

**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)  
2023-2025**



The vision of Veer Narmad South Gujarat University as per the University Act, 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, is also accredited with 'A' grade with 3.02 CGPA in 2017. The university was originally established under the South Gujarat University Act, 1965 passed by the Gujarat State Legislative Assembly. It became functional from the academic year of 1966 and was incorporated as a University on 23 May, 1967. Recognized by the University Grants Commission in 1968, it was renamed as Veer Narmad South Gujarat University in 2004 after the great Gujarati poet Narmad, Narmadshankar Lalshankar Dave. 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.





## **HONORABLE VICE CHANCELLOR'S MESSAGE**

It gives me immense pleasure to lead Veer Narmad South Gujarat University and be a part of the extended academic family. I am elated to welcome the students from different parts of the world to various graduate and post-graduate programmes. The University has a rich legacy of more than 50 years and today the alumni of the university with their outstanding credentials have spread their fragrance in different corners of the world.

I feel proud to introduce two unique courses in information technology running on the university campus, M.Sc.IT (5 Year Integrated Course) and M.Sc.ICT (2 Year Integrated PG Course) that have added a new feather to the university. In the era of technology and digitization, these courses open up various possibilities for the young minds in software development and IT Industry. The institute has made its mark with several students placed in leading IT Companies throughout the world and also owning their own software companies.

As the fatherly figure, I welcome the aspiring minds to these courses to explore their potentials and dive in the pool of knowledge. My best wishes to the faculties and students in their endeavors .



## REGISTRAR'S MESSAGE

A warm welcome to all the students who aspire to be a part of the intellectual fraternity at Veer Narmad South Gujarat University. The university has attained many milestones and is emerging as an institution of quality learning with integrated academic programmes.

The university puts in continuous efforts to make a unique brand in quality education and offer leadership by way of differentiation in all its intellectual pursuits. The online admission process initiated by the university has made the functioning more easier, faster and transparent.

The main focus is on development of contemporary curriculum, meeting benchmarks of quality assurance, development of a healthy academic governance structure, providing updated research support and preparing industry ready professionals.

As a facilitator, I would like to extend my helping hand to the ICT department in all their endeavors and wish that the department continues to flourish. I also welcome the young students to the ICT family in order to fulfil their dreams and become eminent intellectuals.



# 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 impart 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

- **Theatre-type Classrooms with Smart Board and DLP Projector (Two)**

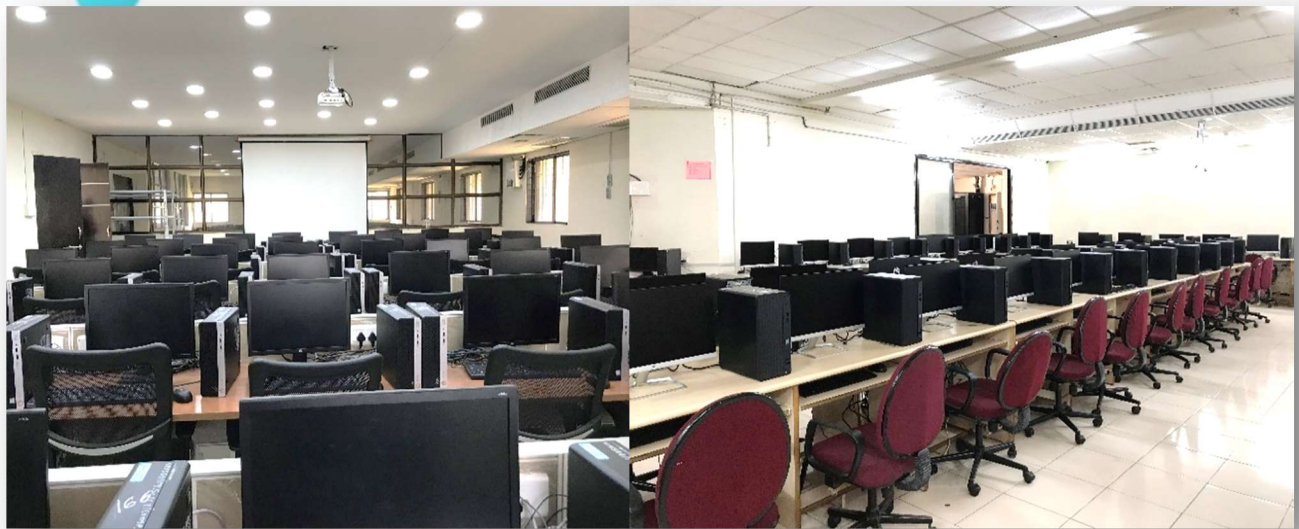


- **Spacious Classrooms with DLP Projectors (Eights)**





- **Computer Laboratories (Seven)**



- **Library**



- **Seminar Hall (with capacity of 120 persons)**





- **An AMPHI Theatre with a capacity to accommodate 900 people**



- **Server Room**



- **Canteen**





# **OTHER FACILITIES**

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- **IoT Laboratory (One)**
- **Faculty Rooms (Seventeen)**
- **Common Room**
- **Meeting Room**
- **Strong Room**
- **Girl's Room**
- **Administration Office Room**

# OTHER RESOURCES

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<b>Resource:</b>	<b>Details</b>
<b>Internet:</b>	Fiber Optic Internet Connection
<b>Server:</b>	1 IBM BladeCenter Blade Server with 3 blades (each with Intel Xeon Processor 2.5 GHz, 2 GB RAM, 300 GB HDD)  1 IBM System x3650 M3 Rack Server (with Xeon Processor, 4 GB RAM, 1 TB HDD)
<b>GPU:</b>	1 HP Z4 G4 Workstation, Intel® Xeon® W-2265  CPU@ 3.50 GHZ, 64 GB RAM, 2 TB SSD
<b>Desktop:</b>	120 HP (with i7 Processor 2.90 GHz, 16 GB RAM, 1 TB HDD)  100 HP (with i7 Processor 3.60 GHz, 8 GB RAM, 1 TB HDD)  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)  15 Lenovo (with i5 Processor 3.40 GHz, 4 GB RAM, 500 GB HDD)  9 Mac (with i5 Processor 2.5 GHz, 4 GB RAM, 500 GB HDD)



	12 Mac mini (with i5 Processor 1.40 GHz, 4 GB RAM, 500 GB HDD)
<b>Panel:</b>	2 Interactive Panel
<b>Laptop:</b>	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)
<b>Storage:</b>	QNAP NASBox (TVS 471-I3-4G) with 4 TB Storage
<b>Software:</b>	<ol style="list-style-type: none"> <li>1. Eset End Point Security Business Edition</li> <li>2. Microsoft Campus License (Product Code: 2UJ-00007)</li> <li>3. Microsoft Window 10 License</li> <li>4. Soul Software</li> </ol>
<b>Wi-Fi:</b>	12 Access Point
<b>UPS:</b>	2 Uninterrupted Power Supply (40 KVP) with 5 - hours battery backup
<b>CCTV:</b>	32 CCTV cameras

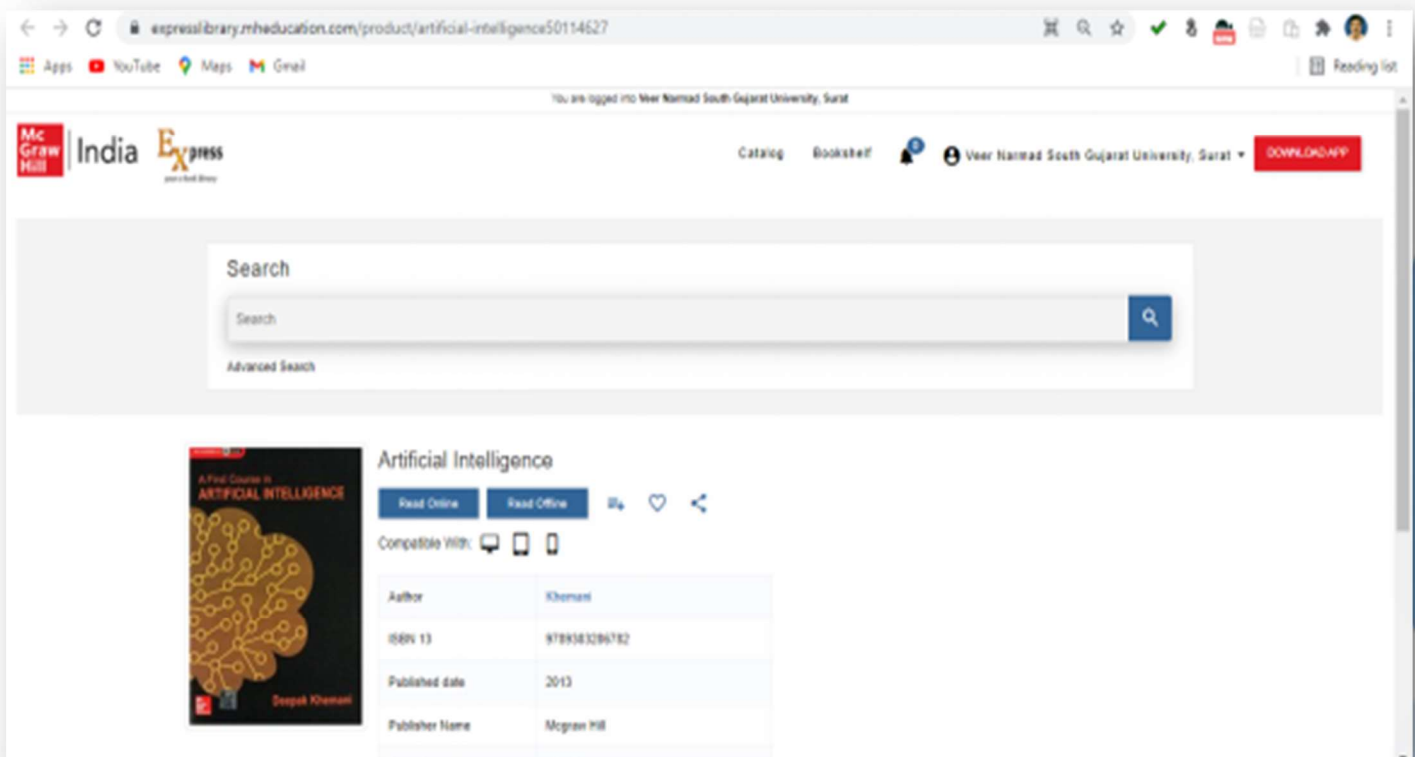
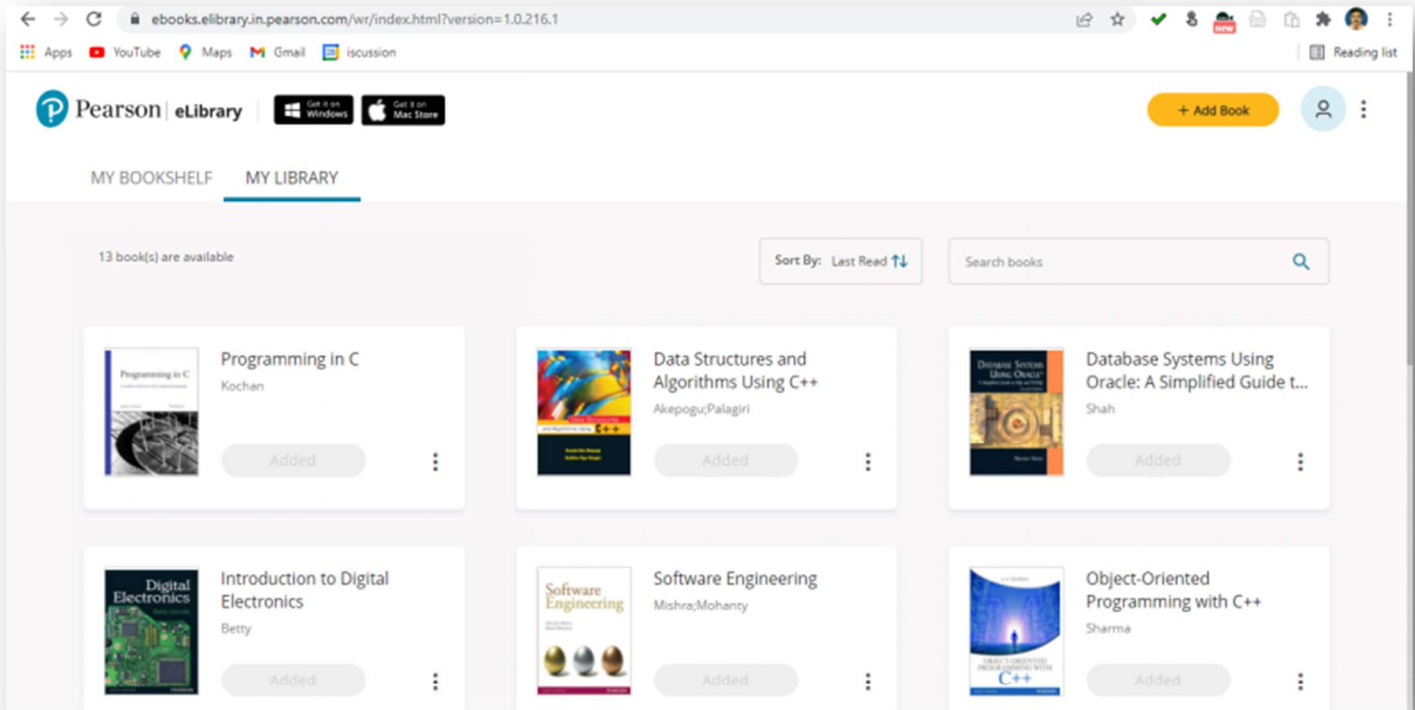
# eYantra Embedded Systems & Robotics Lab





# Learning Resources - Library

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





# FACULTY PROFILE

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**Dr. Pushpal Desai**

**Head of the Department  
Associate Professor**



Designation: Associate Professor  
Qualification: Ph.D. , MCA  
Teaching Experience: 22 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

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

**Dr. Kamalendukumar Pandey**

**Assistant Professor**



Qualification: Ph.D., MCA, ME, BE,  
GSLET Qualified  
Industrial Experience: 13 Years  
Teaching Experience: 17 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: 18 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: 17 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: 17 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: 19 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: 16 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: 17 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: 13 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: 13 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:

### **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**

## **2023-2025**

## **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.**

# QUOTA / RESERVATION / ALLOTMENT

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

Category	Percentage
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**

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 Marksheet 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

# ADMISSION PROCESS AND MERIT

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

<b>Year / Semester</b>	<b>Fees</b>
<b>M.Sc. (I.C.T.) Semester 1 to 4</b>	<b>Rs. 24,750/- per Semester</b>
<b>M.Sc. (I.C.T.) 1<sup>st</sup> and 2<sup>nd</sup> Year (NRI/NRI sponsored candidates)</b>	<b>US\$ 3000 per Year</b>

\*Additional fees per semester towards registration fees, library fees, identity card fees, Student Union fees, campus development fees etc. Shall be collected separately as per the University Rules.

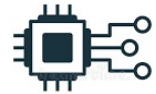
## **Note:**

- The course fees and other miscellaneous fees may be revised by the University. In such a case, students are liable to pay the fees as per university direction.
- The Fees Refund Rules are applicable as per the university norms.
- The admission taken on NRI/NRI sponsored seat shall not be transferred to any other quota.
- The fees once paid for NRI/NRI sponsored seat is not refundable.
- In case of any bank charges for NRI fee payment, has to be borne by the student in Indian rupees.

**Note: 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



EMBEDDED SYSTEM



Google Cloud Platform



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

## SEMESTER – I (Proposed Syllabus)

Subject Code	Subject Title	Description
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 (Proposed Syllabus)

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

## SEMESTER – III




Subject Code	Subject Title	Description
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

Subject Code	Subject Title	Description
401	Project	6 moths full time industry project



# E-Learning Initiative :

Sr. No.	Name of the Course	Enrolled Students from Semester	Course Badge
1	AWS Academy <b>Introduction to Cloud Semester 1</b>	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>	
2	AWS Academy <b>Introduction to Cloud Semester 2</b>	M.Sc. (IT) 8 <sup>th</sup> M.Sc. (IT) 9 <sup>th</sup> M.Sc. (ICT) 3 <sup>rd</sup>	
3	AWS Academy <b>Machine Learning Foundation</b>	M.Sc. (IT) 9 <sup>th</sup> M.Sc. (ICT) 3 <sup>rd</sup>	

# Industrial Visit at



**@Sahajanand Technologies Pvt. Ltd.** In the industrial visit, the students learn about the innovative robotic technologies and industrial grade machineries developed by STPL R&D Department. In this session, the center of discussion was emerging technological trends, role of information & communication technology in current industrial scenario with the brief idea about the working of STPL R&D Department.





# MIT World Peace University, Pune Visit

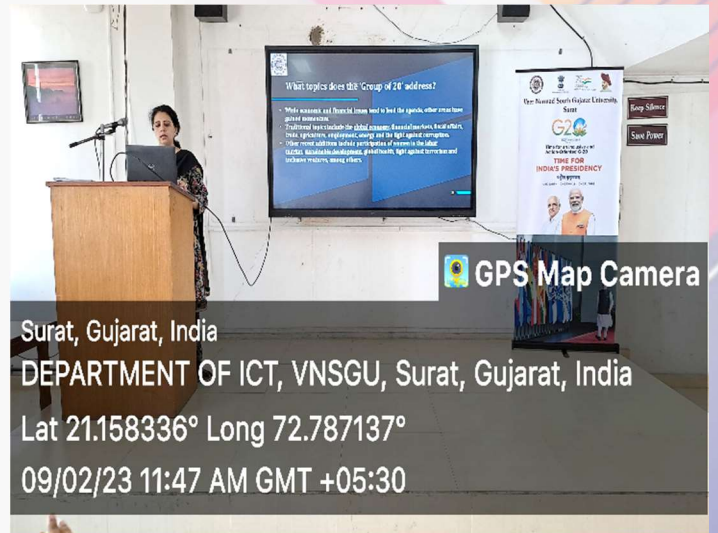
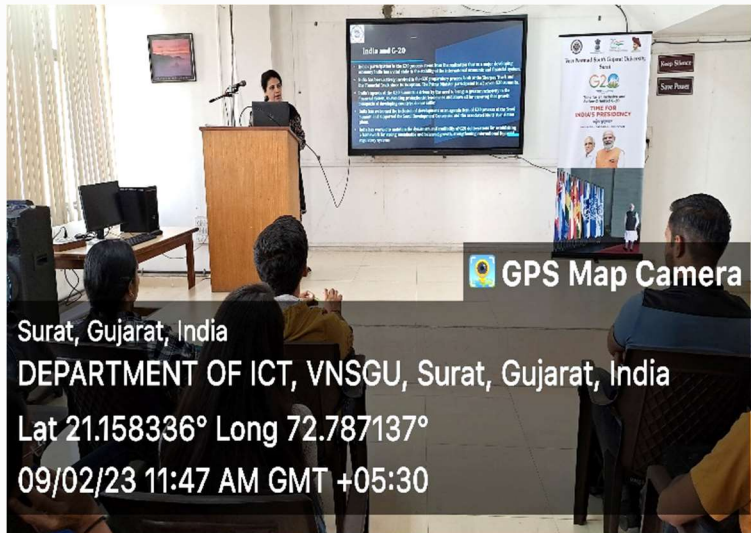
Students and Faculty of Department of ICT was participated in e-Yatra Regional Conference 2023 on 10-11<sup>th</sup> March 2023, at MIT-World Peace University, Pune.





## G-20 Awareness Programme “Creating Understanding About Various G-20 Initiations”

Department of ICT, VNSGU has organized G20 Awareness Programme on 9<sup>th</sup> February, 2023. B.Sc. (I.T.) 2<sup>nd</sup>, 4<sup>th</sup> and 6<sup>th</sup> Semester Students has attended the Programme.





## Expert Talk by Mr. Bhavesh Modi & Ms. Sweety Gandhi, WebOsmotic Private Limited

Department of ICT, VNSGU has organized Career Counselling and Expert Talk on React JS on 15<sup>th</sup> December, 2022. Students of ICT has attended the expert talk.





## Motivational Program and an Expert Talk on “Building Next Generation Workforce”

Department of ICT, VNSGU has organized Motivational Programme by Mr. Upendra Giri (CEO & Founder at Uplyft Global) on 23 January, 2023. M.Sc. (I.T.) 8<sup>th</sup> semester and M.Sc. (I.C.T.) 2<sup>nd</sup> semester students has attended the programme.





## Expert Lecture “Key to a Happy Life” by Dr. Nimesh Matliwala

Department of ICT, VNSGU has organized Expert Lecture by Mr. Nimesh Matliwala on Key to a Happy Life on 30<sup>th</sup> January, 2023. Students of B.Sc. (I.T.) 4<sup>th</sup> and B.Sc. (I.T.) 2<sup>nd</sup> semester has attended the expert lecture.





## Expert Lecture by Ms. Heta Desai on “IT Act 2008 and Case Laws With Emerging Technologies”

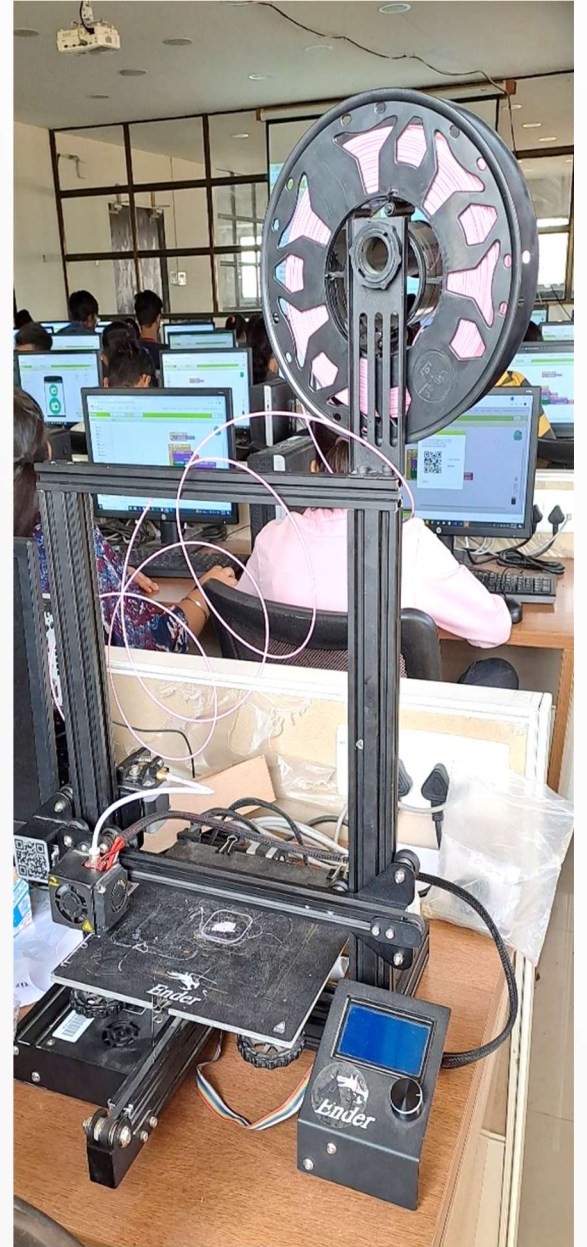
Department of ICT, VNSGU has organized Expert Lecture on IT Act 2008 and Case Laws with Emerging Technologies on 13<sup>th</sup> February, 2023. Students of B.Sc. (I.T.) 6th semester has attended the Lecture.





## KCG, Education Department, Govt. Of Gujarat Sponsored Robotics Masters Training and Certificate Program

Knowledge Consortium of Gujarat, Education Department, Government of Gujarat and Department of ICT in collaboration with Veer Narmad South Gujarat University has organize Robotics Masters Training and Certification Program on 27<sup>th</sup> February, 2023 to 10<sup>th</sup> March, 2023. Students of B.Sc. (I.T.) 2<sup>nd</sup>, 4<sup>th</sup> and 6<sup>th</sup> Semester has attended the programme.





## Expert Lecture by Dr. Milind Ghael “Recoding The Algorithm Of Mind Power”

Department of ICT, VNSGU has organized Expert Lecture by Dr. Milind Ghael on “Recoding The Algorithm Of Mind Power” on 9th March, 2023. Students of B.Sc. (I.T.) 2<sup>nd</sup> semester has attended the lecture.





## Expert Lecture by Dr. Arvind Singh Panwar on “Life Style Modification for Well Being in Current Context”

Department of ICT, Veer Narmad South Gujarat University, Organizes Expert Lecture by Dr. Arvind Singh Panwar (Professor, SMIMER Hospital) on Life Style Modification for Well Being in Current Context on 16<sup>th</sup> March, 2023. Students of B.Sc. (I.T.) 2<sup>nd</sup> semester has attended the expert lecture.





## Expert Session by Mr. Vatsal Desai “Artificial Intelligence and Machine Learning”

Department of ICT, VNSGU has organized Expert Session by Mr. Vatsal Desai on Artificial Intelligence and Machine Learning on 25<sup>th</sup> March, 2023. Students of M.Sc. (I.T.) 8<sup>th</sup> and M.Sc. (I.C.T.) 2<sup>nd</sup> semester has attended the lecture.





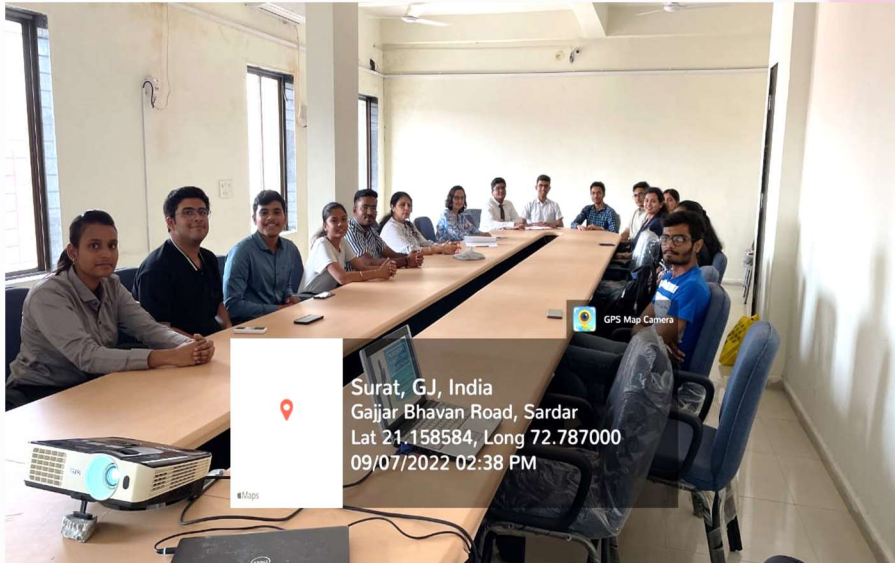
## Thalassemia Awareness & Check Up Camp By Indian Red Cross Society

Department of ICT, VNSGU has organized Thalassemia Awareness & Check Up Camp by Indian Red Cross Society on 16<sup>th</sup> March, 2023. M.Sc. (I.T.) 2<sup>nd</sup> semester students has attended the check up camp.



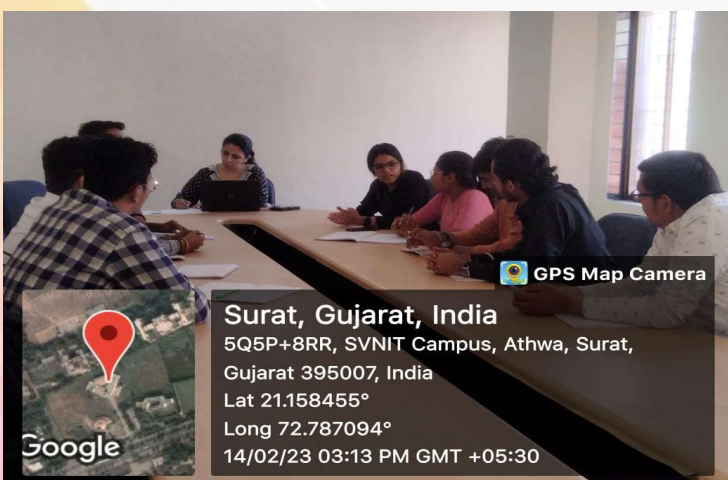


# Soft Skill Enhancement Events “Self Introduction Competition”





# Making Industry Ready Professionals with Mock Interview and Group Discussion





# Spoken Tutorial “Bright Institute Award” by IIT Bombay

❖ Award received on 27-8-2022





# Students Achievements: Winner of State-Level Azadi Ka Amrit Mahotsav Hackathon 2022


Team of Department of ICT, VNSGU has secured the 1<sup>st</sup> Rank in the Grand Finale of State-level Azadi Ka Amrit Mahotsav Hackathon 2022, Organized by Education Department (Higher & Technical) Government of Gujarat.



भारत 2023 INDIA



सरकार ગુજરાત  
Education Department  
Government of Gujarat



आज़ादी का  
अमृत महोत्सव



वीर नर्मद દક્ષિણ ગુજરાત યુનિવર્સિટી  
Veer Narmad South Gujarat University  
સત્યમ્ જ્ઞાનમ્ અનન્તમ્

## Congratulations to the Team of Department of ICT, VNSGU, Surat

### For securing the 1<sup>st</sup> Rank in the Grand Finale of State-level Azadi Ka Amrit Mahotsav Hackathon 2022

Organized by  
Education Department (Higher & Technical)  
Government of Gujarat

Problem Title: File Tracking and Mainatain (Hard Copy)  
Prize Amount: Rs. 50,000/-



**Alvish Arvindbhai Ramani**  
(Team Leader,  
M.Sc. (IT) - Sem 8<sup>th</sup>)



**Anjali Jayeshbhai Patel**  
(M.Sc (IT) - Sem 8<sup>th</sup>)



**Ritesh Ghanashyambhai Sutariya**  
(M.Sc. (IT) - Sem 8<sup>th</sup>)



**Raj Rajnikant Patel**  
(M.Sc. (IT) - Sem 8<sup>th</sup>)



**Pritkumar Mohanbhai Chakalasiya**  
(PGDCA)



**Mentor,  
Dr. Payal Joshi**  
(Assistant Professor,  
Department of ICT)





# Students Achievements: Best Technical Presentation Award at IIT Bombay

Department of ICT Students Rushil Mehta, Maitrey Patel, Tamanna Bhagat, Siddhi Naik and Mentor Dr. Hitesh Lad was honored with "**Best Technical Presentation Award**" in the "e-Yatra Innovation Challenge (eYIC) 2022-23". eYIC National Final 2023 held on 5th and 6th April 2023 for project "Hydrotech" at IIT, Bombay.



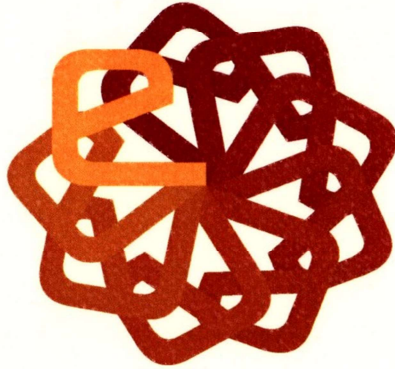
# Certificate of Merit for the Best Technical Presentation by e-Yantra Innovation Challenge (eYIC), IIT Bombay



eYantra

Engineering a better tomorrow

ERTS Lab  
Department of Computer Science and Engineering  
Indian Institute of Technology Bombay,  
Powai, Mumbai-400 076.



## Certificate of Merit (Best Technical Presentation awardee)

This is to certify that *Prof. Hitesh Lad* of *Veer Narmad South Gujarat University* has mentored the project titled "*Hydrotech*" in the e-Yantra Innovation Challenge (eYIC) 2022-23.

He/She is a mentor of the team having the following team members,

1. *Rushil Mehta*
2. *Maitrey Patel*
3. *Tamanna Bhagat*
4. *Siddhi Naik*

The team has been selected as one of the 10 finalist teams out of 490 teams. This team demonstrated their project at the eYIC National Finals 2022-23 held on 5<sup>th</sup> - 6<sup>th</sup> April, 2023, and was honored with *Best Technical Presentation* award.

Prof. Kavi Arya  
Principal Investigator, e-Yantra  
Professor  
Department of Computer Science and Engineering  
Indian Institute of Technology Bombay



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e-Yantra is a project sponsored by MOE, Government of India, under the National Mission on Education through ICT (NMEICT).

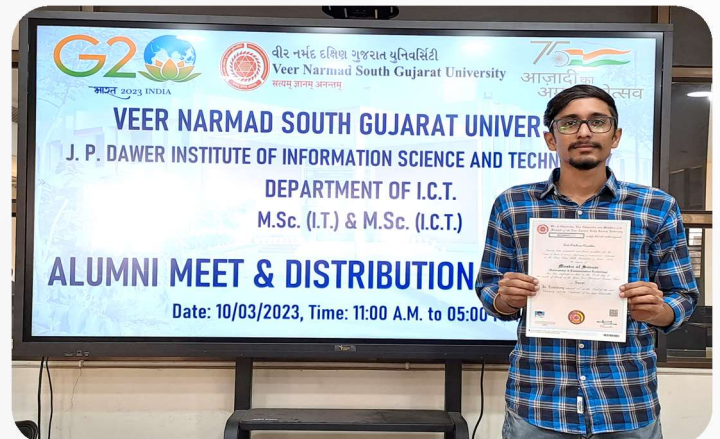
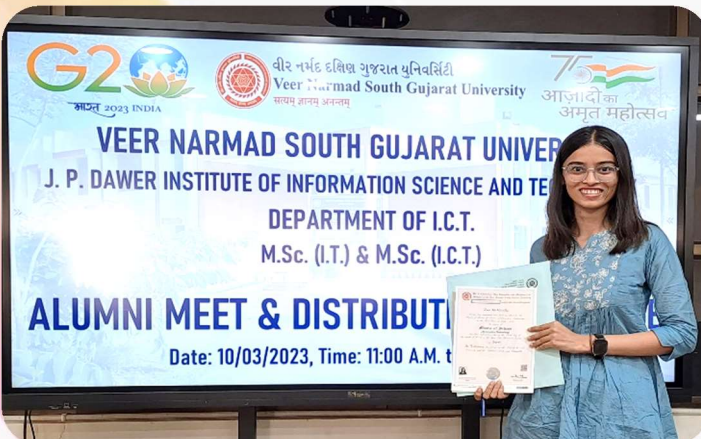
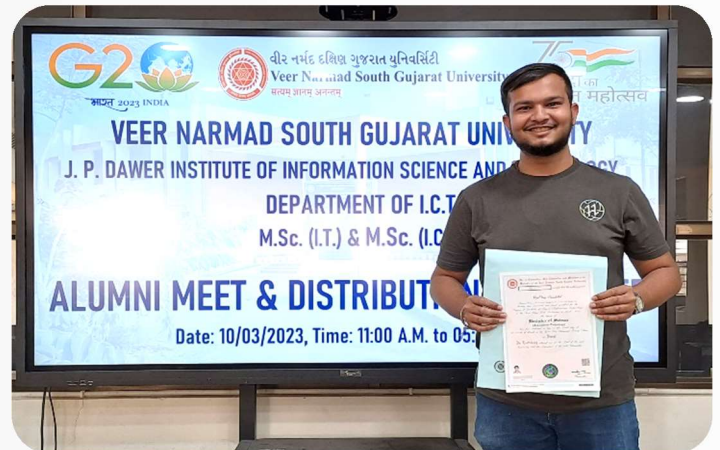
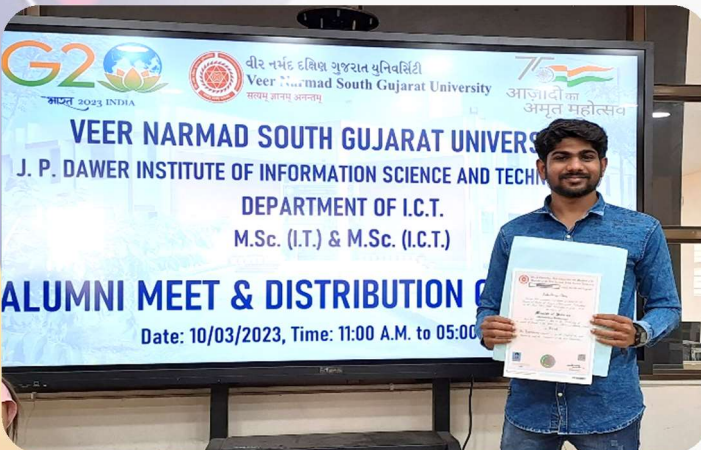
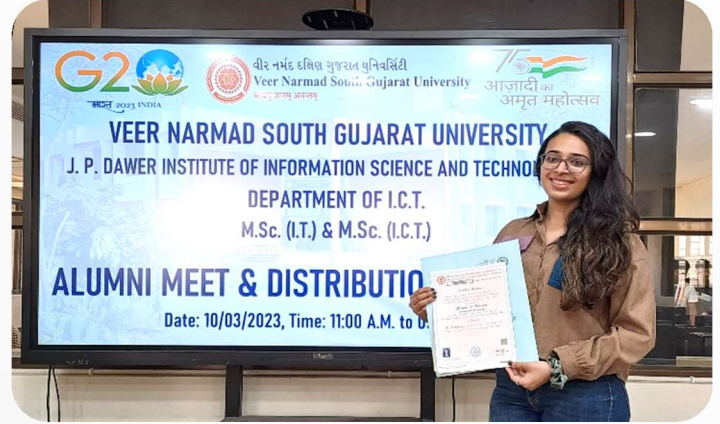
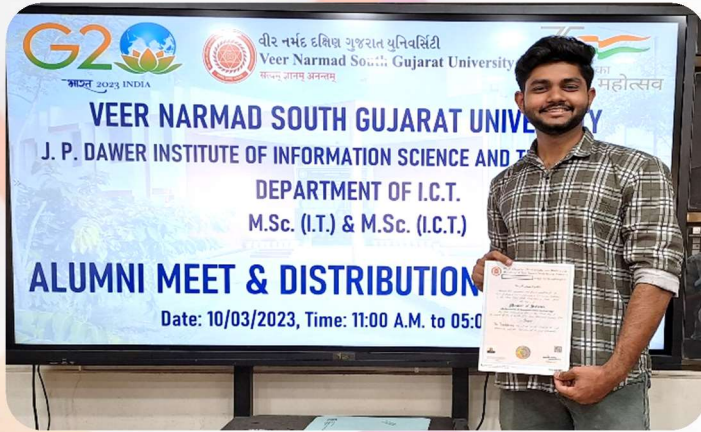


# Glimpses of Annual Function 2023





# Glimpses of Alumni Meet 2023





# Department of ICT, Alumni Meet 2022-2023

Alumni Meet 2022-23 (11<sup>th</sup> January, 2023)  
Department of ICT (VNSGU)



Presidential address of Honorable  
Vice Chancellor Dr. K. N. Chavda

Alumni Meet 2022-23 (11<sup>th</sup> January, 2023)  
Department of ICT (VNSGU)



Addressing the Alumni Meet 2023  
Registrar Dr. Rameshdan Gadhvi

Alumni Meet 2022-23 (11<sup>th</sup> January, 2023)  
Department of ICT (VNSGU)



Alumni Speaker : Mr. Amit Gandhi - Technical Program Manager,  
Meta (Facebook)  
Expert Lecture Topic : Use of AI in Meta

Alumni Meet 2022-23 (11<sup>th</sup> January, 2023)  
Department of ICT (VNSGU)



Alumni Speaker : Mr. Dhaval Nagar – Founder of APPGAMBIT  
Expert Lecture Topic : Cloud Computing Is The New Normal

Alumni Meet 2022-23 (11<sup>th</sup> January, 2023)  
Department of ICT (VNSGU)



Alumni Speaker : Mr. Nachiket Patel – Founder of LOGICWIND  
Expert Lecture Topic : The Future of IT –  
A Roadmap for students & new grads

Alumni Meet 2022-23 (11<sup>th</sup> January, 2023)  
Department of ICT (VNSGU)





# ❑ One to one Student-Alumni interaction at the Alma Mater





# Alumni Entrepreneurs Wall, Department of ICT

## Alumni Entrepreneurs Wall

<p><b>ASHVI</b> Company Ashvi Consultancy Service</p> <p>Ganpat Dhameliya M.Sc. IT, Batch 2005</p> <p>Email Website</p>	<p><b>INKEY</b> Company Inkey IT Solutions Pvt.Ltd.</p> <p>Ankit Shah Vinay Pughla B.Sc. IT, M.Sc. IT, Batch 2010 &amp; 2005</p> <p>Email Website</p>	<p><b>Lincorw</b> Company Lincorw</p> <p>Nehal Patel M.Sc. IT, Batch 2007</p> <p>Email Website</p>	<p><b>ACCRETE</b> Company Accrete Infotech</p> <p>Roshan Desai M.Sc. IT, Batch 2004</p> <p>Email Website</p>	<p><b>Innovative Iteration</b> Company Innovative Iteration Software Solution</p> <p>Pratik Gujarati M.Sc. IT, Batch 2004</p> <p>Email Website</p>	<p><b>CoreScripts</b> Company CoreScripts Technologies LLP</p> <p>Jatin Prajapati M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>QUADSOFT</b> Company Quad Softtech</p> <p>Milap Kankotiya Keshav Patel M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>HEY CONCEPTS</b> Company Key Concepts</p> <p>Punit Gajera Rahul Prajapati M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>Dataio</b> Company Dataio</p> <p>Samarth Mehta M.Sc. IT, Batch 2007</p> <p>Email Website</p>	<p><b>IFUTURZ</b> Company IT FUTURZ</p> <p>Arpit Shah M.Sc. IT, Batch 2007</p> <p>Email Website</p>	<p><b>LINTEL</b> Company Lintel Technologies Pvt. Ltd.</p> <p>Hinal Prajapati B.Sc. IT, Batch 2003</p> <p>Email Website</p>	<p><b>iQinik</b> Company IQINIK SOFTWARE PVT. LTD.</p> <p>Hitesh Thakkar M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>ZIPGRID</b> Company Zipgrid</p> <p>Jaydip Popat B.Sc. IT, Batch 2004</p> <p>Email Website</p>
<p><b>Vokontech</b> Company Vokontech IT Solution</p> <p>Jeevish Gopani Sagar Mandapara M.Sc. ICT, Batch 2013</p> <p>Email Website</p>	<p><b>ICED</b> Company ICED INFOTECH</p> <p>Niral Shah M.Sc. IT, Batch 2009</p> <p>Email Website</p>	<p><b>Web Ashlar</b> Company Web Ashlar</p> <p>Anand Agrawal M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>XTREME THOUGHTS</b> Company Xtreme Thoughts SoftTech</p> <p>Anesh Maradia M.Sc. IT, Batch 2005</p> <p>Email Website</p>	<p><b>GVM</b> Company GVM Technologies LLP</p> <p>Anesh Prajapati M.Sc. IT, Batch 2003</p> <p>Email Website</p>	<p><b>GENERATION NEXT</b> Company Generation Next</p> <p>Arjun Bhatt M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>SOFTNOESIS</b> Company Softnoesis Private Limited</p> <p>Chirag Lakhi M.Sc. IT, Batch 2010</p> <p>Email Website</p>	<p><b>Engross infotech</b> Company ENGROSS INFOTECH</p> <p>Keyur Limbachiyia Bipin Jain M.Sc. IT, Batch 2010</p> <p>Email Website</p>	<p><b>PURE ITES</b> Company Pure ITES Limited</p> <p>Nilesh Pargal M.Sc. ICT, Batch 2009</p> <p>Email Website</p>	<p><b>PSK TECHNOLOGY</b> Company PSK Technology</p> <p>Kirtikumar Anvaya M.Sc. ICT, Batch 2012</p> <p>Email Website</p>	<p><b>SAHAJANAND INFOTECH</b> Company SahaJanand Infotech</p> <p>Hardik Kevadiya M.Sc. IT, Batch 2005</p> <p>Email Website</p>	<p><b>NirmanLab</b> Company NirmanLab</p> <p>Milan Savaliya M.Sc. IT, Batch 2010</p> <p>Email Website</p>	

## Alumni Entrepreneurs Wall

<p><b>Softpulse</b> Company Softpulse Infotech</p> <p>Rahul Bhisva Sandip Harkhani M.Sc. IT, Batch 2010</p> <p>Email Website</p>	<p><b>DAVS</b> Company DAVS</p> <p>Rohank Solanki M.Sc. IT, Batch 2010</p> <p>Email Website</p>	<p><b>FM</b> Company Forum Marfatia Digital Marketing Training</p> <p>Forum Marfatia M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>WINTER</b> Company Winter Infotech</p> <p>Romil Gabani M.Sc. ICT, Batch 2011</p> <p>Email Website</p>	<p><b>Inventam</b> Company Inventam</p> <p>Harin Desai Ishani Desai M.Sc. IT, Batch 2015</p> <p>Email Website</p>	<p><b>WebOsmotic</b> Company Webosmotic</p> <p>Vipul Jain M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>OMTECWEB</b> Company Omtic Web</p> <p>Tarang Patel M.Sc. ICT, Batch 2007</p> <p>Email Website</p>	<p><b>Jaimini Software</b> Company Jaimini Software</p> <p>Patel Nitam M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>Metanoia Infotech</b> Company Metanoia Infotech</p> <p>Nehal Patel M.Sc. IT, Batch 2018</p> <p>Email Website</p>	<p><b>StackApp Infotech</b> Company Stackapp Infotech</p> <p>Dodiya Nihar M.Sc. IT, Batch 2017</p> <p>Email Website</p>	<p><b>InfoWeb Solution</b> Company InfoWeb Solution</p> <p>Sunny Chevli M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>HANDS TOGETHER TECH</b> Company Hands Together Tech</p> <p>Sagar Bhatt M.Sc. ICT, Batch 2011</p> <p>Email Website</p>	<p><b>PAR EXCELLENCE SOLUTIONS</b> Company Par Excellence IT Solutions</p> <p>Jitesh Prajapati M.Sc. ICT, Batch 2007</p> <p>Email Website</p>
<p><b>LePangram</b> Company iPangram Digital Services LLP</p> <p>Jaykishan Vansandawala M.Sc. IT, Batch 2006</p> <p>Email Website</p>	<p><b>Design The Data</b> Company Design The Data</p> <p>Zubin Raja M.Sc. IT, Batch 2010</p> <p>Email Website</p>	<p><b>GOUP TECHNOLOGIES</b> Company Goup Technologies</p> <p>Sandip Shirawala Pune Topiwala M.Sc. IT, Batch 2007</p> <p>Email Website</p>	<p><b>SOLWIN</b> Company SolveWin/Infotech LLP</p> <p>Sanjay Dabhoya M.Sc. ICT, Batch 2007</p> <p>Email Website</p>	<p><b>V2WEB SOLUTIONS</b> Company V2 Web Solutions</p> <p>Hastimal Shah M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>GENISYS</b> Company Genisys</p> <p>Siddharth Sarfale Ashish Rana Jignesh Pandav M.Sc. IT, Batch 2014</p> <p>Email Website</p>	<p><b>BARRAJ TECH LABS</b> Company Bharaj Tech Labs</p> <p>Moiz Pallanawala B.Sc. IT, Batch 2014</p> <p>Email Website</p>	<p><b>Webby Infotech</b> Company Webby Infotech</p> <p>Kuldeep Shah M.Sc. IT, Batch 2010</p> <p>Email Website</p>	<p><b>LOGOTECH BARCODE</b> Company LOGOTECH BARCODE</p> <p>Rajiv Barua M.Sc. ICT, Batch 2007</p> <p>Email Website</p>	<p><b>Beyond Byte Solution</b> Company Beyond Byte Solution</p> <p>Piyush Saraf M.Sc. IT, Batch 2008</p> <p>Email Website</p>	<p><b>DigiEn Infotech LLP</b> Company DigiEn Infotech LLP</p> <p>Urvi Adharyya M.Sc. IT, Batch 2010</p> <p>Email Website</p>	<p><b>APPGAMBIT</b> Company AppGambit</p> <p>Dhaval Nagari M.Sc. IT, Batch 2006</p> <p>Email Website</p>	

## **Pedagogies :**

- Regular Classroom Lectures
- Laboratory Work
- Projects work
- Interactive Group Discussions
- Case Studies
- Seminars
- Audio Visual Sessions



## **The Professional Edge through Project Training :**

In the course, more emphasis is given to the project work is prime importance in this course. The details of it are given below:

In addition to classroom studies, students are required to work on real world projects preferably in industries during semester 6, 7, 8, 9 & 10. Also in the last semester, it is requires that students undergo full time training in the business organization for 6 months. A presentation of the experience related to the training received is to be given by the student along with submission of report on completion of the training.





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