

**VEER NARMAD SOUTH GUJARAT UNIVERSITY**

**J. P. DAWER INSTITUTE OF INFORMATION  
SCIENCE AND TECHNOLOGY  
DEPARTMENT OF I.C.T.**

**M.Sc. (I.C.T.)**



**PROSPECTUS**

**Master of Science  
(Information and Communication Technology)  
2025-2027**

# Veer Narmad South Gujarat University

University Campus, Udhna-Magdalla Road, SURAT-395 007, Gujarat, India



The vision of Veer Narmad South Gujarat University is to contribute in the field of Higher Education to deliver best in class knowledge. It foresees to create trained personnel in various branches of literacy keeping nation-building as a major goal. The University is dedicated to uphold eminence in both undergraduate and postgraduate teaching, promoting research and undertaking the requisite extension activities that would extend to all in the society. A semi-urban University located at Surat city, the University has a campus spread over 210 acres. The University, re-accredited 'B++' grade with 2.86 CGPA on 4 Points scale by the National Accreditation and Assessment Council in 2022. The University is committed to the ideal of excellence of the highest order, as evidenced by its constant revision of existing syllabi and continuous addition of new courses. It aims at optimal use of all its resources in creating a knowledge society, where rigorous scholarship and high ethical standards are blended to meet the challenges of the 21st century India.



Dr. Kishorsinh N. Chavda  
Vice Chancellor  
Veer Narmad South Gujarat University

## HONORABLE VICE CHANCELLOR'S MESSAGE

It is a profound privilege to step into the leadership role at Veer Narmad South Gujarat University and become part of its vibrant academic community. I extend a warm welcome to students from diverse backgrounds across the globe as they explore the extensive array of undergraduate and postgraduate programs offered by our esteemed institution. With a legacy spanning over 50 years, our university has consistently empowered graduates to achieve remarkable success on the global stage.

I am particularly delighted to announce the introduction of two pioneering programs in Information Technology: the **M.Sc. IT (5-Year Integrated Program) and the M.Sc. ICT (2-Year Postgraduate Program)**. These innovative courses not only enhance our academic portfolio but also address the ever-evolving demands of a technology-driven world. They offer a wealth of opportunities in the dynamic fields of software development and the IT industry, equipping students to excel in leading global tech companies or establish successful entrepreneurial ventures.

I sincerely invite motivated learners to embark on a transformative journey of exploration and knowledge acquisition through these programs. My best wishes go to our dedicated faculty and ambitious students as they strive to achieve their aspirations. Together, let us continue to build an environment that inspires intellectual growth, fosters creativity, and drives innovation within the distinguished framework of our university.



Dr. R. C. Gadhvi  
REGISTRAR  
Veer Narmad South Gujarat University

## HONORABLE REGISTRAR'S MESSAGE

It is a privilege to step into this leadership role at Veer Narmad South Gujarat University. This milestone marks the start of a new chapter for our vibrant academic community, and I warmly welcome students from across the globe as we strive together for academic distinction. With a proud legacy spanning over 59 years, our university has consistently empowered graduates to excel on a global stage, reflecting the high standards of education we uphold. I am delighted to announce the launch of two groundbreaking programs in Information Technology: the **M.Sc. IT (5-Year Integrated Program)** and the **M.Sc. ICT (2-Year Postgraduate Program)**. These additions strengthen our academic offerings and address the ever-evolving needs of the modern, technology-driven world.

These programs serve as gateways to a wealth of opportunities in the dynamic fields of software development and the IT sector. It brings immense satisfaction to see our graduates making their mark in leading tech organizations or establishing successful entrepreneurial ventures.

I extend a heartfelt invitation to inquisitive minds to join us on this transformative educational journey. My best wishes go to our dedicated faculty and aspiring students as they pursue their goals with passion and determination. Together, let us create an environment that nurtures intellectual growth, inspires innovation, and drives excellence within our university's distinguished community.

# ABOUT THE DEPARTMENT



Department of I.C.T. runs two courses Master of Science in Information Technology (M.Sc.(I.T.)) and Master of Science in Information and Communication Technology (M.Sc.(I.C.T.)).

M.Sc.(I.T.) is a 5 year integrated course run by V.N.S.G.U., since the year 2000. M.Sc.(I.T.) course combines various facets of computer application, electronics, communication, programming, networking etc. to equip students with skills relevant to industry demand. To get admission in this program, the candidate must have passed HSC from Commerce/ Science / Vocational Stream.

M.Sc.(I.C.T.) is a post graduate course of 2 Years commenced in the year 2005. that is offered to the students of computer graduates of BCA, B.Sc.(Computer Science), B.Sc.(I.T.) & B.E.

The Department is having well qualified 11 permanent faculties out of which 9 (Nine) have Ph.D. Degree in Computer Science, 1 (One) in Electronics and 1 (One) in English. The curriculum of both the courses is well framed keeping in mind the requirements of present-day IT industry. The intensive lab practical and several projects, during the tenure makes the students industry ready IT professionals. To import practical knowledge, the department has 7 labs that includes Embedded systems lab, iOT lab & iOS Lab.

Placement of students in reputed IT companies and several companies owned by the Alumni of the Department bear a testimony to the endeavor and success of the institute.

# **INFRASTRUCTURE**

A multi-million-rupee investment is done on the infrastructure which has made the institute as one of the best-equipped educational center of Veer Narmad South Gujarat University offering Degree programs in Information Technology.

## **GENERAL INFRASTRUCTURE**

- Classrooms and Seminar hall with interactive panels**



- Computer Laboratories (Seven)



- Library



- An AMPHI Theatre with a capacity to accommodate 900 people



## ● Server Room

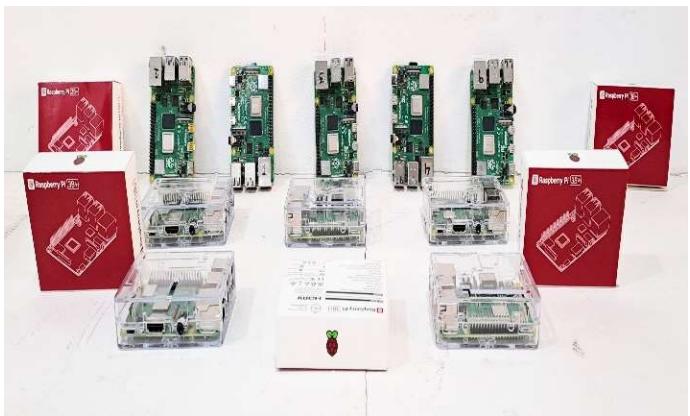


## ● Canteen



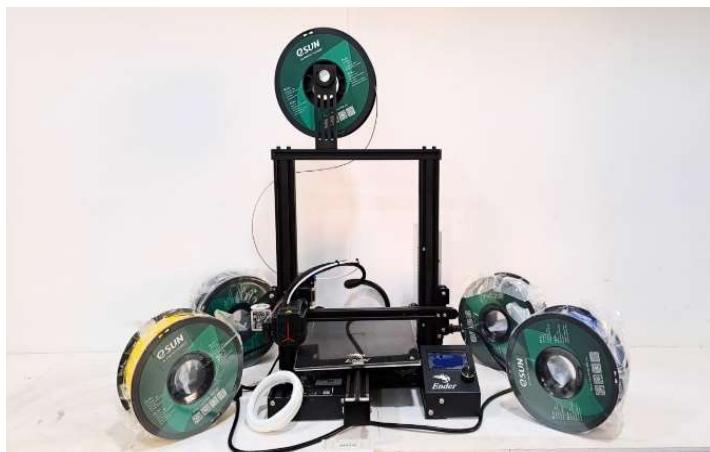
# e-Yantra lab

e-Yantra Lab: Enhancing students robotics career through competitions, hands-on skills, real-world problem solving, through innovation network, mastering technical skills for industries through presentation.



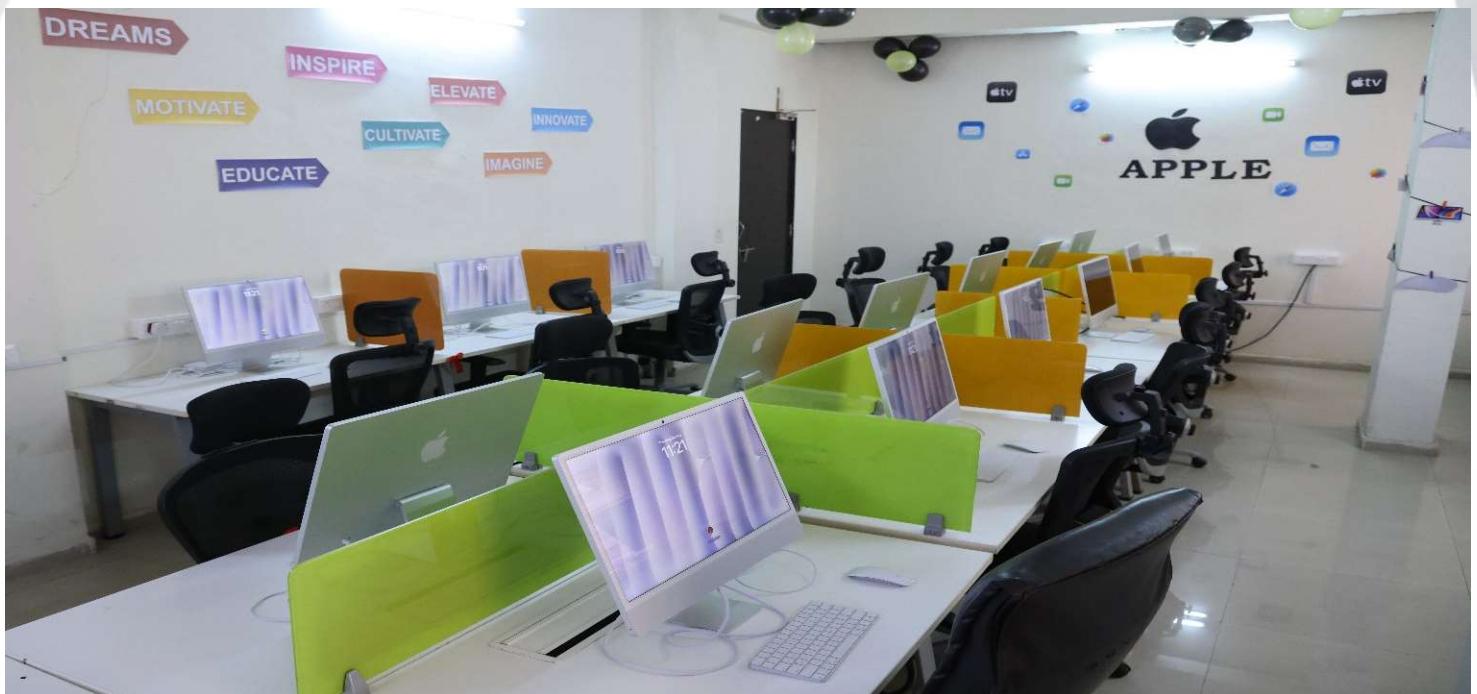
## Atal Tinkering Lab(ATL)(modules-1 and 2)

Students are trained to understand the concepts of Science, Technology, Engineering and Math using ATL modules. Students can do hands on practice on different tools and equipment's to implement their innovative ideas about science, electronics, and robotics using different open-source microcontroller boards, sensors and 3D printer. Through ATL modules Student's curiosity, creativity, and imagination are boost up by developing skills like, design mindset, computational thinking, and adaptive learning .etc.



# iOS/Apple Lab

Our college features a cutting-edge Apple Lab, designed to enhance learning and innovation. The lab is equipped with 20 iMac desktops, each powered by an M4 Chip processor (2.5 GHz), 16 GB RAM, and 256 GB SSD, delivering reliable performance for diverse academic and research activities. Additionally, the lab includes 16 Mac Mini systems, featuring Intel i5 processors (1.40 GHz), 4 GB RAM, and 500 GB HDD, offering compact yet robust capabilities to support a wide range of computing tasks.



# GPU-for AI Research Work

Unleashing AI potential through cutting-edge GPUs for groundbreaking research



## ❖ Configuration:-

HP Z4 G4 Workstation, Intel® Xeon®

W-2265 CPU@ 3.50 GHZ,

64 GB RAM, 2 TB SSD

# OTHER RESOURCES

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## Resource: Details

Internet: • Fiber Optic Internet Connection

Server: • 1 IBM BladeCenter Blade Server with 3 blades (each with Intel Xeon Processor 2.5 GHz, 16 GB RAM, 900 GB HDD)  
• 1 IBM System x3650 M3 Rack Server (with Xeon Processor, 4 GB RAM, 1 TB HDD)

GPU: • 1 HP Z4 G4 Workstation, Intel® Xeon® W-2265 CPU@ 3.50 GHZ, 64 GB RAM, 2 TB SSD

Desktop: • 120 HP (with i7 Processor 2.90 GHz, 16 GB RAM, 1 TB HDD and 500 GB NVME SSD)  
• 100 HP (with i7 Processor 3.60 GHz, 8 GB RAM, 1 TB HDD and 500 GB SSD)  
• 60 Dell (with i7 Processor 2.70 GHz, 16 GB RAM, 1 TB SDD)  
• 15 Dell (with i7 Processor 3.60 GHz, 8 GB RAM, 1 TB HDD and 500 GB SSD )

- 15 Lenovo (with i5 Processor 3.40 GHz, 4 GB RAM, 500 GB HDD and 500 GB SSD )
- 9 Mac (with i5 Processor 2.5 GHz, 4 GB RAM, 500 GB HDD)
- 20 iMac (with M4 Chip, 16 GB RAM, 256 GB SSD)
- 16 Mac mini (with i5 Processor 1.40 GHz, 4 GB RAM, 500 GB HDD)

**Panel:** • 15 Interactive Panel

**Laptop:** • 11 Dell (with i7 Processor 2.6 GHz, 8 GB RAM, 1 TB HDD)  
• 12 Dell (with i5 Processor 2.4 GHz, 4 GB RAM, 500 GB HDD)  
• 1 Mac (with i5 Processor 2.5 GHz, 8 GB RAM, 500 GB HDD)

**Storage:** • QNAP NASBox (TVS 471-I3-4G) with 4 TB Storage

**Software:** 1. Microsoft Window 10 License  
2. Soul Software

**Wi-Fi:** • WiFi Campus

**UPS:** • 2 Uninterrupted Power Supply (40 KVP) with  
• 5 - hours battery backup

**CCTV:** • Most area of the campus covered under CCTV surveillance

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- |                                |                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Generator:</b>              | <ul style="list-style-type: none"><li>• For uninterrupted power supply</li></ul>                                                                                                                                                                                                                                                                                                         |
| <b>Embedded system and IoT</b> | <ul style="list-style-type: none"><li>• Wireless sensor network kit, 3-D printer, Raspberry PI, sensors, GSM and GPS module, Bluetooth module, Node MCU wifi Module, Robotic Arm, Spark V Robot, Fire Bird V Robot, Fire bird-v LPC2148 adapter cards, 8051 microcontroller developer kits, ARM-7 Development kits, Arduino UNO kits, RFID kits, 8086 microprocessor kits etc.</li></ul> |
| <b>Equipment's:</b>            |                                                                                                                                                                                                                                                                                                                                                                                          |

# Learning Resources - eLibrary

- 32 e-books (E Library : Pearson and McGraw Hill)
  - 3999 physical reference books

This screenshot shows the Pearson eLibrary interface. At the top, there's a navigation bar with links for 'ebooks.library.in.pearson.com/wr/index.html?version=1.0.216.1', 'Apps', 'YouTube', 'Maps', 'Gmail', and 'Discussion'. Below the bar, the Pearson logo and 'eLibrary' are displayed, along with download links for Windows and Mac. A yellow button for '+ Add Book' and a user profile icon are also present. The main area has tabs for 'MY BOOKSHELF' and 'MY LIBRARY', with 'MY LIBRARY' currently selected. It displays 13 books. Each book entry includes the book cover, title, author, an 'Added' button, and a more options button. The books listed are: 'Programming in C' by Kochan, 'Data Structures and Algorithms Using C++' by Akepogu; Palagiri, 'Database Systems Using Oracle: A Simplified Guide' by Shah, 'Introduction to Digital Electronics' by Betty, 'Software Engineering' by Mishra; Mohanty, and 'Object-Oriented Programming with C++' by Sharma.

This screenshot shows the McGraw Hill India Express website. The top navigation bar includes links for 'eexpresslibrary.mheducation.com/product/artificial-intelligence5015462?' and 'Apps', 'YouTube', 'Maps', 'Gmail'. It also shows that the user is logged in to 'Veer Narmad South Gujarat University, Surat'. The McGraw Hill India Express logo is at the top left, and there are buttons for 'Catalog', 'Bookshelf', and 'DOWNLOAD APP'. Below the navigation is a search bar with 'Search' and 'Advanced Search' options. The main content area features a book cover for 'Artificial Intelligence' by Deepak Khemani. The book cover has a brain-like circuit board design. Below the cover, the title 'Artificial Intelligence' is displayed, along with 'Read Online' and 'Read Offline' buttons. It also shows compatibility with various devices. Detailed book information is provided in a table:

Author	Deepak Khemani
ISBN 13	9789383286782
Published date	2013
Publisher Name	McGraw Hill

# Language Lab



## Primary Features & Benefits:

- Know Your Level [KYL] Test
- Vocabulary Builder
- Integrated Course Modules
- Content Delivery
- Lesson Maker
- e Examiner
- Certificates
- User Reports
- e Users
- e Grouper
- eMessenger
- Lab View
- e Assignment
- e Notification

## Contents Include:

- Communication Skills: Listening, speaking, Reading ,Writing
- Soft Skills
- Business Communication
- Professional Communication
- TOEFL
- IELTS
- General Knowledge
- Foreign Languages: Spanish, Japanese, Chinese, German.
- Indian Languages: Kannada, Hindi
- General English
- Grammar Pronunciation
- Sounds
- Phonetics
- Situational Conversations
- Oxford Online
- Idioms
- Documentaries and Fiction

# FACULTY PROFILE

## Head of the Department Professor

### Dr. Pushpal Desai



Designation: Professor  
Qualification: Ph.D., MCA  
Teaching Experience: 24 Years  
Subjects: Operating System, RDBMS  
Area of Research: Data Warehouse,  
Data Mining

### Dr. Devendra Pandey

### Assistant Professor



Qualification: Ph.D., MCM  
Teaching Experience: 22 Years  
Subjects: Computer Network,  
Advanced Computer Network,  
E-business, Cyber Law  
Area of Research: Cloud Computing,  
RFID through Network security

## Course Co-ordinator M.Sc. (I.C.T.)

### Dr. Kamlendukumar Pandey

### Assistant Professor



Qualification: Ph.D., MCA, ME, BE,  
GSLET Qualified  
Industrial Experience: 13 Years  
Teaching Experience: 19 Years  
Subjects: JavaEE, Cloud Computing (MSA, DevOps)  
Area of Research: Sensor Networks,  
Micro-Service Architecture, Cloud Computing

## **Dr. Tejas Shah**

## **Assistant Professor**



Qualification: Ph.D., M.Sc. (I.T.),

UGC NET Qualified

Teaching Experience: 20 Years

Subjects: Data Structure, RDBMS,

Software Engineering

Area of Research: Requirement Engineering

## **Dr. Payal Joshi**

## **Assistant Professor**



Qualification: Ph.D., M.Sc. (I.T.), UGC NET Qualified

Industrial Experience: 1 Year

Teaching Experience: 19 Years

Subjects: Open-Source Web Development,

Application Development using Full Stack

(MEAN Stack), Web Development-1

(XML, JavaScript, JQuery)

Area of Research: Information Retrieval, NLP, Machine Learning

## **Dr. Dhaval Joshi**

## **Assistant Professor**



Qualification: Ph.D., M.C.A., GSET Qualified

Industrial Experience: 1 Year

Teaching Experience: 19 Years

Subjects: Application Development using

.NET Core, C# NET, Cloud Computing

(AWS, Azure, GCP)

Area of Research: Schema Matching,

Data Migration, Cloud Computing, Micro Service Architecture

## **Dr. Shailesh Chaudhari**

## **Assistant Professor**



Qualification: Ph.D., MCA, M.Phil.,  
UGC NET, GSET Qualified  
Teaching Experience: 21 Years  
Subjects: Software Engineering,  
Smart Device Computing using(iOS / Android)  
Area of Research: Image Processing

## **Dr. Parul Patel**

## **Assistant Professor**



Qualification: Ph.D., M.Sc. (I.T.), GSET Qualified  
Teaching Experience: 18 Years  
Subjects: C Programming, Information  
Security and Applications, Advanced  
Computer Network, DBMS  
Area of Research: Information Retrieval,  
Natural Language Processing, Machine Learning

## **Dr. Dilber Mehta**

## **Assistant Professor**



Qualification: Ph.D. (British Literature),  
M.Phil., M.A. (English), B.Ed.  
Teaching Experience: 19 Years  
Subjects: Communication Skills, Business  
Communication Skills, Soft Skills  
Area of Research: British Literature and ELT

## **Dr. Hitesh Lad**

## **Assistant Professor**



Qualification: Ph.D., M.Phil., M.Sc. (Electronics)

Teaching Experience: 15 Years

Subjects: Fundamental of Electronics,  
Embedded System and Internet of Things,  
Microprocessor, Wireless Communication

Area of Research: Embedded Systems,  
Internet of Things

## **Dr. Veena Jokhakar**

## **Assistant Professor**



Qualification: Ph.D., M.Sc. (I.T.)

Industrial Experience: 2 Years

Teaching Experience: 15 Years

Subjects: Java, Business Intelligence,  
System Analysis and Design,

Python and Data Science

Area of Research: Data Warehouse, Data Mining

# ADMISSIONS

**Duration of Course: 2 Years**

## **CRITERIA:**

The candidate who has passed one of the following examination and secure 50% or more marks in aggregate:

## **TOTAL INTAKE – 85**

- 4 Seats are reserved under sports quota.
- 6 Supernumerary seats are available under NRI/NRI sponsored category.
- Allocation of seats will be on pro-rata basis of application received from BCA degree and OTHER THAN BCA degree.

**Any other equivalent degree in IT/Computer may be consider eligible if the candidate satisfied the equivalence criteria.**

## **Eligibility**

- B.C.A.
- B.Sc. (Computer Science)
- B.Sc. (Information Science)
- B.Sc. (Computer Application)
- B.Sc. (IT)
- B.E. (Computer)
- B.E. (Information Technology)

**M.Sc. (I.C.T)**

**ADMISSION**

**2025-2027**

## **QUOTA / RESERVATION / ALLOTMENT**

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- Quota / Reservation / Allotment, in-force from time to time as per university norms will be applicable.

<b>Category</b>	<b>Percentage</b>
Schedule Caste (S.C.)	7%
Schedule Tribe (S.T.)	15%
Socially and Educationally Backward Caste (S.E.B.C.)	27%
E.W.S.	10%
Physically Handicapped (PH)	3% (in respective categories)

- Admission to Sports Quota will be given as per direction of the university.
- Kashmiri migrants will get the admission as per the university rules.

**Note: University reserve rights to change total intake /Quota / Reservation / Allotment mentioned above.**

## **Documents to be attached with the online application**

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The Candidate shall submit the self attested copies of the following documents along with the print out of the registration form at the Help Centre.

- ✓ Final Year Marksheets of Qualifying Exam
- ✓ S.S.C. Examination (Std.10<sup>th</sup>) Mark sheet
- ✓ H.S.C. Examination (Std.12<sup>th</sup>) Mark sheet
- ✓ School Leaving Certificate, Transfer Certificate or Migration Certificate.
- ✓ Caste Certificate for a candidate belonging to Scheduled Castes (SC) / Scheduled Tribes (ST) and Socially and Educationally Backward Classes (SEBC) issued by the authority empowered by the Gujarat State Government in this behalf / Certificate of E.W.S. (If Applicable only).
- ✓ Non Creamy Layer (NCL) Certificate of the family, issued after 1<sup>st</sup> April of The relevant academic year, by the authority empowered by the State Government in this behalf. (If Applicable only)
- ✓ Certificate of Physical Disability, issued and duly signed by the Civil Surgeon / Competent
- ✓ Certificate for achievement in sports (if seeking admission in sports quota)
- ✓ Any other document as asked by the form

# COURSE FEES

- Admission to the M.Sc. (I.C.T.) course will be as per University PG admission rules.

Year / Semester	Fees
M.Sc. (I.C.T.) Semester 1 to 4	Rs. 27,300/- per Semester
M.Sc. (I.C.T.) 1 <sup>st</sup> and 2 <sup>nd</sup> Year (NRI/NRI sponsored candidates)	US\$ 1500 per Year

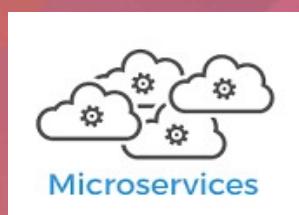
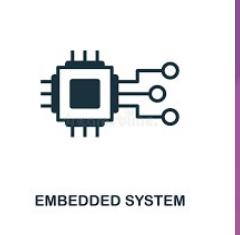
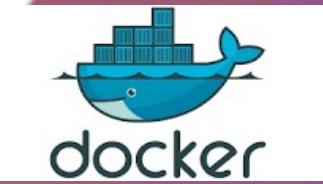
- Additional fees per semester towards registration fees, library fees, Student union fees, campus development fees, examination fees etc. shall be collected separately as per the university rules.
- An approximate 20% increase in fees will be binding on students enrolling in the academic year 2025-2026.
- **Note:- University may revise fees from time to time and the students may have to pay fees as per the Gujarat government norms.**
  - Since the process of increasing the fees mentioned in the prospectus is currently underway, there is a possibility of an increase of approximately 20%. Therefore, the increase in fees will be binding on the students who get admission during the academic year: 2025-2026.
  - The university hostel can accommodate a very small number of students. Hostel facilities may not be available to every student who gets admission.
  - Department timing will be between 8:00 AM to 6:00 PM, depending on the availability of staff members and physical infrastructure. The student taking admission in the course will have to follow a time table decided by the department. Department may offer admission in Morning or Afternoon shifts and students taking admission in the course will have to follow a time table decided by the department.

# Technologies included as per latest industry trends and requirements

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Google Cloud Platform



**M.Sc. (I.C.T.) –**  
**Two Year Post Graduate Programme**

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**SEMESTER – I**

<b>Subject Code</b>	<b>Subject Title</b>	<b>Description</b>
101	Frontend Development using React.js	HTML, CSS, JavaScript, React.js, XML, JSON, jQuery
102	Enterprise Java	JSF, Spring, Servlets, EJB, JMS, JPA, REST, Enterprise Security
103	Information Security and Applications	Cryptography- DES, AES, RSA, MD5, SHA, IP Security, SSL
104	Advanced Computer Network	TCP/IP Model, IP Addressing, TCP, UDP, FTP, TFTP, SNMP
105	Practical – 1	Based on Paper No. 101 - Frontend Development using React.js
106	Practical – 2	Based on Paper No. 102 - Enterprise Java
107	Part Time Project 1	

## SEMESTER – II

<b>Subject Code</b>	<b>Subject Title</b>	<b>Description</b>
<b>201</b>	Block chain Computing	Cryptographic hashing, block chain, Cryptocurrencies, Smart Contracts, Hyperledger, NFT, Usecases
<b>202</b>	Application Development using .NET Core	C# .NET Core, ASP .Net Core MVC, RESTful API
<b>203</b>	Elective 1: Smart Device Computing using iOS Elective 2: Smart Device Computing using Android	Swift, Design Patterns Android, Kotlin Programming
<b>204</b>	Digital Communication	FDM, TDMA, WDM, WiFi, WiMAX, 4G, 5G, M2M
<b>205</b>	Practical - 3	Based on Paper No. 202 Application Development using .NET Core
<b>206</b>	Practical - 4	Based on elective Paper No. 203 (Elective 1: Smart Device Computing Using iOS Elective 2: Smart Device Computing Using Android)
<b>207</b>	Part Time Project 2	

## SEMESTER – III

<b>Subject Code</b>	<b>Subject Title</b>	<b>Description</b>
301	Introduction to Python and Data Science	Essential Statistics for Data Science, Python libraries, Descriptive and Predictive Modeling
302	Data Communication and Internet of Things	Raspberry pi and Arduino H/W platforms, Python Programming for IOT
303	Cloud Computing	AWS, Azure, Google Cloud, Micro Services, CI/CD, DevOps
304	Open Source Web Development	Nodejs, Express, PHP, MySQL, REST API GraphQL, Laravel, MVC Pattern, Git, MongoDB
305	Practical - 5	Based on Paper No. 301 and 303
306	Practical - 6	Based on Paper No. 304
307	Part Time Project 3	

## SEMESTER – IV

<b>Subject Code</b>	<b>Subject Title</b>	<b>Description</b>
401	Project	6 months full time industry project

# E-Learning Initiative :



Sr. No.	Name of the Course	Enrolled Students from Semester	Course Badge
1	AWS Academy Introduction to Cloud Semester 1	M.Sc. (IT) 5 <sup>th</sup> M.Sc. (IT) 6 <sup>th</sup> M.Sc. (IT) 7 <sup>th</sup> M.Sc. (IT) 9 <sup>th</sup> M.Sc. (ICT) 3 <sup>rd</sup>	A shield-shaped badge with a black border. Inside, the AWS logo is at the top, followed by the word "ACADEMY" in a smaller font. Below that, the text "Introduction to Cloud Semester 1" is centered in a bold, sans-serif font.
2	AWS Academy Introduction to Cloud Semester 2	M.Sc. (IT) 8 <sup>th</sup> M.Sc. (IT) 9 <sup>th</sup> M.Sc. (ICT) 3 <sup>rd</sup>	A shield-shaped badge with a black border. Inside, the AWS logo is at the top, followed by the word "ACADEMY" in a smaller font. Below that, the text "Introduction to Cloud Semester 2" is centered in a bold, sans-serif font.
3	AWS Academy Machine Learning Foundation	M.Sc. (IT) 9 <sup>th</sup> M.Sc. (ICT) 3 <sup>rd</sup>	A shield-shaped badge with a black border. Inside, the AWS logo is at the top, followed by the word "ACADEMY" in a smaller font. Below that, the text "Machine Learning Foundations" is centered in a bold, sans-serif font.

# Achievements

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National Level Teachers Robotics Competition 2024 - Dr. Shailesh Chaudhari and Dr. Hitesh Lad from the Department of ICT secured a winning position in the Grand Finale.



# Achievements

Expert Lecture by Mrs. Devanshi Solanki , Mr. Divyesh from Incubation center VNSGU on “University SSIP”.



# Expert Lecture

Expert Lecture by Mr. Ankesh Maradia (CEO, Xtreme Thoughts, Surat) on “Azure Data Factory”.



# Expert Lecture

Expert Lecture by Mr. Mr. Keyur Patel(Associate Software engineer, Inkey Solutions, Surat) on “Introduction to Power BI, Tabular modelling”



# Expert Lecture

Expert Lecture by Ms. Nency Patel(Associate Software engineer, Inkey Solutions, Surat) on “Introduction to Power Platform: Power apps- Canvas and Model driven apps”.



GPS Map Camera



Surat, Gujarat, India

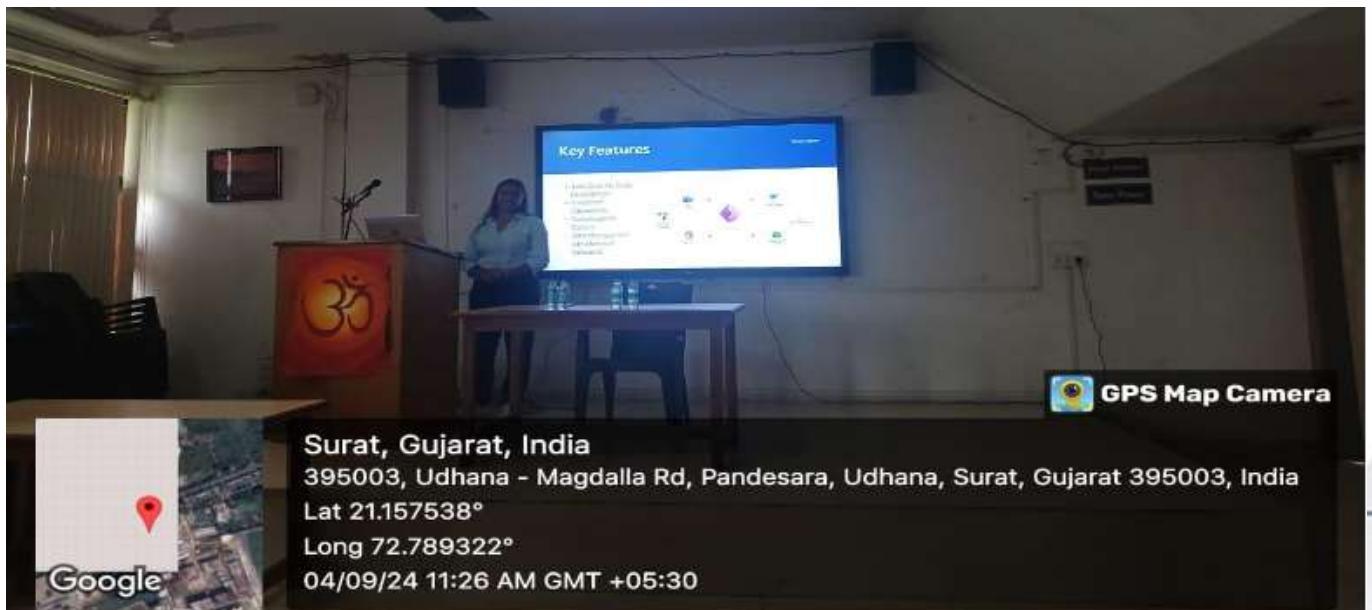
395003, Udhana - Magdalla Rd, Pandesara, Udhana, Surat, Gujarat 395003, India

Lat 21.157538°

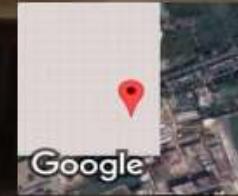
Long 72.789322°

Google

04/09/24 11:27 AM GMT +05:30



GPS Map Camera



Surat, Gujarat, India

395003, Udhana - Magdalla Rd, Pandesara, Udhana, Surat, Gujarat 395003, India

Lat 21.157538°

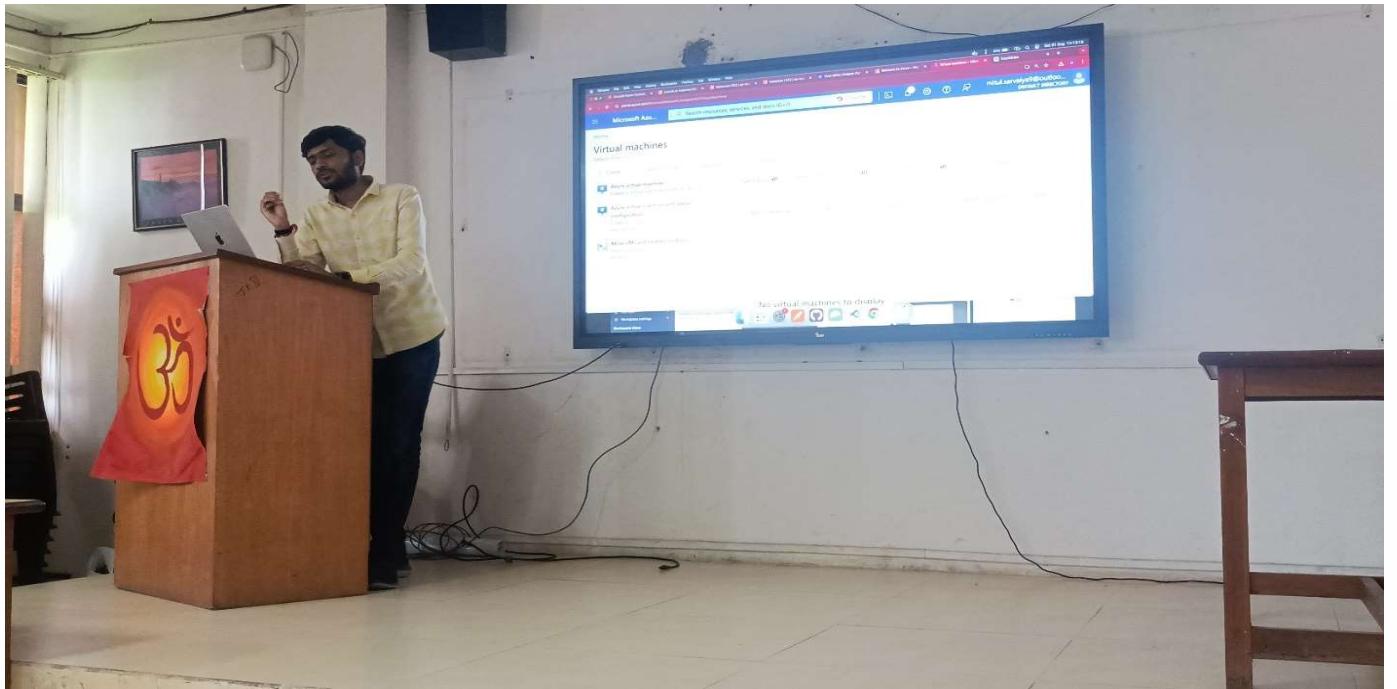
Long 72.789322°

Google

04/09/24 11:26 AM GMT +05:30

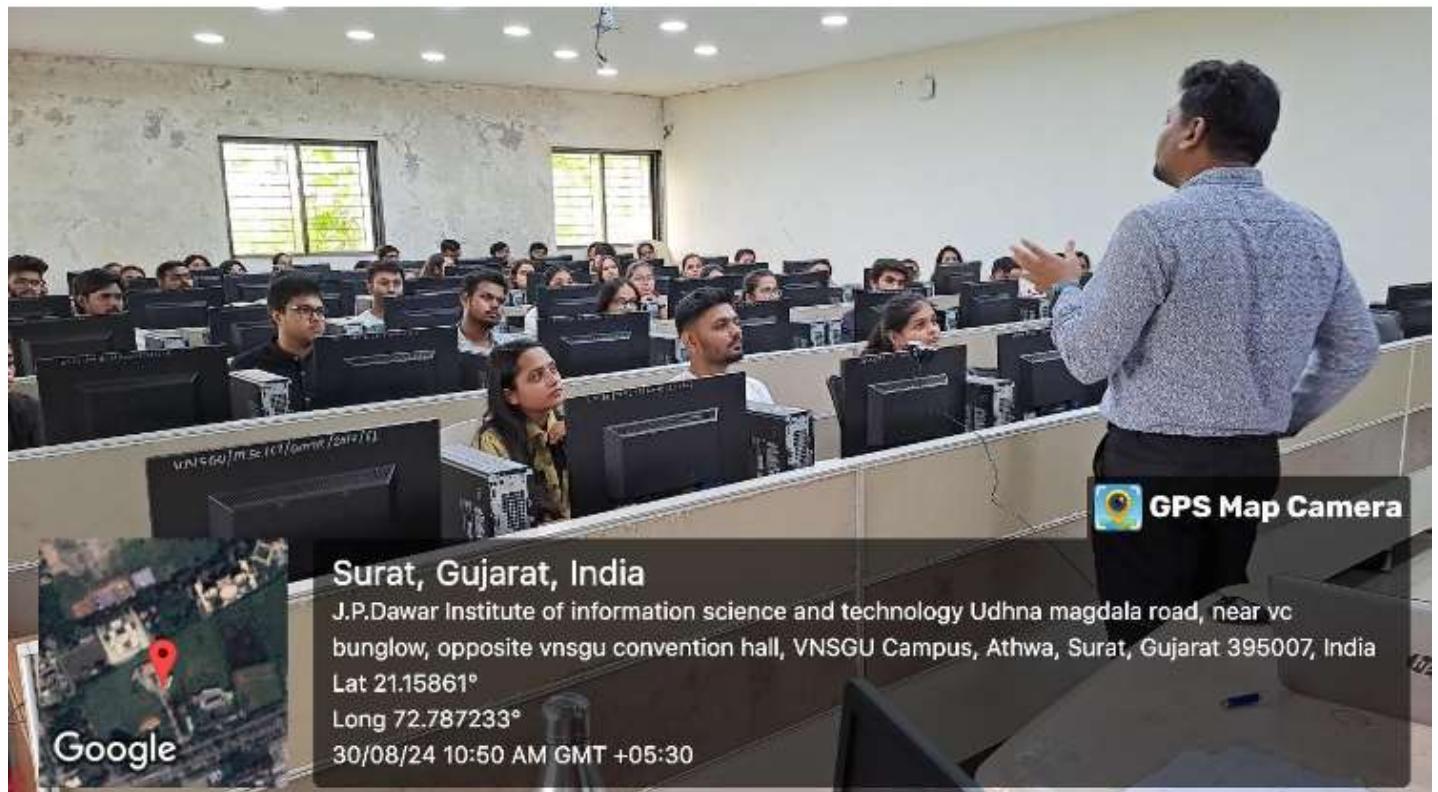
# Expert Lecture

**Expert Lecture by Mr. Mitul Sarevaiya (Start-Up consultant on Generative AI) on “Azure web services”.**



# Workshop

Workshop by Dr. Mayur Ghadge, (Senior AI/ML engineer, Narola Infotech, Surat) on “Deep Learning”



# Workshop

Workshop on “Python” by Dr. Shailesh Chaudhari & Dr.Hitesh Lad  
(Assistant Professor, Dept. of ICT, Surat.)



# Tree Plantation Program



Follow us:

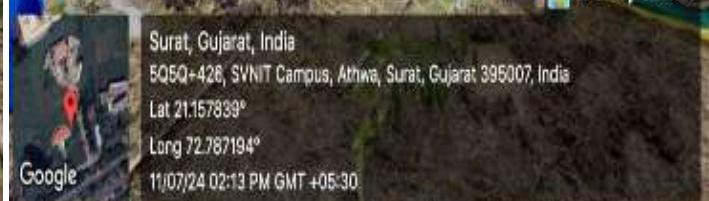
## વृक्षारोपण કાર્યક્રમ

સમય: બપોરે 2 કલાકે  
તારીખ: 11 જુલાઈ 2024

ડૉ. ડિલોરસિંહ ખોન, ચાયડા  
કુલપતિ, વીરનાર્મદ યોસણી

ડૉ. રમેશદાન ગાડવી  
કુલસાયિય, વીરનાર્મદ યોસણી

સ્થળ: J P Dawar Institute of Information  
Technology (Msc IT)



# Swachhata hi Seva-Cleanliness Drive



# Clubs and its Activities

Our commitment to fostering well-rounded individuals extends beyond the classroom. On 2nd March 2023, the Department of Veer Narmad South Gujarat University, J. P. Dawer Institute of Information Science & Technology, Department of I.C.T, M.Sc. (I.T.), and M. Sc. (I.C.T.) launched a vibrant club scene. Students can now explore their passions and develop valuable skills through clubs like the AI/ML & IoT Club, Indian Knowledge System Club, Cloud Club, and Personality Development Club. This initiative provides a platform for collaboration, knowledge sharing, and personal growth, ensuring a truly enriching academic experience.

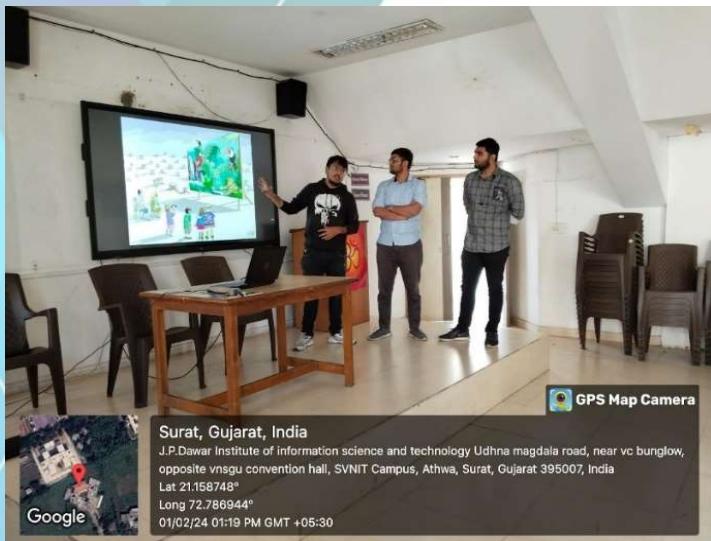
## 1. Personality Development Club:

- To help students develop well-rounded personalities that encompass confidence, communication skills, leadership qualities, and positive self-esteem.
- The club also facilitates online exams for placement preparation and skill improvement, as well as self-learning modules for enhancing foreign language skills.
- Leadership Team: Dr.Dilber Mehta as Mentor, Poojan Gheewala as President, Diksha Jain (VP), and Harsh Virsavelya as Co-ordinator.

## Activities:

- Workshops on public speaking, presentation skills, and effective communication.
- Extempore competition to test students' ability to think critically and speak confidently on a random topic.
- Personality enhancement activities to help students improve their overall persona.





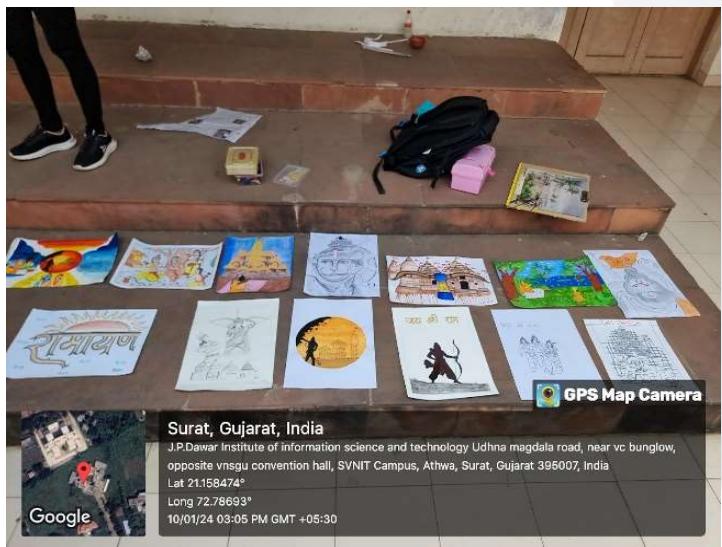
## 2. Indian Knowledge System Club:

To explore, understand, and appreciate the rich heritage of Indian knowledge systems, encompassing various disciplines like Ayurveda, Yoga, Sanskrit, Vedic mathematics, and philosophy. Leadership Team: Dr .Kamlendu Pandey as Mentor, Sakshi Maisuria as president, Tamanna Shah as vice-president and Jainish Shah as Co-ordinator.

### Activities:

- Essay writing on The Enduring Relevance of Ramayana in Modern Times." This prompts students to analyze the timeless values and lessons embedded in the Ramayana.
- Drawing competition with theme "Scenes from the Ramayana." This allows artistic expression of various significant events from the epic.



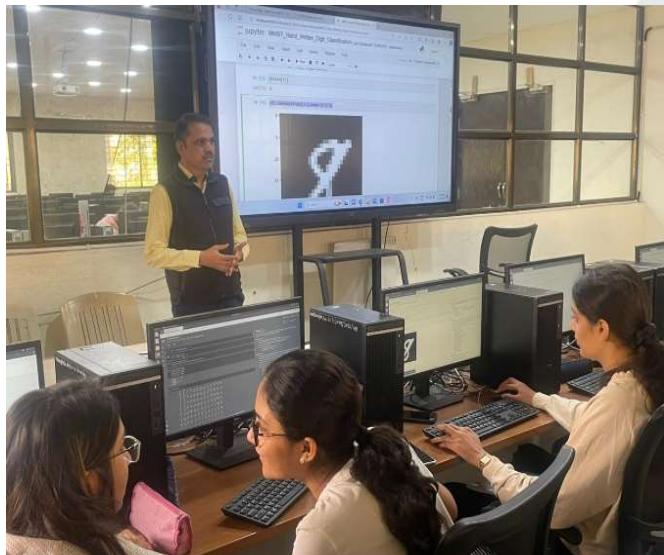
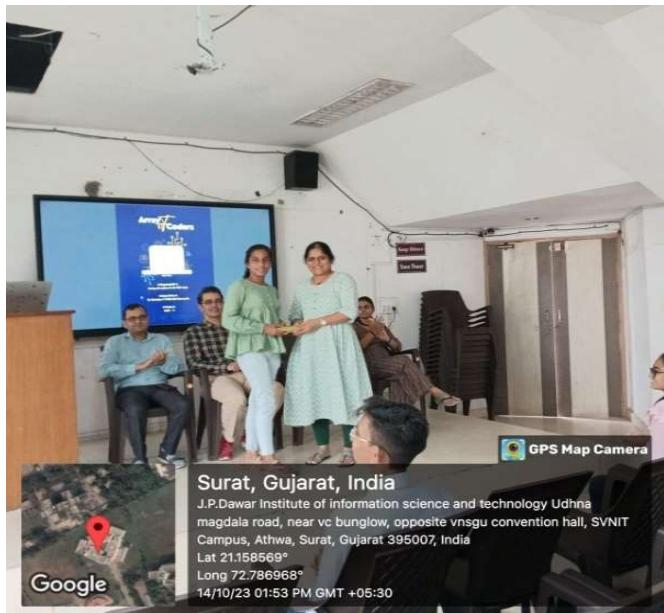
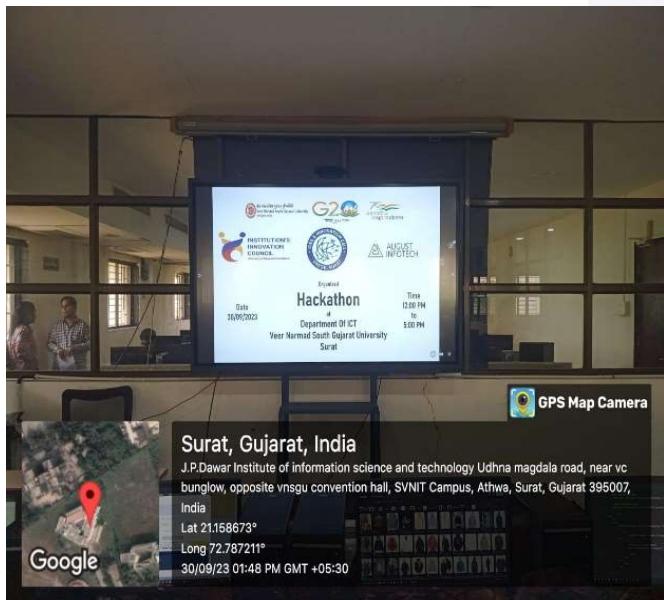


### 3. AI/ML & IoT Club:

- To create a platform for students interested in Artificial Intelligence (AI) / Machine Learning and Internet of Things (IoT) technologies.
- The club aims to foster learning, collaboration, and innovation in these rapidly evolving fields.
- Leadership Team: Dr. Shailesh Chaudhari and Dr.Hitesh Lad as mentors, Vivek Lakhani as president, Arin Dhimar as vice-president, and Vraj Suratwala, Riya Vesuwala, Rushil Mehta, Vasu Bhuva, Krishna Patel as co-ordinators.

### Activities:

- Organize Hackathons where teams compete to develop AI or IoT solutions for specific problems.
- Bermuda Triangle event had successfully combined technical excellence with the development of essential soft skills.
- Machine Learning workshop to enhance student's practical skills and employability.
- Array of coders Knowledge training. Slogan “For the students by the students”.
- Workshop and Hands-on session on AI/ML from 04th Jan 2024 to 13th Jan 2024 was conducted by Dr. Shailesh Chaudhari.



## 4. Cloud Club:

- To provide a platform for students interested in computer science and technology to network, collaborate, and share knowledge.
- To promote awareness and understanding of current trends and advancements in the field of cloud computing.
- Leadership Team: Dr. Dhaval Joshi as mentor, Harsh Gajjar as president, Darshan Kanani as vice-president, and Krishnaya Vesuwala, Darshan Galani, Srushti Bhatt as co-ordinator.
- Leadership Team: Dr. Dhaval Joshi as mentor, Harsh Gajjar as president, Darshan Kanani as vice-president, and Krishnaya Vesuwala, Darshan Galani, Srushti Bhatt as co-ordinator.

## Activities:

- The ICT Project Demonstration event showcased innovation and collaboration among students and faculty, fostering knowledge-sharing and creativity. It exemplified the department's commitment to nurturing talent and a collaborative environment.



# Alumni Entrepreneurs Wall, DICT

## Alumni Entrepreneurs Wall

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 Company: Wokontech IT Solution Name: Jemish Gopani Batch: M.Sc. ITCI Batch 2015 Email: <a href="mailto:jemishgopani99@gmail.com">jemishgopani99@gmail.com</a> Website: <a href="http://www.wokontech.com">www.wokontech.com</a>	 Company: ICED INFOTECH Name: Niral Shah Batch: M.Sc. ITI Batch 2008 Email: <a href="mailto:niralshah99@gmail.com">niralshah99@gmail.com</a> Website: <a href="http://www.icedinfotech.com">www.icedinfotech.com</a>	 Company: WebAshlar Name: Anand Agrawal Batch: M.Sc. ITI Batch 2008 Email: <a href="mailto:anand.agrawal@webashlar.com">anand.agrawal@webashlar.com</a> Website: <a href="http://www.webashlar.com">www.webashlar.com</a>	 Company: XTREME THOUGHTS SoftTech Name: Ankesh Maradi Batch: M.Sc. ITI Batch 2005 Email: <a href="mailto:ankeshmaradi99@gmail.com">ankeshmaradi99@gmail.com</a> Website: <a href="http://www.xtremethoughts.com">www.xtremethoughts.com</a>	 Company: GVM Technologies LLP Name: Anvesh Prajapati Batch: M.Sc. ITI Batch 2012 Email: <a href="mailto:anvesh.prajapati@gvmtech.com">anvesh.prajapati@gvmtech.com</a> Website: <a href="http://www.gvmttech.com">www.gvmttech.com</a>	 Company: GENERATION NEXT Name: Arjun Bhatt Batch: M.Sc. ITI Batch 2008 Email: <a href="mailto:arjun.bhatt@gennext.com">arjun.bhatt@gennext.com</a> Website: <a href="http://www.gennext.com">www.gennext.com</a>	 Company: SOFTNDESIS Name: Chirag Lukhi Batch: M.Sc. ITI Batch 2012 Email: <a href="mailto:chirag.lukhi@softndesis.com">chirag.lukhi@softndesis.com</a> Website: <a href="http://www.softndesis.com">www.softndesis.com</a>	 Company: ENGRASS INFOTECH Name: Keyur Limbachiyा Bipin Jain Batch: M.Sc. ITI Batch 2010 Email: <a href="mailto:limbachiyakeyur@gmail.com">limbachiyakeyur@gmail.com</a> Website: <a href="http://www.engrassinfotech.com">www.engrassinfotech.com</a>	 Company: PURE ITES Limited Name: Nilesh Paragi Batch: M.Sc. ITI Batch 2003 Email: <a href="mailto:nileshparagi99@gmail.com">nileshparagi99@gmail.com</a> Website: <a href="http://www.pureites.com">www.pureites.com</a>	 Company: PSK TECHNOLOGY Name: Kirtikumar Avaiya Batch: M.Sc. ITCI Batch 2012 Email: <a href="mailto:kirtikumar.avaiya@gmail.com">kirtikumar.avaiya@gmail.com</a> Website: <a href="http://www.psktechnology.com">www.psktechnology.com</a>	 Company: SAHAJANAND INFOTECH Name: Hardik Kavadiya Batch: M.Sc. ITI Batch 2018 Email: <a href="mailto:hardik.kavadiya99@gmail.com">hardik.kavadiya99@gmail.com</a> Website: <a href="http://www.sahanandinfotech.com">www.sahanandinfotech.com</a>	 Company: NirmanLab Name: Milan Savaliya Batch: M.Sc. ITI Batch 2016 Email: <a href="mailto:mlsavaliya99@gmail.com">mlsavaliya99@gmail.com</a> Website: <a href="http://www.nirmanlab.com">www.nirmanlab.com</a>	

## Alumni Entrepreneurs Wall

 Company: Softpulse Infotech Name: Rahul Bhise Sandip Harkhani Batch: M.Sc. ITI Batch 2010 Email: <a href="mailto:rahulbhise99@gmail.com">rahulbhise99@gmail.com</a> Website: <a href="http://www.softpulseinfotech.com">www.softpulseinfotech.com</a>	 Company: DAVS Name: Rekhank Solanki Batch: M.Sc. ITI Batch 2010 Email: <a href="mailto:rekhank.solanki99@gmail.com">rekhank.solanki99@gmail.com</a> Website: <a href="http://www.davssoftwares.com">www.davssoftwares.com</a>	 Company: Forum Marfatia Digital Marketing Training Name: Forum Marfatia Batch: M.Sc. ITCI Batch 2013 Email: <a href="mailto:forummarfatia99@gmail.com">forummarfatia99@gmail.com</a> Website: <a href="http://www.forummarfatia.com">www.forummarfatia.com</a>	 Company: Winter Infotech Name: Romit Gabani Batch: M.Sc. ITCI Batch 2011 Email: <a href="mailto:romit.gabani99@gmail.com">romit.gabani99@gmail.com</a> Website: <a href="http://www.winterinfotech.com">www.winterinfotech.com</a>	 Company: Inventam Name: Harin Desai Ishani Desai Batch: M.Sc. ITI Batch 2015 Email: <a href="mailto:harin.desai99@gmail.com">harin.desai99@gmail.com</a> Website: <a href="http://www.inventam.com">www.inventam.com</a>	 Company: WebOsmotic Name: Upal Jain Batch: M.Sc. ITI Batch 2006 Email: <a href="mailto:upal.jain99@gmail.com">upal.jain99@gmail.com</a> Website: <a href="http://www.webosmotic.com">www.webosmotic.com</a>	 Company: OMTECWEB Name: Tarang Patel Batch: M.Sc. ITCI Batch 2007 Email: <a href="mailto:tarang.patel99@gmail.com">tarang.patel99@gmail.com</a> Website: <a href="http://www.omtecweb.com">www.omtecweb.com</a>	 Company: Jaiminini Software Name: Patel Nilam Batch: M.Sc. ITI Batch 2006 Email: <a href="mailto:patel.nilam99@gmail.com">patel.nilam99@gmail.com</a> Website: <a href="http://www.jaiminini.com">www.jaiminini.com</a>	 Company: Metanoia Infotech Name: Nehal Patel Batch: M.Sc. ITI Batch 2018 Email: <a href="mailto:nehal.patel99@gmail.com">nehal.patel99@gmail.com</a> Website: <a href="http://www.metanoiainfotech.com">www.metanoiainfotech.com</a>	 Company: StackApp Infotech Name: Dodiya Nihar Batch: M.Sc. ITI Batch 2017 Email: <a href="mailto:dodiyanihar99@gmail.com">dodiyanihar99@gmail.com</a> Website: <a href="http://www.stackappinfotech.com">www.stackappinfotech.com</a>	 Company: InfoWeb Solution Name: Sunny Chelli Batch: M.Sc. ITCI Batch 2008 Email: <a href="mailto:sunny.chelli99@gmail.com">sunny.chelli99@gmail.com</a> Website: <a href="http://www.infoweb-solution.com">www.infoweb-solution.com</a>	 Company: HANDS TOGETHER Tech Name: Sagar Bhatt Batch: M.Sc. ITCI Batch 2011 Email: <a href="mailto:sagar.bhatt99@gmail.com">sagar.bhatt99@gmail.com</a> Website: <a href="http://www.hands-together.com">www.hands-together.com</a>	 Company: PAR EXCELLENCE IT Solutions Name: Jitesh Prajapati Batch: M.Sc. ITCI Batch 2007 Email: <a href="mailto:jitesh.prajapati99@gmail.com">jitesh.prajapati99@gmail.com</a> Website: <a href="http://www.par-excellence.com">www.par-excellence.com</a>
 Company: i-Pangram Digital Services LLP Name: Jaykishan Vansadawala Batch: M.Sc. ITI Batch 2006 Email: <a href="mailto:jaykishan.vansadawala99@gmail.com">jaykishan.vansadawala99@gmail.com</a> Website: <a href="http://www.ipangram.com">www.ipangram.com</a>	 Company: Design The Dots Name: Zebin Raja Batch: M.Sc. ITI Batch 2010 Email: <a href="mailto:zebin.raja99@gmail.com">zebin.raja99@gmail.com</a> Website: <a href="http://www.designthedots.com">www.designthedots.com</a>	 Company: GOUP TECHNOLOGIES Name: Sandip Shirasula Puran Topiwala Batch: M.Sc. ITI Batch 2011 Email: <a href="mailto:sandip.shirasula99@gmail.com">sandip.shirasula99@gmail.com</a> Website: <a href="http://www.gouptechnologies.com">www.gouptechnologies.com</a>	 Company: SolwinInfotech LLP Name: Sanjay Dabholiya Batch: M.Sc. ITCI Batch 2007 Email: <a href="mailto:sdabholiya99@gmail.com">sdabholiya99@gmail.com</a> Website: <a href="http://www.solwininfotech.com">www.solwininfotech.com</a>	 Company: V2WEB Solutions Name: Hasmal Shah Batch: M.Sc. ITI Batch 2008 Email: <a href="mailto:hasmal.shah99@gmail.com">hasmal.shah99@gmail.com</a> Website: <a href="http://www.v2websolutions.com">www.v2websolutions.com</a>	 Company: GENISYS Name: Siddharth Sarafle Ashish Rana Jignesh Pandas Batch: M.Sc. ITI Batch 2016 Email: <a href="mailto:siddharth.sarafle99@gmail.com">siddharth.sarafle99@gmail.com</a> Website: <a href="http://www.genysis.com">www.genysis.com</a>	 Company: BHARATECH LABS Name: Moiz Palitanawala Batch: B.Sc. ITI Batch 2014 Email: <a href="mailto:moiz.palitanawala99@gmail.com">moiz.palitanawala99@gmail.com</a> Website: <a href="http://www.bharatech-labs.com">www.bharatech-labs.com</a>	 Company: Webby Infotech Name: Kuldeep Shah Batch: M.Sc. ITI Batch 2008 Email: <a href="mailto:kuldeep.shah99@gmail.com">kuldeep.shah99@gmail.com</a> Website: <a href="http://www.webbyinfotech.com">www.webbyinfotech.com</a>	 Company: LOGOTECH BARCODE Name: Rajiv Batra Batch: M.Sc. ITCI Batch 2007 Email: <a href="mailto:rajiv.batra99@gmail.com">rajiv.batra99@gmail.com</a> Website: <a href="http://www.logotechbarcode.com">www.logotechbarcode.com</a>	 Company: Beyond Byte Solution Name: Piyush Saraf Batch: M.Sc. ITI Batch 2008 Email: <a href="mailto:piyush.saraf99@gmail.com">piyush.saraf99@gmail.com</a> Website: <a href="http://www.beyondbytesolution.com">www.beyondbytesolution.com</a>	 Company: DigiEn Infosoft LLP Name: Urvi Adhvaryu Batch: M.Sc. ITI Batch 2010 Email: <a href="mailto:urvi.adhvaryu99@gmail.com">urvi.adhvaryu99@gmail.com</a> Website: <a href="http://www.digieninfosoft.com">www.digieninfosoft.com</a>	 Company: APP GAMBIT Name: Dhaval Nagar Batch: M.Sc. ITI Batch 2006 Email: <a href="mailto:dhaval.nagar99@gmail.com">dhaval.nagar99@gmail.com</a> Website: <a href="http://www.appgambit.com">www.appgambit.com</a>	



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