesh J. Shah** has been awarded a travel grant of 1000 US dollars by IEEE Signal Processing Society to present his two papers at ICASSP 2017, New Orleans USA. The papers are in collaboration with his PhD supervisor Prof. Hemant Patil.

Research paper titled "Accelerated Fluid Simulation of Low Temperature Plasmas on Intel Xeon Phi MIC Architecture" authored by B.Tech (2013 batch) students **Henil Shah, Anurag Gupta, Saumya Bhadani** and **Prof. Bhaskar Chaudhury** received the Best Poster Award (SRS) at the 23rd IEEE International Conference on HPC, Data and Analytics (HiPC, 2016).

M.Tech student, **Ms. Bhavika Bathiya** received best paper award at ACM WiECON-ECE 2016. The paper is based on her thesis which was guided by Prof. Sanjay Srivastava and Prof. Biswajit Mishra.

B.Tech 2013 batch students, **Sumeet Varma** and **Tejasv Gupta** secured 3rd and 7th position in India for the pre-final round of Google Code Jam-2016 respectively. Tejasv Gupta also secured 398 rank worldwide for the pre-final round of Google Distributed Code Jam-2016.

Team comprising of B.Tech (Hons in ICT with minor in Computational Science) 2013 batch students, **Yashwant Keswani** and **Akshar Varma**, have secured second place in Student Parallel Programming Challenge supported by Intel and NVIDIA at the 23rd International Conference on HPC, Data and Analytics (HiPC 2016).

Team comprising of B.Tech (Hons in ICT with minor in Computational Science) 2014 batch students, **Keval Shah, Abhi Shah and Parshwa Shah** have secured third place in Student Parallel Programming Challenge supported by Intel and NVIDIA at 23rd International Conference on HPC, Data and Analytics (HiPC 2016).

B.Tech student, **Nidhi Vyas** from Information Retrieval Lab, got an offer from The Center for Language and Speech Processing, Johns Hopkins University for her BTP.

PhD student, **Sarita Agrawal** has earned the 'Best Paper Award (PhD Forum Track)' from the IEEE Advanced Networks and Telecommunications Systems (ANTS) 2016.

DA-IICT's **Music club** bagged second runner-up in the Indian rock event held at BITS, Goa.

B.Tech students, **Sumeet Verma, Kuldeep Patel** and **Yash Kumar** stood second in Hackerearth Collegiate Cup held at Bangalore.

B.Tech students, **Sumeet Verma** stood 3rd and **Yash Kumar** stood 9th in the Sears Dots and Arrows-Hackerrank.

"TCS Best Student Award" was presented to **Ms. Lavanya Gupta** (B.Tech 2012 batch) by Shri Anomitra Das (Regional Head HR) TCS at a function held at DA-IICT on 13th September 2016.

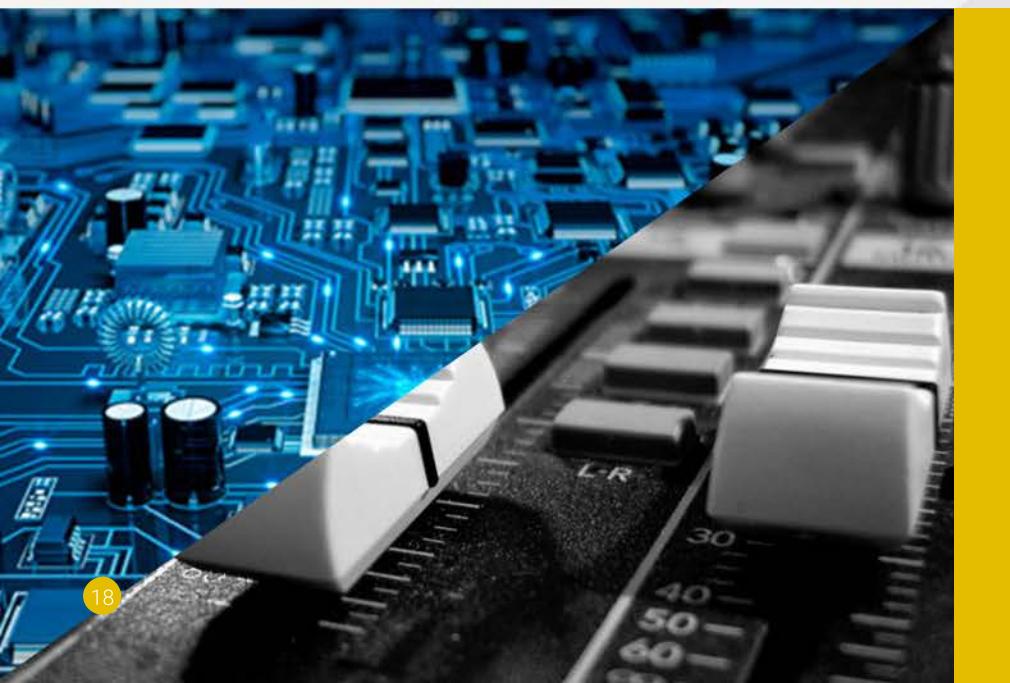
B.Tech students, **Tejasv Gupta** and **Sumeet Varma** were selected for the Booking.com Passions Hacked on-site Hackathon at Amsterdam, Netherlands duringt14-16 October, 2016.

B.Tech 2015 batch students, **Aashay Binaykia** and **Labdhish Shah** won the British Parliamentary Debating competition in the Novice category at GNLU Debate 2016.

## Research at DA-IICT

The research activities are committed to discovery, innovation and creative achievements, crossing disciplines from VLSI design, machine intelligence and wireless communication to digital signal, image processing and bioinformatics. To support research and development, a full range of required infrastructure has been established, including well equipped laboratories, specialized equipment, campus-wide networking, high speed internet access and subscription to hundreds of print and online journals.

DA-IICT Centre for Entrepreneurship and Incubation (DCEI), started in 2007, is a launch pad for students and faculty who wish to turn their technical inventiveness into successful businesses.



## Students Research

|                          |  |      |
|--------------------------|--|------|
| <b>Anshu Chittora</b>    | Analysis of normal and Pathological infant cries using bi-spectrum features derived using HOSVD  | 2015 |
| <b>Purvi Agarwal</b>     | Fusion of a novel Volterra-Wiener filter based nonlinear Residual phase and MFCC for Speaker verification  | 2015 |
| <b>Ankit Nagpal</b>      | Novel gamma tone filter bank Based spectra-temporal features for robust phoneme recognition  | 2015 |
| <b>Shubham Sharma</b>    | Combining evidences from Bark scale and Mel scale Warped features for VTLN   | 2015 |
| <b>Swati Yadav</b>       | Novel speech polarity detection using mean of speech samples at epochs   | 2015 |
| <b>Samukh Bansal</b>     | A Novel Active Contour Model For Texture Segmentation  | 2015 |
| <b>Trupti Padiya</b>     | Data Management for Internet of Things   | 2015 |
| <b>Mohhamadi Zaki</b>    | Effectiveness of empirical mode decomposition in financial timeseries prediction   | 2015 |
| <b>Maulik Madhvi</b>     | Significance of phase-based features for person recognition using humming  | 2014 |
| <b>Sanket Patel</b>      | Analysis of Nonlinear Effects on Operation of Low Noise Amplifier for Satellite Scatterometer  | 2014 |
| <b>Nilay Khatri</b>      | A Faster and Smarter Self-learning from Single Image for Image Up sampling   | 2014 |
| <b>Shrishail Gajbhar</b> | Novel Designs For Nonsubsampled Multi-resolution Directional Filter Banks And An Extra Filter Banks And An Extra Finer Directional Wavelet Transform | 2014 |
| <b>Raghuvir Songhela</b> | Yet Another Strong Privacy-Preserving RFID Mutual Authentication Protocol  | 2014 |

## GOVERNMENT FUNDED PROJECTS

Development of Cross Lingual Information (CLIA) System Phase-II  
**Prof. Prasenjit Majumder and Prof. Suman Mitra, DIT, 2011**

Value Addition in Grassroots Technologies  
**Prof. Anil Roy and Prof. Rahul Dubey, National Innovation Foundation, 2011**

Development of Text to Speech System in Indian Languages Phase-II  
**Prof. Hemant Patil and Prof. M.V. Joshi, DIT, 2011**

Developing of Infant Cry Analyzer using source and system features  
**Prof. Hemant Patil, DST, 2013**

Fall-14 CDER Early Adopter  
**Prof. Bhaskar Chaudhury and Prof. Mukesh Tiwari, NSF/TCPP, 2014**

Speech based Access of Agricultural Commodity Prices and Weather Information in 12 Indian Languages/ Dialects (ASR-Consortium-Phase II)  
**Prof. Hemant Patil and Prof. M.V.Joshi, DIT, 2014**

Ultra Wide Band Dielectric Resonator Antenna  
**Prof. Deepak Ghodgaonkar and Prof. Sanjeev Gupta, SAC-ISRO, 2014**

Techno Feasibility Study on Automation of Hydroponics and Green House Cultivation  
**Prof. Gaurav Mishra and Prof. Rahul Dubey, SHM-GUJARAT, 2014**

Knowledge Compilation in Modal and Multimodal Logic  
**Prof. Manoj Kumar Raut and Prof. Rahul Muthu, NBHM/DAE, 2015**

Processor RTL Customization and Development of Low Power Design Flow Methodology  
**Prof. Amit Bhatt and Prof. Mazad Zaveri, GUJCOST, 2015**

Enabling Technologies for Remote Health Monitoring  
**Prof. Biswajit Mishra and Prof. Manik Lal Das, GUJCOST, 2015**

Kinetic Modeling of Large size Negative Ion Sources for Fusion Application using Emerging Parallel Processing Computer Architectures  
**Prof. Bhaskar Chaudhury and Prof. Mukesh Tiwari, BRNS, 2015**

Development of Ultra Low Power And Low Voltage Time to Digital Converter(TDC) for Space Applications  
**Prof. Biswajit Mishra and Prof. Mazad Zaveri, SAC-ISRO, 2016**

Study of Privacy, Accountability and Ownership in IoT  
**Prof. Manik Lal Das and Prof. Anish Mathuria, DST (Indo-French), 2016**

Detection of heavy metal pollution in vegetation and characterization of soil clay minerals using AVIRIS-NG Data  
**Prof. Ranendu Ghosh and Prof. P.S. Kalyan Sasidhar, SAC-ISRO, 2016**

## MEMORANDUMs of UNDERSTANDING

- University of Evora (Universidade de Evora), Portugal
- University of Hildesheim (Stiftung Universitat Hildesheim), Hildesheim, Germany
- University of Swaziland (UoS), Swaziland
- The Government of Gujarat
- Indian Navy
- Space Application Centre, Indian Space Research Organisation
- INFLIBNET Centre, Inter-University Centre of the University Grants Commission
- Institut Supérieur D'Electronique De Paris, France
- University of Dayton, USA
- University of Antwerp, Belgium
- International Crops Research Institute for the Semi-Arid Tropics, Hyderabad
- Indian Statistical Institute
- Indian Institute of Technology, Gandhinagar
- Reliance Communications Limited
- Tata Consultancy Services.
- Ericsson India Private Limited
- eiTRA-einfochips Institute of Training Research and Academics Limited, Ahmedabad
- Ramakrishna Sarada Sevashram, Bastar
- ICICI Bank
- Springer Science+Business Media Singapore Pte Ltd

UCMA: A Toolset to Automatically Analyze Functional Requirements Specified in the Use Cases  
**Prof. Saurabh Tiwari, SERB, 2017**

## INCUBATION CENTRE

Expansion of Technology Incubation and Development of Entrepreneurs (TIDE) in the areas of **Electronics and ICT** Dean (R&D) DIT

Nodal Institute for Start-ups  
**Manish Gupta, Dean (R&D)" Industries Commissionerate Govt. of Gujarat**



## Faculty Speaks

*"Our students are not only trained in ICT related areas but are also coached in people skills. Further, they are sensitized to cultural and gender diversity that they would encounter at workplace. DA-IICT trains its students to be global citizens rooted in professional ethics."*

**Dr. Shweta Garg**

*"The students of DA-IICT are well-rounded and have interdisciplinary skills."*

**Dr. Jaideep Mulherkar**

*"The students have good hands-on experience because of labs in core courses and in elective courses, they get to implement the ideas learnt through projects."*

**Dr. Minal Bhise**

*"The students of DA-IICT are very well behaved which makes them very adaptable for software culture. They pick up concepts and technology fast."*

**Dr. Rahul Muthu**

*"The students are creative, resourceful and imaginative."*

**Dr. Amit Bhatt**

*"The well designed course structure, mechanism of evaluation throughout the semester and strong mathematical training improves the analytical ability of the students. This adds on to the independent thinking capability of the students."*

**Dr. Hemant Patil**

*"Students of DA-IICT's M. Des(CD) programme have a unique advantage over other Design school students in their deeper understanding of the interdisciplinary nature of Design practice. Their exposure to anthropological methods, historical contexts, aesthetic theories and ideologies of Design equip them to be reflexive about their practice and be responsive to the social, political and cultural demands of communication design."*

**Dr. Madhumita Mazumdar**

## Rural Internship

The B.Tech Curriculum mandates all students to undertake a four-week Rural Internship with an objective to expose and sensitize the ICT students to the social and economic realities of rural lives and help them appreciate the constraints and opportunities for development. Rural Internship thus entails placing students in villages across India to work in an NGO, thus engaging in various projects associated with socio-economic development such as education, environment, agriculture and rural governance.

## Research Internship

The research internship helps in training students to develop independent research skills, something which DA-IICT prides itself on. Faculty on campus act as mentors to the students thus developing close interaction between them resulting in excellent research. Some of the areas of research are in various fields of Computer Science, Electronics and Communications are Natural Language Processing, Digital Cash Protocols, Distance-bounding Protocols, Guessing Attacks, Hash Chains, Numbering Problems in Trees, Search Algorithms, Information Visualization using Height Mapping, Mobile Applications, BandPass Sampling, FPGA Implementation, CMOS Amplifier/Comparator, Design Study, Current Streaming DACS, Image Compression, Rayleigh Fading Channels, Modes in Optical Fiber, V-SAT Satellite, Information Retrieval and Human Computer Interaction. There are two categories of internships - Long term (duration: 6 months) and Short term (duration: 2 months).

## Humanities at DA-IICT

Students from the very first semester are introduced to humanities courses like 'Approaches to Indian Society' and 'Science, Technology and Society' which give a social view to their technical knowledge. It assures that they are conscious and aware of their surroundings and work for the benefit of the society as a whole.



## Industrial Internship

Students are taken as interns in various leading companies where they are exposed to various industrial practices which helps them to gain hands-on experience of the industry projects and apply their knowledge to the industry as well as understand the functioning of the company. Companies also gain from the fresh perspective and inputs of the students, which in turn helps in improving their role among the student community. There are two categories of internships - Long term (duration: 6 months) and Short term (duration: 2 months).





## Incubation at DA-IICT

Kamkaaj Solution Pvt Ltd

PlayPower Labs Pvt. Ltd

Human Brydge Pvt Ltd

Appbin Labs Pvt. Ltd

CoRygbee Pvt Ltd

Innoruption tech Solution Pvt Ltd

55 Labs Pvt Ltd

## Success story from DA-IICT

**Playpower**- It was founded with support from the MacArthur Foundation to help bring high-efficacy learning games to low-cost computers around the world. PlayPower creates math games for kids. Some of their games have also received best game awards in competitions. Their aim is to make the learning process fun and exciting.

**Delhivery**- A delivery service currently being used by companies such as Flipkart, Snapdeal to ship their customers on time. Established in 2011, it has grown to 2000 clients across 350 cities.

**Myth**- Established in 2009 by two design students, Nikita and Lokesh from 2003 batch, Myth is a creative design studio in the field of interaction design, web design and graphic design.

## Recruiting Company Testimonials

"It has been a pleasure visiting the campus for placements. We are really happy with the quality of the students. Students from DA-IICT come across technically strong and well exposed and groomed in the aspects. We would also like to thank the faculty team for their support during recruitment drives and ensuring seamless process. We look forward to have a long term and enriching relationship with DA-IICT."

**Evosys**

"We recognize the immense quality that DA-IICT adds to individuals. We had a great experience recruiting students from your college and look forward to hiring many more candidates in future."

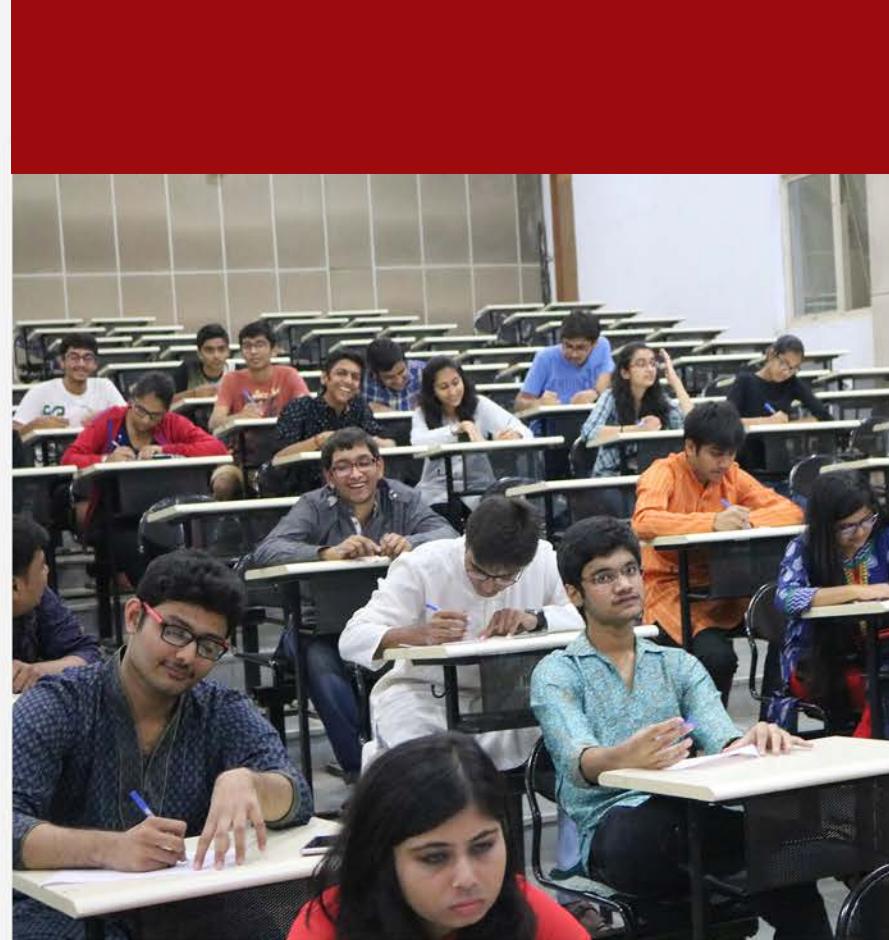
**SAP Labs**

"We have been recruiting students from DA-IICT since 2009 for our design team. Bitmapper looks forward to candidates who are interested in working in the core and have good fundamentals. We are happy to state that students from DA-IICT are down to earth and have been the best in our organization. An extremely cooperative placement team makes the placement process very easy. We look forward to a long-term relationship with DA-IICT."

**Bitmapper**

"Mu Sigma, a pioneer in the "Decision Sciences" space, has been recruiting students from DA-IICT for the past four years. As a category denouncing company, we look forward to candidates who have the right acumen for business, math and technology. We are happy that students from DA-IICT have fared very well in our organization. This can be attributed to the emphasis that the institution places on holistic development, rather than just class room instruction. The institution has surely provided a right foundation for the students to succeed in life. We sincerely look forward to a continued partnership with DA-IICT"

**Mu Sigma**



"Morgan Stanley has been impressed with the recruitment process at DA-IICT. Since we began recruiting there in 2012, we have found the quality of students to be very strong. In addition, a welcoming and friendly faculty team have made our campus recruiting seamless and efficient. We look forward to a long and fruitful relationship with DA-IICT"

**Mr. Paul Cherian (Executive Director), Morgan Stanley**

"We have been visiting DA-IICT since 2009. Thank you for the help we've had from you in hiring quality talent who have contributed to our success."

**Deloitte Consulting India Private Limited.**

## Alumni

“ As an Alumnus of DA-IICT, when I look back at my years in college, I realize the very impact this institution had on me. Once you step in the professional world and meet new people who come all the way from different colleges and backgrounds, you tend to understand the subtle differences between you and them. The holistic development that a student undergoes is incomparable to any other college in India. This begins right from the college curriculum which is extremely focused. There is no unnecessary wandering into other engineering stream courses, like most reputed colleges in India do. It ensures that almost all the courses taught are related to the stream and moreover, complement each other. This is one major thing which gives an edge to students from DA-IICT. The courses on Humanities are well designed and allow one to imagine how technology can be useful even to the lowest strata of our society. The numerous clubs and committees help students gain the art of working in teams to achieve a common goal which is one of the foundational principles of professionalism. Coordinating different events make one grasp the art of management, planning and leadership which are immensely important skills in one's life. This amalgamation of a focused academic discipline with a variety of distinct co-curricular activities provides a student way more than what he can learn anywhere else.

Vedant Tikku, B.Tech  
Sprinklr

“ You will laugh, you will cry, you will eat your heart out, you will learn a lot in DA-IICT. Seriously, this is the course to take if you are willing to work to improve your design skills. It isn't a piece of cake there are lots of Brussels sprouts to get through but if you follow Professor's advice, you'll come out with the knowledge of how to make your work a priority rather than just wondering around, as well as the tools to jumpstart, get through, and refine your knowledge. M.Des in DA-IICT teaches this with humour and insight, and I am grateful that the course gave me an overall idea of different fields like animation, photography, web design, graphic design, ethnography, and much more. The course forced me to think about the way I've been working on projects and helped me to build a more professional approach. I gained an overall expansion in my ideas from the course than I anticipated.”

Mitali Sharma, M.Des  
Indi Design

“ The 4 years at DAIICT has been the most wonderful journey of my life so far. Everything about DAIICT, right from its campus to hostel, cafes, lotus pond, the narrow lanes has created an irreplaceable image in every DAIICTian's mind. A perfect environment along with great exposure and opportunity in individual's field of interest is what every DAIICTian receives here. At DAIICT, the combination of courses from different fields like humanities and environmental science along with technical courses gives not only an engineer but a well rounded individual to the society. DAIICT prepares every student to stand out among others in whatever field they enter into. It won't be an exaggeration to give the credit of my development, success and skills to everything and everyone that defines DAIICT.”

Dhruvi Shah, B.Tech  
Morgan Stanley

## DA-IICT in the News

**CITY** www.ahmedabadmirror.com/city

AhmedabadMirror | FRIDAY, DECEMBER 4, 2015 | 5

# 12 at DAIICT offered package of Rs 27.5L

The offer made by Amazon is the highest at the institute and also Rs 2.5 lakh more than the highest package offered last year

**COMPANY SLAB**

- All companies Offer package above Rs 10L
- Comprehensive package between Rs 10L and 1L
- Companies package between Rs. 2L and 5L

Spridder and Practo Tech also offered handsome packages

**DAIICT creates wearable thermometer**

**Data Sent Every 34 Seconds To Linked Apps**

**TIMES NEWS NETWORK**

**AHMEDABAD:** It's an age of wearables and bio-patches, devices that monitor your body condition, your exertion every time you move to create a better life. And there is no better example than Practo Tech, which has come up with more companies to have a target of 100 per cent placement.

Anurag Agarwal, 21, Practo Tech founder, said he had been working for the firm from Day 1. He said, "I used to study and work in a manner that would help me in my placement. I adopted a professional approach right from the start." He has landed a package of Rs 19.14 lakhs.

Arish Goel, 21, a student of Btech (IT), who was placed with Morgan Stanley, said, "We are trying to make placements much easier for the placements as I was already interviewing with Amazon. Now I have got a pre-placement offer by Amazon. Now I have been offered by Morgan

Stanley. They are offering me Rs 16.5 lakhs. I have chosen now."

Sunit Jain, the placement coordinator at the institute, said, "Our biggest challenge is to get the post-graduate students, especially from MCA (IT) group, to take up placements in IT, but it is difficult to attract them to IT, but we have a tough time convincing companies. This year, the students have been very good and have given more companies to have a target of 100 per cent placement.

Banoo Ghotra, the faculty convener, said, "This year, 12 companies have already interviewed the students. We have got 20 students who have got pre-placement opportunities (PPOs) this year while there were only 10 PPUs last year. When the placements started, initially only AIT companies came for placements. But that has changed and now even smaller companies have taken part in the placement."

**DECODING GUJARAT INSTITUTES' RANKS**

| IRMA clinches 29 rank, IITGn's rank slides to 30 |       |      |            |      |                |         |      |         |      |
|--|-------|------|------------|------|----------------|---------|------|---------|------|
| Categories                                       | 2016  | Rank | 2017       | Rank | Categories     | 2016    | Rank | 2017    | Rank |
| Mgmt   | IIMA  | 2    | IIMA       | 1    | Pharmacy       | Nirma   | 5    | Nirma   | 16   |
|  | Nirma | 29   | Nirma      | 31   |                | LM Phar | 12   | LM Phar | 23   |
| Engineering                                      | EDT   | 45   | IIMR       | 29   | AR college     |         | 34   |         |      |
|  | IITGn | 8    | IITGn      | 30   | Maliba college |         | 37   |         |      |
|  | SVNIT | 15   | SVNIT      | 50   |                |         |      |         |      |
|  | Nirma | 45   | DAIICT     | 70   |                |         |      |         |      |
| Universities                                     | PDPU  | 55   | Anand Agri | 40   | NV Virani      |         | 37   |         |      |
|  | CUG   | 60   | Nirma      | 75   | Vithalbhai     |         |      |         |      |
|  | GU    | 73   |            |      | Patel          |         | 61   |         |      |
|  | MSU   | 76   |            |      | Bahauddin      |         |      |         |      |
|  |       |      |            |      | govt science   |         | 77   |         |      |

**CITY** AhmedabadMirror | SATURDAY, JANUARY 9, 2016 | 7

# DAIICT's dream run for women empowerment

Institute to organise youth run to spread the message of women empowerment

**Speaking at MICA's lecture series, Kiran Mani urged students to come out of the perception of marketing as mere advertisement making**

**Alumni** [www.ahmedabadmirror.com/alumni](http://www.ahmedabadmirror.com/alumni)

**E**xperiment was written all over the face of MICA students who are experimenting to interact with Kiran Mani, Managing Director of Global Creative Services, Google, during the lecture series. Kiran Mani Aiyer Auditorium, MICA campus, at Shela on Wednesday evening. The theme of the lecture was 'Digital 2020: What to expect and how to prepare'. During the long interaction with students, Mani claimed that business dealings are set to undergo a change in the coming years. She also said that marketing is no longer only about commercials or products but about "Marketing is no longer only about commercials. The world has the habit of having connectivity in communication. It is something much design can do and the digital revolution has shown us how to break the barriers around creativity," he stated.

Mani urged the students to come out of the perception of marketing as mere ad-making, which is a dead end by itself. Marketing has to be real-time by satisfying sales needs on a daily basis. It is high time we started looking at marketing through the lens of product design and innovation. We need to stop preaching everything from a scientific perspective, CEOs of the future need to perceive marketing as an innate sense," he stated.

Identifying the latest and most changing trends in marketing industry, Mani said, "Mobile is not a trend-in-the-making, it has already happened." According to her, 500 million devices will be sold in five years, which will result in five trillion devices, sending out some form of signal for marketers to make use of. Such a magnitude of data requires a sturdy technology to integrate them and act as a backbone."

**Speaking at MICA's lecture series, Kiran Mani urged students to come out of the perception of marketing as mere advertisement making**

**Alumni** [www.ahmedabadmirror.com/alumni](http://www.ahmedabadmirror.com/alumni)

**India should market its space-tech globally'**

**G**oing to the moon is the next Bharat Nirman. The 'I' that follows is space and Gandhinagar Municipal Corporation, said Earth Institute, Ahmedabad, on Friday, January 8, 2016. The event was organized by the Space Research Foundation (SRF) and the Indian Space Research Organization (ISRO). The event was organized by the Space Research Foundation (SRF) and the Indian Space Research Organization (ISRO).

**STARTUP CORNER**

**INITIATIVE NAME: SALES TRACKER**  
**FOUNDER: SHASHWAT TRIPATHI (23)**

# On tracking mode

A mobile app by a 23-year-old student allows employers to access details of their employees on the go and keep a track of target achievement to enable transparent work method

**F**acilitating employee and sales target management for a transparent working method, a 23-year-old student of the Dhirubhai Ambani Institute of Information and Communication Technology (DAIICT) has developed a mobile application dubbed Sales Tracker. The app functions just as the name suggests — by tracking employees and their sales targets, the startup is said to be perfect for an industry or a product-based company.

"The app cuts down on time wasted in manually entering details of each employee, checking on their location and their work. It also helps the employer to manage their employees, monitor their employees and remind updated with their work to ensure the targets are achieved," said Shawast. On the employee front too, the app reduces work as the employees can update his/her work status on the go, allowing their reporting heads to stay in the loop. "Employees can also add their work reports in the app cutting down on the time required to manually create the reports and sending them to their bosses," the Bachelor of Technology (B.Tech) added.

Launched at the beginning of November last year, Sales Tracker will be made available in Google Play Store and is already popular among the employees of a leading pharmaceutical company. "Including the company employees, we have around 1,000 users and I am sure the usage will expand to 10,000 users in the coming days," said the 23-year-old, who self-funded the application and is looking forward to the startup being incubated at his college.

"I think it can be used by other sectors like insurance and even banking. Future plans include making a desktop application and customizing it for users of Windows phones," said the startup mastermind.

**INPUTS BY ANSHKA**

**Engineering**

**IIT-Gn**  
**DAIICT**  
**Faculty of technology and engg, MSU**  
**Nirma University**

**Management**

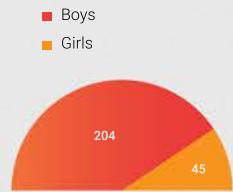
**IIMA**  
**IDM**

**Rank 30**  
**Rank 70**  
**Rank 76**  
**Rank 79**  
**Rank 1**  
**Rank 90**

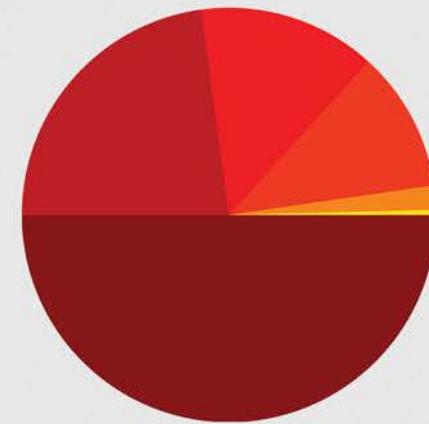
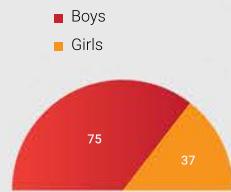
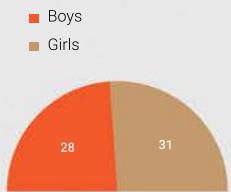
**Shawast's future plans include making a desktop application and customizing it for users of Windows phones**

## Demographics

**Under Graduate Programs**



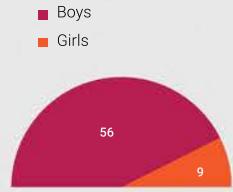
**Post Graduate Programs**



**B.Tech.**  
Information and Communication Technology

**M.Tech**  
Information and Communication Technology

**M.Sc**  
Information Technology



**B.Tech.**  
Information and Communication Technology  
with minor in Computational Science



**M.Des**  
Communication Design



**M.Sc**  
Information and Communication Technology  
Agriculture and Rural Development

**Demographics in each program**

|  |                  |     |
|--|------------------|-----|
|  | B.Tech. ICT      | 249 |
|  | B.Tech. ICT (CS) | 65  |
|  | M.Sc. IT         | 112 |
|  | M.Sc. ICT (ARD)  | 3   |
|  | M.Tech. ICT      | 59  |
|  | M.Des. CD        | 12  |

# 289

Students Placed  
Last Year

# 58

Total Number  
of Companies

# 20

Number of Dream  
Companies

# ₹ 40

Lakhs p.a  
Highest Package

# ₹ 9.09

Lakhs. p.a  
Average Package

### Average Package Achieved

|                  |           |
|------------------|-----------|
| ₹ 9.09 Lakhs p.a | 2016-2017 |
| ₹ 7.41 Lakhs p.a | 2015-2016 |
| ₹ 6 Lakhs p.a    | 2014-2015 |
| ₹ 5.73 Lakhs p.a | 2013-2014 |
| ₹ 5 Lakhs p.a    | 2012-2013 |

### Highest Package Achieved

|           |                   |
|-----------|-------------------|
| 2016-2017 | ₹ 40 Lakhs p.a    |
| 2015-2016 | ₹ 27 Lakhs p.a    |
| 2014-2015 | ₹ 25.50 Lakhs p.a |
| 2013-2014 | ₹ 20.37 Lakhs p.a |
| 2012-2013 | ₹ 20 Lakhs p.a    |

# Faculty

**R Nagaraj** (Director)  
PhD (Electrical & Electronics Engineering)  
Visvesvaraya Technological University

**Agrawal, Yash**  
PhD (Electronics & Communication Engineering)  
NIT, Hamirpur, Himachal Pradesh

**Banerjee, Asim**  
PhD (Electrical Engineering)  
IIT Bombay

**Bhateja, Puneet**  
PhD (Computer Science)  
Chennai Mathematical Institute, India

**Bhatt, Amit**  
PhD (Electrical Engineering)  
North Carolina State University

**Bhise, Minal**  
PhD (Computer Science)  
BITS Pilani

**Chaudhury, Bhaskar**  
PhD (Physics)  
Institute for Plasma Research (IPR), India

**Das, Manik Lal**  
PhD (Information Technology)  
IIT Bombay

**Das, Rajib Lochan**  
PhD (Adaptive Signal Processing)  
IIT, Kharagpur, India

**Dasgupta, Sourish**  
PhD (Computer Science)  
University Of Missouri-Kansas City USA

**Desai, Binita**  
BFA (MS University, Baroda),  
Animation (National Institute of Design, Ahmedabad)

**Dubey, Rahul**  
PhD (Electrical Engineering)  
IIT Roorkee

**Dutta, Gautam**  
PhD (Physics)  
Physical Research Laboratory, Ahmedabad

**Garg Gagan**  
PhD (Computer Science and Automation)  
IISc Bangalore, India

**Garg, Shweta**  
PhD (English)  
IIT Roorkee

**Ghodgaonkar, Deepak**  
PhD (Electrical Engineering)  
University of Utah, USA

**Ghosh, Ranendu** (Dean Students)  
PhD (Soil science & Agricultural Chemistry)  
Indian Agricultural Research Institute, New Delhi

**Gupta, Manish K**  
PhD (Mathematics)  
IIT Kanpur

**Gupta, Sanjeev** (Dean -R&D)  
PhD (Communication Engineering)  
Queen's University of Belfast, UK

**Jat, Pokhar Mal**  
PhD (Computer Science and Engineering)  
ML Sukhadia University, Udaipur

**Joshi, Manjunath V**  
PhD (Electrical Engineering)  
IIT Bombay

**Jotwani, Naresh**  
PhD in Computer Science  
Rice University Houston, TX(USA)

**Kollipara, Bharani**  
PhD (English Literature)  
English And Foreign Languages University, Hyderabad

**Majumder, Prasenjit**  
PhD (Computer Science),  
Jadavpur University, Kolkata

**Mathuria, Anish**  
PhD (Computer Science)  
University of Wollongong, Australia

**Mazumdar, Madhumita**  
PhD (Modern History)  
University of Calcutta, Calcutta

**Mishra, Biswajit**  
PhD (Electrical & Electronics Engineering)  
University of Southampton, UK

**Mitharwal, Rajendra**  
PhD (Engineering Science)  
Telecom Bretagne, Brest, France

**Mitra, Suman Kumar** (Dean Academic Programs)  
PhD (Computer Science)  
ISI Calcutta

**Modi, Amishal**  
Master of Arts  
The Ohio State University, USA

**Mulherkar, Jaideep**  
PhD (Mathematics)  
University of California Davis, USA

**Muthu, Rahul**  
PhD (Computer Science)  
Homi Bhabha National Institute, Mumbai

**Naghoudhuri, Dipankar**  
PhD (Electrical Engineering, Michigan State University, USA)

**Narwaria, Manish**  
PhD (Computer Engineering)  
Nanyang Technological University, Singapore

**Pandya, Vishvajit**  
PhD (Anthropology)  
University of Chicago, USA

**Parikh, Alka**  
PhD (Agriculture and Allied Economic)  
Cornell University, USA

**Parekh, Rutu**  
PhD in Electrical Engineering (Specialization Nanoelectronics,  
Sherbrooke University, Sherbrooke, Quebec, Canada)

**Patil, Hemant**  
PhD (Signal Processing)  
IIT Kharagpur

**Pillutla, Laxminarayana**  
PhD (Electrical Engineering)  
University of British Columbia, Canada

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# Placement Policy

## Definition

### Placement Cell

A body consisting of the Placement Officer, Faculty members and the Student Placement Committee.

### Job/Internship Offer

If a student's name appears on the final shortlist declared after the company's process through the Placement Office, then that would be considered as an offer to the student.

Duration of the internship for the final yearites would be between four to six months which would be during their 8th semester.

Duration of the internship for the pre-final yearites would be between six to eight weeks which would be during the summer semester after third year.

### Pre-placement Offer

A job offer made to a student who received an internship offer on campus earlier by the same company.



## Eligibility

All students graduating from the institute in the year 2018 are eligible to participate in the placement activities.

A student can participate in the placement process of a company subject to the following conditions:

- . The cell has confirmed his/her registration.
- . He/She meets the requirements/eligibility criteria specified
  - . By the company
  - . By the placement policy

# Placement Policy

There are 3 kinds of offers that are possible:

- Internship + Job (I+J)**
- Job (J) only**
- Internship (I) only**

For Internship + Job (I+J) and Job (J), CTC declared by the company will be used for category determination.

For Internship (I) only, post internship offered CTC for employees will be used for category determination.

All companies are classified in two categories:

- Category I - 9 Lakhs Per Annum(LPA) and above**
- Category II - Below 9 Lakhs Per Annum**

All offers are calculated based on CTC (Cost To Company)

A student who gets placed (gets a Job (J) or Internship+Job offer (I+J)) in category I company is out of the placement process and the offer she/he receives is the final offer and no further switching is applicable.

A student who gets placed (gets a Job (J) or Internship+Job offer(I+J)) in category II company has strictly one chance to switch. She/He can switch only if they fulfills the following conditions :

If offer received in category II is  $x$  LPA then he can switch to a company which provides offer of  $1.5 \times x$  LPA or above.

Switch is a condition where a student is allowed to sit in a company according to the policy even after getting a first offer and he gets selected at that company.

If the new offer made is a Job offer and it allows students to have internship elsewhere, then they will be allowed keep both.

## Reference Table :

| $x$ LPA | $1.5 \times x$ LPA |
|---------|--------------------|
| 2.5     | 3.75               |
| 3       | 4.5                |
| 3.5     | 5.25               |
| 4       | 6                  |
| 4.5     | 6.75               |
| 5       | 7.5                |
| 5.5     | 8.25               |
| 6       | 9                  |
| 6.5     | 9.75               |
| 7       | 10.5               |
| 7.5     | 11.25              |
| 8       | 12                 |
| 8.5     | 12.75              |

## Dream Offers

At the discretion of the Placement Office, certain offers are put into Dream category.

**All students (even if they have used their switch) can sit for a dream category company.** However, if a student gets an offer in a dream company, her/him previous standing offer is **rejected** and the student is out of the placement process (even further dream companies).



## **Offer of a Job**

The company shall provide the offer letters to the Placement Office and not directly to the students.

When the Placement Office receives an offer letter from a company for a student, it shall communicate the same to her/him.

A time period will be declared where a student has to inform the Placement Office regarding her/him decision on the offer. If she/he fails to do so, it shall be assumed that the offer has been rejected by her/him.

The purview of the Placement Office is restricted only to the offers made as part of the campus placement process.



## **Rejection of an Offer**

1. If a student participates in the placement process of a company, then she/he cannot leave it in between. If such a case arises, then it will be deemed as rejection of the offer.
2. An offer made will be considered rejected if the concerned student informs the placement cell about the rejection in person and in writing.
3. A student can upgrade only once by rejecting a category I/II offer. If a student rejects a category I company, then she/he is considered as not interested in the placement process.
4. Student can only reject one offer at maximum, if she/he rejects the second offer then she/he becomes ineligible for the placement process.
5. On upgrading to a higher category company, the previous offer stands rejected.
6. If a student does not inform the Placement Office regarding her/his decision on acceptance of an offer within the declared time period, then it will be deemed as rejection of the offer.

## **Summer Internship Offer**

The following policy is only for summer internship offered to students for a period of six to eight weeks after the third year :

1. If a student participates in the internship process of a company, then she/he cannot leave it in between. If such a case arises, then it will be considered that the student is not interested in the internship process and won't be allowed to sit for further companies offering summer internship.
2. If the student participates in the internship process of a company and gets an internship offer she/he cannot reject it or leave the internship mid way. It is mandatory for the student to accept the offer and complete the internship successfully or else she/he would not be allowed to appear for the placement process.
3. All the companies offering summer internships would fall under the same category and no upgradation of the offers are allowed.
4. If the internship offer gets converted into a pre-placement offer (PPO) and the company offering the PPO lies in the dream category then it is considered a job offer and the student is not allowed to appear for the placement process.
5. If the internship offer gets converted into a pre-placement offer (PPO) and the company offering the PPO lies in Category II then it is considered a job offer and the student still has one upgrade available like in normal placement.
6. All students sitting for summer internship will have to confirm before sitting about their commitment for the coming company. Hence she/he cannot leave for any reason if an offer is made.

## Past Recruiters





and many more

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Placement Committee

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#### **Content**

Registrar Office  
Resource Centre  
Placement Office  
Dean (Academic Program)  
Dean (Research and Development)  
Dean (Student Activities)

#### **Photographs**

Resource Centre  
Cultural Committee  
Photography Club  
M.Des Studio  
Vyom Parmar

Designed by  
**Sarath Nambiar**

Co-ordinated by  
**Vyshnavi Vanamala**  
**Nirvisha Mankad**  
**Rudra Chandak**  
**Student Placement Cell**

#### **Special Thanks**

Saurabh Singh  
Anandita Agrawal  
Shailaja Shah  
Placement Office  
All Clubs & Committees



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