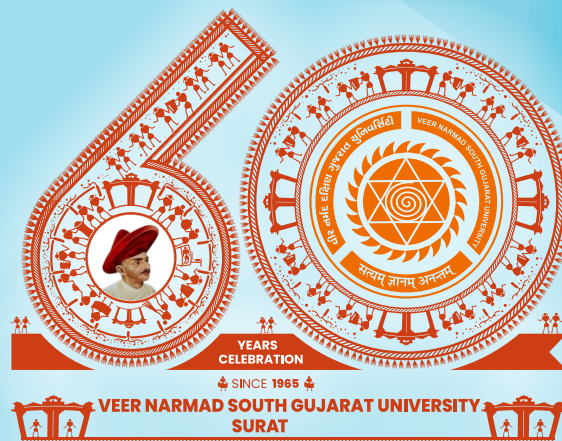


**VEER NARMAD SOUTH GUJARAT UNIVERSITY**  
**J. P. DAWER INSTITUTE OF INFORMATION**  
**SCIENCE AND TECHNOLOGY**

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



# PROSPECTUS

**Master of Science (Information Technology)**

**25<sup>th</sup> - Batch - 2024 - 2029**

## ABOUT THE UNIVERSITY



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.



## HONORABLE VICE CHANCELLOR'S MESSAGE

I am particularly proud to introduce two pioneering courses in information technology at our esteemed institution– the M.Sc. (I.T) (5 Year Integrated Course) and M.Sc. (I.C.T) (2 Year PG Course). These programs not only augment our academic offerings but also seamlessly align with the demands of the technology-driven era. In the dynamic realms of software development and the IT industry, these courses serve as gateways to a multitude of possibilities for our students. Witnessing our graduates excel in leading global IT companies or establish their own successful ventures is truly gratifying.

It is with a profound sense of honor that I step into the role of leadership at Veer Narmad South Gujarat University, joining the vibrant tapestry of our academic community. A sincere welcome extends to students hailing from diverse corners of the world as we embark on a journey through our expansive array of graduate and post-graduate programs. With a legacy spanning over 50 years, our university has witnessed the global success of alumni, a testament to the excellence of education we provide.

In my capacity as a guiding figure, I extend a heartfelt invitation to aspiring minds to embark on a journey of exploration and knowledge acquisition through these courses. My sincere best wishes are extended to the dedicated faculty and ambitious students as they navigate their respective endeavors. Together, let us continue to cultivate an environment that fosters intellectual growth and innovation within the walls of our esteemed institution.



## REGISTRAR'S MESSAGE

Embracing the esteemed leadership role at Veer Narmad South Gujarat University fills me with a profound sense of honor, as I become an integral part of our vibrant academic community. I extend a cordial and sincere welcome to students hailing from diverse corners of the world, as we embark on a journey of academic excellence through our extensive range of graduate and post-graduate programs. The university's rich legacy, spanning over 59 years, serves as a testament to the global success achieved by our esteemed alumni, underscoring the excellence embedded in our educational offerings.

It is with great pride that I introduce two groundbreaking courses in information technology at our esteemed institution – the M.Sc. (I.T) (5 Year Integrated Course) and M.Sc. (I.C.T) (2 Year PG Course). These programs not only enrich our academic portfolio but also seamlessly align with the evolving demands of the technology-driven era. In the dynamic spheres of software development and the IT industry, these courses serve as gateways to a myriad of possibilities for our students. Witnessing our graduates excel in leading global IT companies or carve their paths with successful ventures is truly gratifying.

In my capacity as a guiding force, I extend a heartfelt invitation to aspiring minds to embark on a transformative journey of exploration and knowledge acquisition through these courses. My sincere best wishes are extended to the dedicated faculty and ambitious students as they navigate their respective endeavors. Together, let us continue to cultivate an environment that not only nurtures intellectual growth but also fosters innovation within the esteemed walls of our institution.

# ABOUT THE DEPARTMENT



Department of I.C.T. offers 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. (Computer/I.T)

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 centers 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 persons



Canteen



# Language Lab

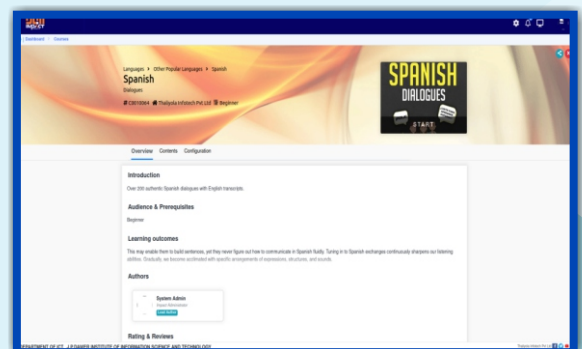
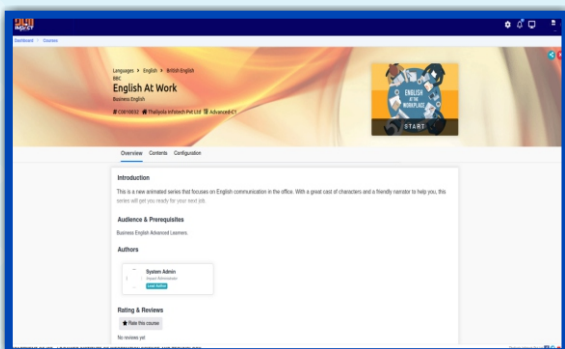
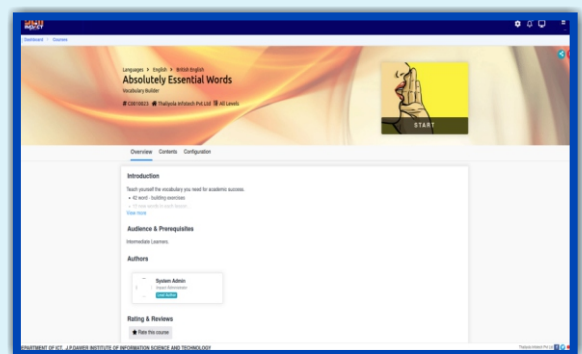
Department of ICT is well equipped with a Digital Linguistic Mentor digitized multilingual communication Language Lab for users. This software designed by Thaliyola Info tech Pvt. Ltd. helps the students to enhance their communication skills, soft skills, General English, Foreign Languages, Vocabulary, prepare them for the Placements, Interviews and the IT industry.

## 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

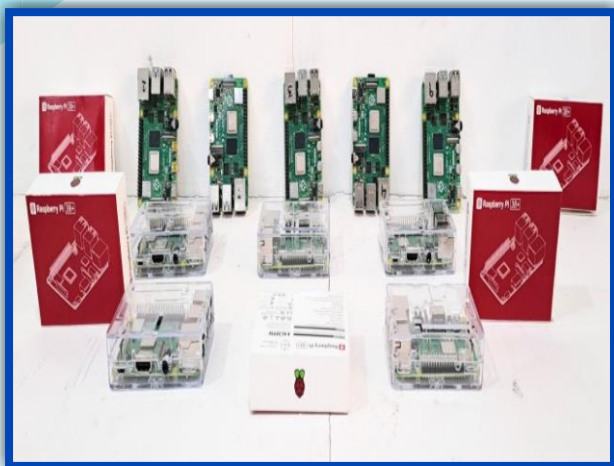
## Contents Include:

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



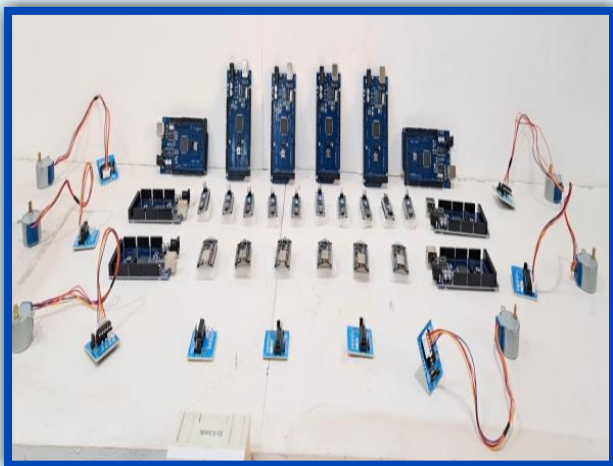
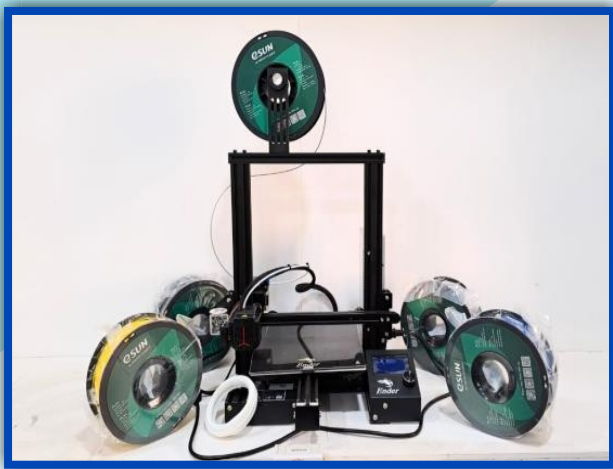
## e-Yantra lab

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.



# GPU-for AI Research Work

Unleashing AI potential through cutting-edge GPUs for groundbreaking research



## FACILITIES

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

## OTHER RESOURCES

Resource:	Details
<b>Internet:</b>	Fiber Optic Internet Connection
<b>Server:</b>	<p>1 IBM BladeCenter Blade Server with 3 blades (each with Intel Xeon Processor 2.5 GHz, 16 GB RAM, 900 GB SSD)</p> <p>1 IBM System x3650 M3 Rack Server (with Xeon Processor, 4 GB RAM, 1 TB HDD)</p>
<b>GPU:</b>	<p>1 HP Z4 G4 Workstation, Intel® Xeon® W-2265</p> <p>CPU@ 3.50 GHZ, 64 GB RAM, 2 TB SSD</p>
<b>Desktop:</b>	<p>120 HP (with i7 Processor 2.90 GHz, 16 GB RAM, 1 TB HDD and 500 GB NVME SSD)</p> <p>100 HP (with i7 Processor 3.60 GHz, 12 GB RAM, 1 TB HDD and 500 GB SSD)</p> <p>60 Dell (with i7 Processor 2.10 GHz, 16 GB RAM, 1 TB SDD)</p> <p>15 Dell (with i7 Processor 3.60 GHz, 16 GB RAM, 1 TB HDD and 500 GB SSD)</p> <p>15 Lenovo (with i5 Processor 3.40 GHz, 12 GB RAM, 500 GB HDD and 500 GB SSD)</p> <p>9 Mac (with i5 Processor 2.5 GHz, 4 GB RAM, 500 GB HDD)</p> <p>16 Mac mini (with i5 Processor 1.40 GHz, 4 GB RAM, 500 GB HDD)</p>

<b>Panel:</b>	10 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>	Microsoft Window 10 License  Soul Software
<b>Wi-Fi:</b>	Wifi Campus
<b>UPS:</b>	2 Uninterrupted Power Supply (40 KVP) with  5 - hours battery backup
<b>CCTV:</b>	Most area of the campus covered under CCTV surveillance
<b>Generator:</b>	For uninterrupted power supply
<b>Embedded system and IoT Equipments:</b>	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.

# FACULTY PROFILE

**Head of the Department**

**Professor**

**Dr. Pushpal Desai**



**Designation: Professor and Head**

**Qualification: Ph.D., MCA**

**Teaching Experience: 23Years**

**Subjects: Operating System, RDBMS**

**Area of Research: Data Warehouse,  
Data Mining**

**Dr. Devendra Pandey**

**Assistant Professor**



**Qualification: Ph.D., MCM**

**Industrial Experience: 5 Years**

**Teaching Experience: 23 Years**

**Subjects: Computer Network,**

**Advanced Computer Network, E-business,**

**Cyber Law Area of Research: Cloud Computing, RFID through  
Network security**

**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: 18 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: 19 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: 18 Years**

**Subjects: Open-Source Web Development,**

**Application Development using Full 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: 18 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., M.Phil, MCA.  
UGC NET, GSET Qualified  
Teaching Experience: 20 Years  
Subjects: Machine Learning,  
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: 17 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: 18 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**

**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,  
Python and Data Science**

**Area of Research: Data Warehouse,  
Data Mining**

# ADMISSIONS

The candidate will be granted admission purely on the merit, based on aggregate marks obtained in HSC / Equivalent Examination. Marks obtained in practical will be considered in calculating aggregate marks.

## TOTAL INTAKE - 240

- 168 Seats are reserved for Science Stream students
- 72 seats are reserved for General Stream (Commerce) students.
- 8 seats are available under Sports Quota.
- 16 Supernumerary seats are available under NRI/NRI sponsored category.

### Eligibility

- ✓ A candidate who has passed HSC (12<sup>th</sup>) /Equivalent Examination from Science Stream (A, B, AB Group) or General Stream (Commerce) or Vocational Stream with English as one of the subjects.

### M.Sc. (I.T.)

[ 5 Years integrated Course ]

25<sup>th</sup> Batch-

ADMISSION

2024-2029

# QUOTA / RESERVATION / ALLOTMENT

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

Category	Percentage
Schedule Cast (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)	5% (in respective categories)

- 80% seats will be filled in by the applicants who have passed their 12th Standard examination from Gujarat Secondary and Higher Secondary Education Board, Gandhinagar.
- 20% seats will be filled in by the applicants who have passed their 12th Standard examination from Other Board (CBSE, ICSE, etc.).
- Admission on Sports Quota will be given as per the direction of the university. Admission to candidate of vocational stream will be given on the science quota seats. The number of seats for vocational stream candidates will be calculated on the basis of ratio of application received of science stream candidates and vocational stream candidates.
- Kashmir migrants will get admission as per university rules.

**Note: The University reserves 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.

- 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.
- Trial Certificate issued by the school.
- 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 Medical Authority, in case of a Physically Handicapped candidate (If Applicable only).

# MERIT LIST

Merit list will be based on aggregate marks obtained by the candidate in HSC Examinations / Equivalent Examination. Marks obtained in practical will be included in calculating aggregate marks.

In the event of a tie, the tie will be resolved by following order:

- Comparing percentage of S.S.C. Examination, then
- Comparing Birth date
- A candidate, who has passed HSC / Equivalent Examination with more than one attempt is also eligible to apply, however, the candidate will be placed in the merit list after deducting 2% marks per additional attempt.
- University may revise Merit preparation rules and regulations from time to time.

**Note: Department timing will be between 8:00 AM to 6:00 PM, depending on the availability of staff members and physical infrastructure. The students taking admission in the course will have to follow the time table decided by the department. Department may offer admission in Morning or Afternoon shifts.**

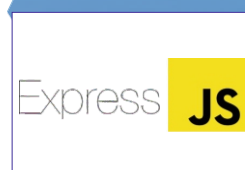
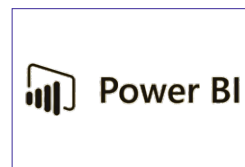
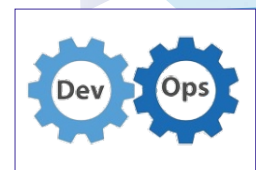
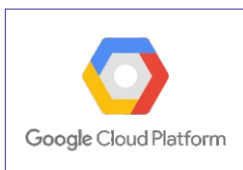
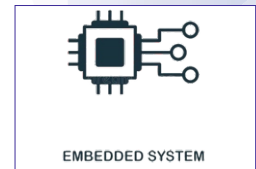
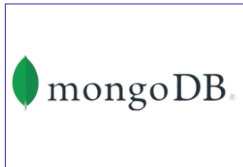
## COURSE FEES

- ❑ Fee Structure for students who will enroll in Five Year Integrated Course M.Sc.(IT) in the academic year 2024 – 2025.

Year/Semester	Fees
UG Semester 1 to 6	Rs. 19,250/-
PG Semester 7 to 10	Rs. 24,750/-

- ❑ NRI / NRI Sponsored Seat – 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.
- ❑ Note:-University may revise fees from time to time and the students will have to pay fees as per the university norms

# Technologies included as per latest industry trends and requirements



# M.Sc. (I.T.) - 5 Years Integrated Course Structure

## SEMESTER-I

IT 1-NEP		
Subject Code	Subject Title	Description
101	Ability Enhancement Course - I (Communication Skills in English)	
102	Mathematics – I	
103	Fundamentals of Computer	Peripherals, Number Systems, OS, Office Tools
104	Fundamentals of Programming using C - I	C Language
105	Practical – 1	Based on 104
106	Skill Enhancement Course – I (Internet and Web Technology)	
107	Value Added Course - I (Bharatiya Knowledge System- An Introduction)	

## SEMESTER-II

IT 2 –NEP		
Subject Code	Subject Title	Description
201	Ability Enhancement Course-II (Business Communication Skills in English)	
202	Mathematics – II	
203	Fundamentals of Programming using C – II	C Language
204	Introduction to DBMS	
205	Practical – 2	Based on 203
206	Skill Enhancement Course-II (E-Business and Cyber Laws)	
207	Value Added Course – II (Value Education in Bharatiya Knowledge System)	

## SEMESTER-III

IT 3 NEP (Proposed)		
Subject Code	Subject Title	Description
301	Ability Enhancement Course-III (IT Business Communication – I)	
302	Fundamental of Electronics	Basic Electronics and Digital Electronics
303	Data Structure	Programming using C
304	Object Oriented Programming	C++
305	Practical – 3	Based on 303,304
306	Skill Enhancement Course –III (Computer Network)	
307	Value Added Course – 3	

## SEMESTER – IV

IT 4 –NEP (Proposed)		
Subject Code	Subject Title	Description
401	Ability Enhancement Course-IV (IT Business Communication – II)	
402	Fundamental of Embedded System and IoT	8-bit Microcontroller (8051 core) and 32-bit Microcontroller (ARM core), Sensors, Embedded C Language.
403	C#.NET	Win Form, C#.Net Application
404	RDBMS and NoSQL Databases	Oracle-SQL
405	Practical - 4	Based on 402, 403, 404
406	Skill Enhancement Course-IV (Web Development using JavaScript)	
407	Value Added Course – 4	

## SEMESTER – V

Subject Code	Subject Title	Description
501	Web Development - II	PHP, MySQL, NoSQL, AngularJS
502	Relational Database Management System - II	Oracle PL/SQL
503	Mobile Application Development	Kotlin Programming Language
504	System Analysis and Design	
505	Financial Accounting and Taxation	Basic Accounting Concepts, GST
506	Practical - 10	Based on 501
507	Practical - 11	Based on 502
508	Practical - 12	Based on 503

## SEMESTER – VI

Subject Code	Subject Title	Description
601	Java	Core Java with latest JavaSE
602	Core MVC using C#	Core MVC, C#, .Net Core
603	Operating System	
604	Fundamentals Cloud Computing	Basic Cloud Computing Concepts
605	Practical - 13	Based on 601
606	Practical - 14	Based on 602
607	Project	

## SEMESTER – VII

IT 7 (Proposed)		
Subject Code	Subject Title	Description
701	Application Development using Full Stack	MongoDB, React.js, Express, NodeJS, git
702	Advanced .NET	.Net Core MVC, Web API, Minimal API
703	Software Engineering	Project Management, Design Patterns, Web Engineering and Software Quality Assurance
704	Data Analysis using Python	Python Programming
705	Practical - 15	Based on 701
706	Practical - 16	Based on 702, 704
707	Part Time Project 1	

## SEMESTER – VIII

IT 8 (Proposed)		
Subject Code	Subject Title	Description
801	Enterprise Java	Java/Jakarta EE on Distribute Architecture for business Logic And REST resources
802	Artificial Intelligence and Machine Learning	Basics of AI, Supervised & Unsupervised Machine Learning Algorithms.
803	Smart Device Computing using iOS	Swift Programming
804	Blockchain Computing	
805	Practical - 17	Based on 801
806	Practical - 18	Based on 802 & 803
807	Part Time Project 2	

## SEMESTER – IX




Subject Code	Subject Title	Description
901	Internet of Things (IOT)	Raspberry pi and Arduino H/W Platforms, Python Programming for IOT
902	Machine Learning using Python	ML Basics, Python and its ML Libraries, Models and Regression Techniques
903	Cloud Computing	AWS, Azure, Google Cloud, Micro Services, CI/CD, DevOps
904	Business Intelligence	SSIS, SSAS, SSRS, Power BI
905	Practical - 19	Based on 901 and 902
906	Practical - 20	Based on 903 and 904
907	Part Time Project 3	

## SEMESTER – X

Subject Code	Subject Title	Description
1001	Project	

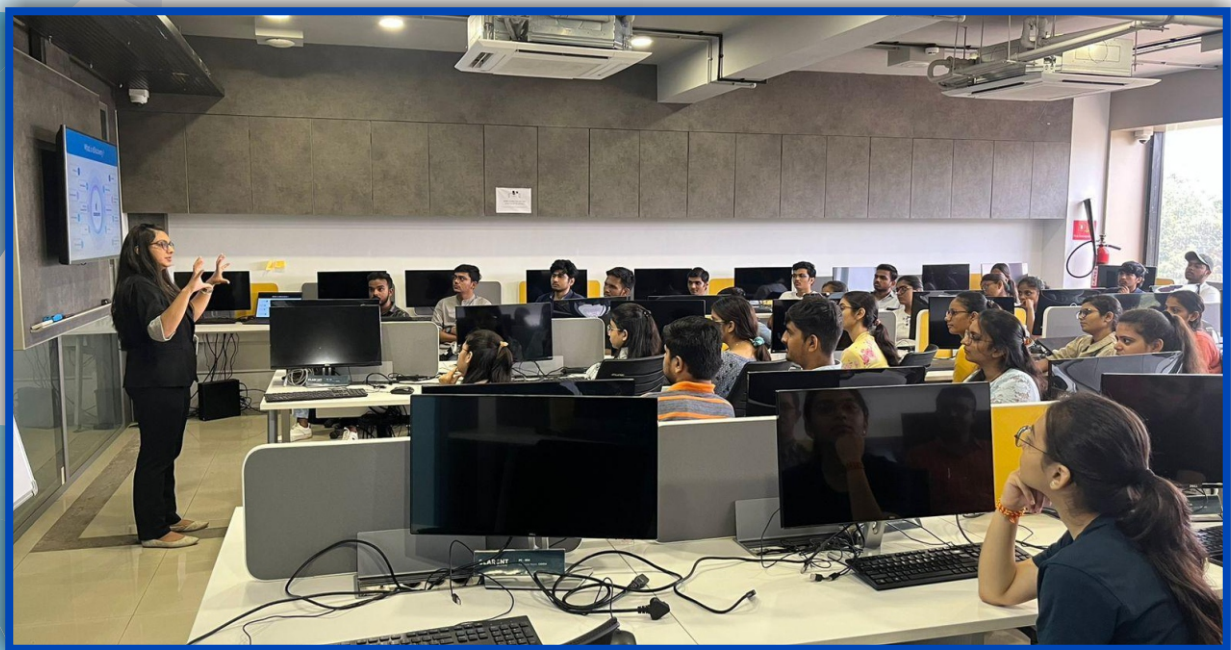
- Syllabus mentioned above is subject to change as per University directions.

# E-Learning Initiative : academy

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 Visits

Industrial Visit of M.Sc. (I.T) and M.Sc.(I.C.T) students at Casepoint on  
8<sup>th</sup> August 2023.



# Industrial Visit of M.Sc. (I.T) and M.Sc.(I.C.T) students at NJ Group on 18<sup>th</sup> July 2023.



# Industrial Visit of M.Sc. (I.T) and M.Sc.(I.C.T) students at Sahajanand Technologies Pvt. Ltd on 7<sup>th</sup> August 2023.



## Visit to SGCCI Surat startup summit -2023



# Achievements

IIT-BOMBAY – eYIC 2023 2024, MSC.(IT) students were awarded for  
**BEST TECHNICAL PRESENTATION.**



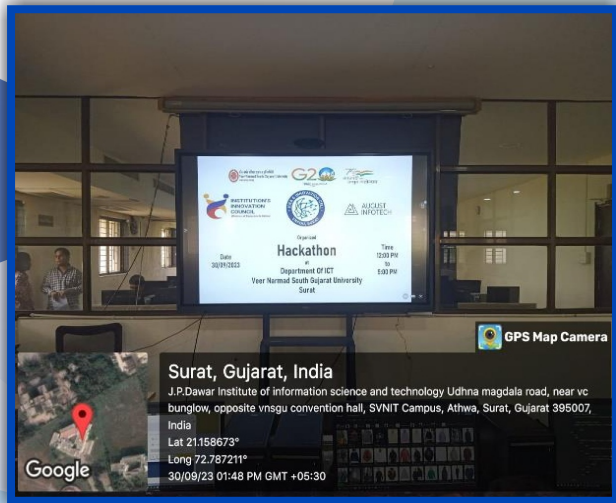
## IDEASTORM event hosted by IIT Roorkee, students emerged as winners and won 20000 cash prize.



# MIT Wordpress University-Pune eyantra Regional Final 2024 of EYIC competition where two team of students participated.



# Hackathon organized by August Infotech students were winners and won 3000 cash prize.



## Expert Lecture by Ms. Shakshi Karva(HR Manager of Thought Spark) on “Vital soft skills”



## Expert Lecture by Mr. Narendra Jagtap(HR Manager of Inkey Solution, Surat) on “Power BI”.



# Expert Lecture by Mr. Chetan Patel on “Creating future in the era of AI”



# Expert Lecture by Mr Nachiket Patel (Alumni & Founder of Logicwind, Surat) and Mr. Happy on “GPU Awareness Expert Seminar.”



# Expert Lecture on “Journey from college to corporate” by Ms. Saumya Srivastava (Alumni), Vice President, (J P Morgan Chase & Co.)



# Tree Plantation Programme



# 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.
- **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 student's ability to think critically and speak confidently on a random topic.





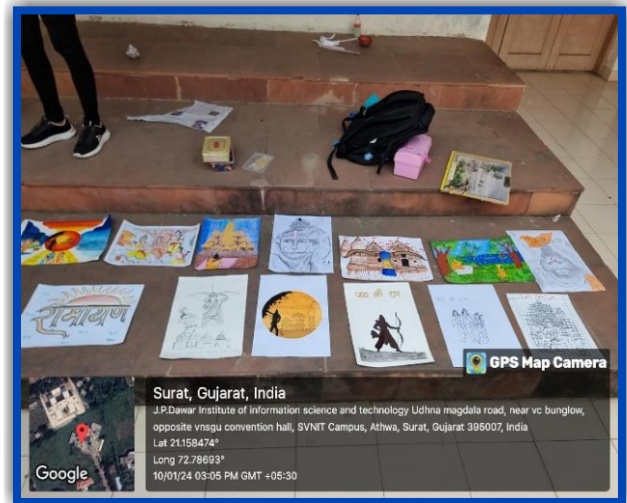
## 2. Indian Knowledge System Club

- 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.



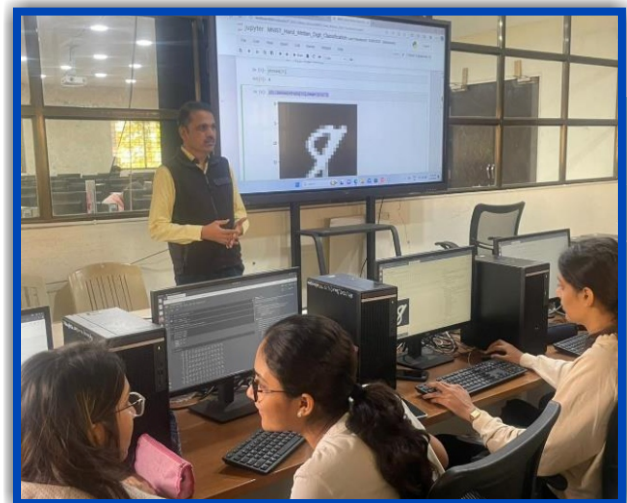
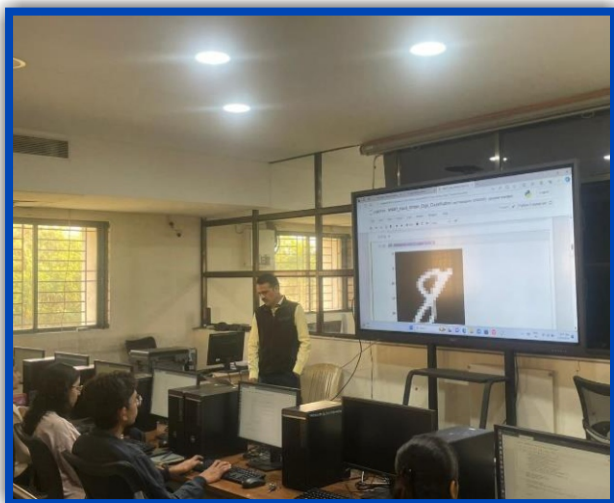
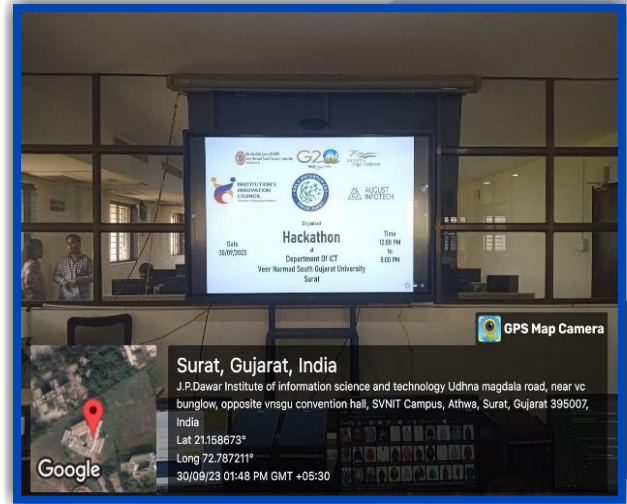


### 3. AI/ML & IoT Club

- 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 04<sup>th</sup> Jan 2024 to 13<sup>th</sup> 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.

### 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.



# Glimpses of Annual Function 2024



# Glimpses of Alumni Meet 24<sup>th</sup> Feb 2024



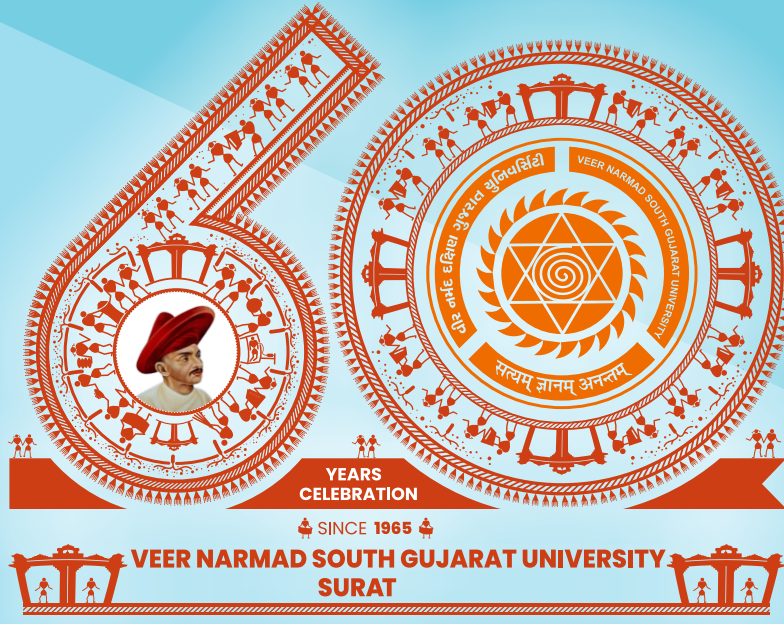
# Alumni Entrepreneurs Wall, Department of ICT

## Alumni Entrepreneurs Wall

<p><b>ASHVI</b> Company: Ashvi Consultancy Service Founder: Ganpat Dhametika M.Sc. ICT, Dec 2011</p>	<p><b>INKEY</b> Company: Inkey IT Solutions Pvt. Ltd. Founder: Anshul Shah M.Sc. ICT, Dec 2011</p>	<p><b>CINTRA</b> Company: Cintra Leasurtech Founder: Nachiket Patel M.Sc. ICT, Dec 2017</p>	<p><b>ACCRETE</b> Company: Accrete Infotech Founder: Roshan Desai M.Sc. ICT, Dec 2014</p>	<p><b>INNOVATION THOUGHTS</b> Company: Innovation Thoughts Software Solution Founder: Pratik Gujari M.Sc. ICT, Dec 2014</p>	<p><b>CoreScripts</b> Company: CoreScripts Technologies LLP Founder: Jatin Prajapati M.Sc. ICT, Dec 2017</p>	<p><b>QUBOQ</b> Company: Qubooz Solutions Founder: Milap Kankholiya Roshan Desai M.Sc. ICT, Dec 2014</p>	<p><b>HEV</b> Company: Key Concepts Founder: Pankaj Gajera Rohit Prajapati M.Sc. ICT, Dec 2016</p>	<p><b>Dataio</b> Company: Dataio Founder: Samarth Mehta M.Sc. ICT, Dec 2015</p>	<p><b>iFuturz</b> Company: iFuturz Founder: Apurv Shah M.Sc. ICT, Dec 2017</p>	<p><b>LINTEL</b> Company: Linel Technologies Pvt. Ltd. Founder: Hiral Prajapati B.Sc. ICT, Dec 2015</p>	<p><b>IQInk</b> Company: IQINK SOFTWARE PVT. LTD. Founder: Hitesh Thakkar M.Sc. ICT, Dec 2016</p>	<p><b>ZIPGRID</b> Company: Zipgrid Founder: Jaydeep Popat M.Sc. ICT, Dec 2013</p>
<p><b>Vokotech</b> Company: Vokotech IT Solution Founder: Jeevick Gopani Santosh Mandgajkar M.Sc. ICT, Dec 2011</p>	<p><b>ICED</b> Company: ICED INFOTECH Founder: Niral Shah M.Sc. ICT, Dec 2013</p>	<p><b>Ashlar</b> Company: Ashlar Web Solutions Founder: Anand Anand M.Sc. ICT, Dec 2017</p>	<p><b>XTREME THOUGHTS</b> Company: Xtreme Thinking Solutions Founder: Anshul Manral M.Sc. ICT, Dec 2014</p>	<p><b>GVM</b> Company: GVM Technologies LLP Founder: Anand Prajapati M.Sc. ICT, Dec 2011</p>	<p><b>GEMINI</b> Company: Gemini Generation Next Founder: Anurag Bhat M.Sc. ICT, Dec 2016</p>	<p><b>SOFTNESS</b> Company: Softness Private Limited Founder: Chirag Lakhi M.Sc. ICT, Dec 2017</p>	<p><b>Engross Infotech</b> Company: Engross Infotech Pvt. Ltd. Founder: Kavya Limbachiyaa Bhishu Joshi M.Sc. ICT, Dec 2017</p>	<p><b>PURE</b> Company: Pure IT Solutions Founder: Nilesh Parthi M.Sc. ICT, Dec 2012</p>	<p><b>PSK</b> Company: PSK Technologies Founder: Kulkarni Ananya M.Sc. ICT, Dec 2012</p>	<p><b>SILHJANAND</b> Company: SILHJANAND INFOTECH Founder: Harish Kewadga M.Sc. ICT, Dec 2016</p>	<p><b>NimraLab</b> Company: NimraLab Founder: Milan Saccalia M.Sc. ICT, Dec 2016</p>	

## Alumni Entrepreneurs Wall

<p><b>Softpulse</b> Company: Softpulse Infotech Founder: Rabal Bhora Sandeep Harkhani M.Sc. ICT, Dec 2011</p>	<p><b>DAVS</b> Company: DAVS Founder: Babbarh Sahani V. S. Bhatnagar M.Sc. ICT, Dec 2011</p>	<p><b>FM</b> Company: Forum Marketing Digital Marketing Business Founder: Forum Marketing M.Sc. ICT, Dec 2013</p>	<p><b>WINTER</b> Company: Winter Infotech Founder: Romit Gohani V. S. Bhatnagar M.Sc. ICT, Dec 2012</p>	<p><b>Inventam</b> Company: Inventam Founder: Harish Desai Ishant Desai M.Sc. ICT, Dec 2012</p>	<p><b>WebOnetic</b> Company: WebOnetic Founder: Vipul Jain M.Sc. ICT, Dec 2014</p>	<p><b>OMTECWEB</b> Company: Omtecweb Founder: Imanj Patel M.Sc. ICT, Dec 2017</p>	<p><b>Jaisirast</b> Company: Jaisirast Software Founder: Pankaj Niran M.Sc. ICT, Dec 2015</p>	<p><b>Metanote</b> Company: Metanote Infotech Founder: Nehal Patel M.Sc. ICT, Dec 2014</p>	<p><b>StackApp</b> Company: Stackapp Infotech Founder: Dhanu Nihar M.Sc. ICT, Dec 2017</p>	<p><b>Infoweb</b> Company: Infoweb Solution Founder: Sunny Chavli M.Sc. ICT, Dec 2016</p>	<p><b>HARSHANAND</b> Company: Harsh Together Tech Founder: Sagar Bhatt M.Sc. ICT, Dec 2011</p>	<p><b>PARADIGM</b> Company: Paradigm IT Solutions Founder: Jitesh Prajapati M.Sc. ICT, Dec 2017</p>
<p><b>i-Pangram</b> Company: i-Pangram Digital Services LLP Founder: Jayesh Varnadavala M.Sc. ICT, Dec 2016</p>	<p><b>Design The Dots</b> Company: Design The Dots Founder: Zubin Raja M.Sc. ICT, Dec 2016</p>	<p><b>GOUP TECHNOLOGIES</b> Company: Goup Technologies Founder: Sanjay Shrivastava Pooja Bapat M.Sc. ICT, Dec 2011</p>	<p><b>SOLWIN</b> Company: Solwin Technologies LLP Founder: Sanjay Dabhoi M.Sc. ICT, Dec 2017</p>	<p><b>V2WEB SOLUTIONS</b> Company: V2 Web Solutions Founder: Harshal Shah M.Sc. ICT, Dec 2016</p>	<p><b>GENISYS</b> Company: Genisys Founder: Siddharth Sarda Ashish Rana Ajaykumar Pundarik M.Sc. ICT, Dec 2015</p>	<p><b>BRASH TECHS</b> Company: Brash Techs India Founder: Manu Pathanawala S. S. Pathanawala M.Sc. ICT, Dec 2015</p>	<p><b>WChy</b> Company: WChy Founder: Kuldip Shah M.Sc. ICT, Dec 2016</p>	<p><b>LOGITECH</b> Company: Logitech Solutions Founder: Raju Bhat M.Sc. ICT, Dec 2017</p>	<p><b>Beyond Three Solution</b> Company: Beyond Three Solution Founder: Piyush Saraf M.Sc. ICT, Dec 2015</p>	<p><b>DigiEn</b> Company: DigiEn Infotech LLP Founder: Urvil Adhvani M.Sc. ICT, Dec 2011</p>	<p><b>APPGAMBIT</b> Company: Appgambit Founder: Dhaval Nagar M.Sc. ICT, Dec 2016</p>	



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