

Sardar Vallabhbhai Patel Education Society Managed



R. N. G. Patel Institute Of Technology- RNGPIT
Computer Science and Engineering Department

E - Newsletter 2020-21

Volume II: July 2020 to June 2021



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R.N.G. Patel Institute of Technology-RNGPIT

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Patron

Dr. Latesh B. Chaudhari
Principal

Convener

Dr. Madhavi B. Desai
HOD, Computer Science and Engineering

Editors

Mrs. Henita H. Shah
Assistant Professor, Computer Science and Engg.
Mr. Kevin K. Prajapati
Assistant Professor, Computer Science and Engg.

Designed By

Mr. Nikunj Y. Kansara
Assistant Professor, Computer Science and Engg.

Vision

To be the Leading Ethical Institution of Excellence in creating Dynamic Leaders, Technocrats and Researchers in Industrial, Social and Economic Development of Nation.

Mission

To ensure Excellency, promote ethical growth in developing the student's competency, skills, attitude for employability, entrepreneurship and research ability.

To provide an infrastructure, environment that values and encourages knowledge acquisition, academic freedom to make this as a preferred institution.

To develop and retain competent, creative empowered faculties to develop potential leaders adding value to the nation.

To collaborate with industries, Government and research institutes to develop innovative technocrats.

From the Principal's Desk



Dear students,

It is my privilege to warmly welcome you into the great institution dedicated to the cause of top-quality technical education with the goal of "Taking you to for the future endeavours through technology". Our institute has initiated 5-S activity to build new era at the institutional level. RNGPIT became 2nd institute in Gujarat to achieve 5-S - Work Place Management System by Quality Circle Forum of India (QCFI), Secunderabad and Awarded Golden Jubilee Award for outstanding Educational Institute in South Gujarat by Southern Gujarat Chamber of Commerce and Industries (SGCCI).

Computer Science and Engineering (CSE) is the most vibrant branch fostering new developments in computer technology at the crossroads. It provides the most demanding skills one can learn to excel in his/her profession.

It's my immense pleasure to inform you that during the July-2020 to July-2021 and in (COVID-19) pandemic situation, our CSE faculties put their best efforts towards the perfection. They had organized abundant 12 Online Workshops, 1 STTP, 1 Expert Talk, 1 National Seminar and 1 Online Competition to improve the skills of the students. CSE department takes action to make the scattered technocrats at the proper position.

Our **52** students of CSE department have been placed in multinational companies like TCS, Wipro, Cognizant Capgemini, MindTree and well known IT companies in south Gujarat region like La Net Team Software Solutions, Bosleo Technologies Pvt. Ltd., Softstrom Systems Pvt. Ltd., Coderkuba Technologies Ltd, Colortex, APPGAMEBIT, OOZEE Technologies, Solwin Infotech, Zujo Tech Pvt. Ltd., NJD Technologies, Square Infotech, Potent Global Solutions, Circle studio, Determinant Studios, Glowderma Lab Pvt. Ltd., iRoid Solutions, Avinashi Ventures Pvt. Ltd., Fyp Money, Inkey Solution Pvt. Ltd., SRKAY, Infozium Solutions etc. with good packages in range of 1.08 LPA to 7 LPA.

The exemplary infrastructural facilities, the team of highly qualified and dedicated faculties of CSE department - RNGPIT will surely take you to enviable heights in your capabilities and achievements.

Dr. Latesh B. Chaudhari
Principal,

R.N.G. Patel Institute of Technology – RNGPIT, Bardoli

From the Head of Department's Desk



It gives me great pleasure to present the yearly issue of the Computer Science and Engineering (CSE) Department, RINGPIT Newsletter for the academic year 2020-21. True to its name, this newsletter gives an insight into the range and scope of the imagination and creativity of our students, faculty members and department. Providing ample opportunities in engineering education is one of the most fundamental obligations we owe to our students because in RINGPIT, CSE department, we are driven by the belief that every student deserves a high-quality education.

Technology is evolving at a dizzying rate and our classrooms may not be designed to keep pace with it. There may be a lot wrong in the style of education but the pages of Newsletter tell the tale of all that have been a part of what is right about the education they get in RINGPIT, Computer Science and Engineering Department.

Our CSE department has achieved excellent results in recent university examinations. We secured 1st rank at state level and zone level in semester-7 GTU Summer 2021 Examination. We secured 1st position at zone level in semester 1 and 2nd position at zone level in semester 3 and semester 5 GTU Winter 2020 Examination. To make students industry ready, CSE Department has signed MoU with Coderkube Technology Pvt. Ltd., Surat for skill development, training, internship and placement support. Department has arranged 15 days Summer Internship on "Full Stack Machine Learning" in association with zujo Tech. Pvt. Ltd., Surat for pre final year students. Department has received financial support from GUJCOST for a conduction training program for students and faculties.

I applaud the editorial team for the hard work and dedication they have invested in realizing this goal, and wish my dear students success in all future endeavours.

Dr. Madhavi B. Desai
Head of Department,
Computer Science and Engineering Department

Department Best Practices

- Outcome based learning
- Continuous mentoring and student project assessment
- Organize conferences, webinars, workshops, STTP, expert sessions on cutting edge technologies.
- Extra technical activities other than curriculum are organized by Google Developer Student Club (GDSC) and Computer Society of India (CSI) chapter for all round development of students to make them industry ready.
- Faculty and students work on research projects funded to engage students in research related activities by Student Start-up Innovation Policy (SSIP).
- Subject wise project

Department Profile

Name of the Department	Computer Science and Engineering
Course	Bachelor of Engineering
Year of Starting	2010
Year wise Sanctioned Intake	60

Vision and Mission

Vision

- To create a holistic teaching -learning ecosystem with a vision to prepare globally competent computer professionals for the development of society and the nation.

Mission

- To ensure effective and efficient teaching learning process for sound fundamentals.
- To impart technical skill through effective handson practice on advanced technologies and Value education.
- To prepare industry ready professionals by industry partnerships and entrepreneurs activities.
- To inculcate human values, research capabilities, leadership abilities and ethics in young minds.

Program Educational Objectives (PEOs)

PEO1: The graduates will be able to interact with their peers in industries and society as an engineering professionals, entrepreneurs and leaders to set up technical ambience in the society.

PEO2: The graduates will be able to reveal professionalism, ethical attitude, strong communication skills and maintain good team work spirit in their profession.

PEO3: The graduate will be able to utilize their skills with strong foundation to prepare them for higher learning and research activity.

PEO4: The graduate will be able to build up an ability to analyse the requirements, comprehend professional specifications, design and provide engineering solutions.

Program Specific Outcomes (PSOs)

PSO1: Analyse, design and develop algorithmic solutions to any real life problems.

PSO2: To provide solutions for complex engineering problems by understanding the computer science concepts.

PSO3: To demonstrate the use of knowledge and ability to write programs and integrate them with software/hardware products in the domain of database, networking, data analytics, mobile communication technologies and web technologies.

Faculty Profile

Sr. No.	Faculty Name	Designation	Qualification
1	Dr. Madhavi B. Desai	Head of Department	Ph.D. (CE)
2	Miss Bhavini R. Bhatt	Assistant Professor	Ph.D. (Pursuing) (CE)
3	Mrs. Dharmishtha R. Chaudhari	Assistant Professor	Ph.D. (Pursuing) (CE)
4	Mr. Vivek C. Joshi	Assistant Professor	Ph.D. (Pursuing) (CE)
5	Mr. Narendra V. Jagtap	Assistant Professor	Ph.D. (Pursuing) (CE)
6	Mr. Dhaval J. Rana	Assistant Professor	Ph.D. (Pursuing) (CE)
7	Mr. Hemang J. Shah	Assistant Professor	M.E. (CE)
8	Mr. Nikunj Y. Kansara	Assistant Professor	M.Tech (CSE)
9	Mr. Ankit D. Prajapati	Assistant Professor	M.E. (CSE)
10	Mrs. Henita H. Shah	Assistant Professor	M.E. (CSE)
11	Miss Bhagyasri G. Patel	Assistant Professor	M.Tech (IT)
12	Mr. Kevin K. Prajapati	Assistant Professor	M.Tech (CE)
13	Mr. Harsh P. Naik	Assistant Professor	M.E. (EC)
14	Mrs. Hardi A. Patel	Assistant Professor	M.E. (CE)

Department Achievements

Orientation 2020

The orientation program 2020-21 was held online which included a presentation about the college and its facilities. Computer Laboratories, Google Developer Student Club (GDSC), Interaction of 2nd and 3rd year students took the new comers for a campus tour and made them familiar with the campus.



MOU Signed

✓ **Aspiring Minds, Gurgaon** for Pre-employment skill enhancement test **AMCAT** and providing job opportunities in MNCs like TCS, Wipro, Cognizant etc and various reputed IT industries.

✓ **D-Link for D-Link Academy** – An authorized Training Centre for **D-Link certified Network Engineers**.

✓ **Wifi Enabled Campus** in association with **Reliance Jio Pvt. Ltd.**

✓ Department is running out academic interface like **“IBM Academic Initiative”** and **“TCS-AIP”**.

✓ **National Skill Development Corporation (NSDC) – Ministry of Development and Entrepreneurship** for skill development program.

✓ Establishment of **e-Yantra Robotics Lab** under **e-Yantra Lab Set-up Initiative (eLSI)** by **IIT Bombay** to provide platform to harness the intellectual talent of young India to create utility based **robotic applications** for usage across variety of applications such as agriculture, manufacturing, defence, home, city maintenance and services industries.

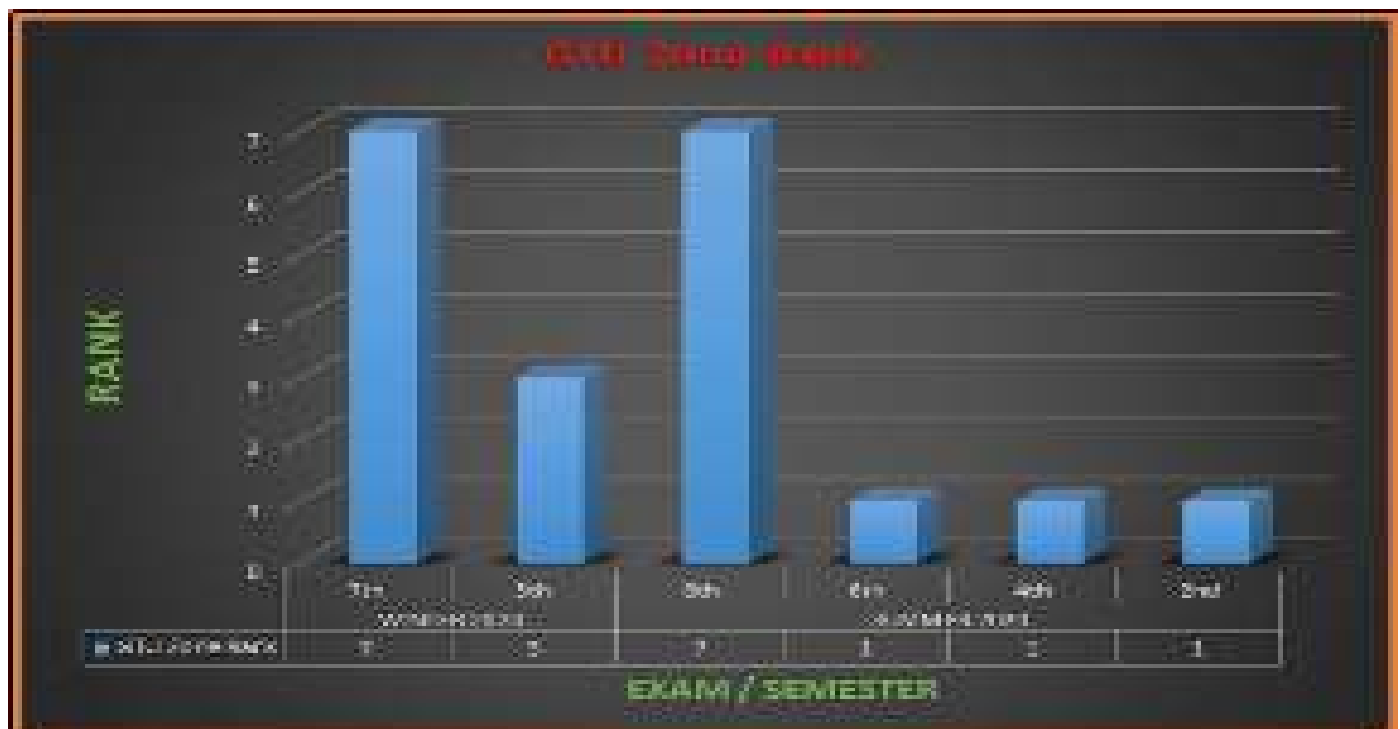
✓ **RedHat Academy in association with Prakshal IT Academy, Ahmedabad** as Training Provider for imparting new generation **Linux skills** inside our students through international certification programs namely **RHCE and RHSE**.

✓ **LoftySoft AB (Sweden), Getwings Technologies Pvt. Ltd. Ahmedabad** for setting up **“IoT Lab”** and Centre of excellence in future.

✓ Department has been nominated as **“Resource Centre” for Spoken Tutorial by IIT Bombay**, A project founded by MHRD, Government of Maharashtra.

✓ **CODERCUBE TECHNOLOGIES LTD, Surat** for the **INTERSHIP PROGRAMME** of final year students of **B.E-Computer Science & Engineering**. Company will provide internship, training on the emerging technologies as per the need of industry and absorb at least 80% students after successfully completion of internship. It will bridge the Skill gap between industry and academia.

✓ Results



BARODA VALLABHBHAI PATEL EDUCATIONAL SOCIETY MANAGED
 B. AL. B. PATEL INSTITUTE OF TECHNOLOGY (BIPIT)
 BAROLI-NANASAR ROAD, PROKATAPORE, BAROLI, JI. GUJARAT. PIN CODE: 391235
 PHONE: 079-22233333 FAX: 079-22233333

COMPUTER SCIENCE & ENGINEERING DEPARTMENT

CONGRATULATIONS FOR THE GRAND SUCCESS TO ALL ACHIEVERS

20 Students have achieved 10 SPI in GTU SEM 8 SUMMER 2020 EXAM

TANVI BHATT 201901001000100 90.00%	LAKSHMI 201901001000100 90.00%	PARUL KHODHORA 201901001000100 90.00%	MANISH PARMAR 201901001000100 90.00%
TANVI BHATT 201901001000100 90.00%	LAKSHMI 201901001000100 90.00%	PARUL KHODHORA 201901001000100 90.00%	MANISH PARMAR 201901001000100 90.00%
TANVI BHATT 201901001000100 90.00%	LAKSHMI 201901001000100 90.00%	PARUL KHODHORA 201901001000100 90.00%	MANISH PARMAR 201901001000100 90.00%
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TANVI BHATT 201901001000100 90.00%	LAKSHMI 201901001000100 90.00%	PARUL KHODHORA 201901001000100 90.00%	MANISH PARMAR 201901001000100 90.00%
TANVI BHATT 201901001000100 90.00%	LAKSHMI 201901001000100 90.00%	PARUL KHODHORA 201901001000100 90.00%	MANISH PARMAR 201901001000100 90.00%

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COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

STUDENT ACHIEVERS 2020-21

2020-21 Winter 2020			2020-21 Summer 2020		
Shikha 201901001000100 90.00%	Anshika 201901001000100 90.00%	Akshay 201901001000100 90.00%	Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%
2020-21 Winter 2020					
Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%
2020-21 Summer 2020		2020-21 Summer 2020		2020-21 Summer 2020	
Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%	Anshika 201901001000100 90.00%

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(PREVIOUSLY KNOWN AS ITPE) AFFILIATED WITH U.T.U. & APPROVED BY AICTE



ACADEMIC PERFORMANCE 2020-21
EXCELLENCE IN LEARNING & RESEARCH IN EDUCATIONAL TECHNOLOGY

Course: OAD Examination



Secured 100% marks in 8th Semester



Secured 100% marks in 1st Semester



Secured 100% marks in 5th Semester



Secured 100% marks in 2nd Semester

Major: OAD Examination



Secured 94.20% marks in 7th Semester



Secured 97.20% marks in 6th Semester

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(PREVIOUSLY KNOWN AS ITPE) AFFILIATED WITH U.T.U. & APPROVED BY AICTE

CONGRATULATIONS

WINTER



01
Pooja Shikha
 19064007002
 94111884



02
Trishit Patel
 17064007002
 94111884



03
Raj Bhargava
 19064007002
 94111884



04
Anshika
 19064007002
 94111884

SEMESTER 7



05
Parva Nandini
 17064007002
 94111884



06
Anshika
 19064007002
 94111884



07
Pooja Shikha
 19064007002
 94111884



08
Anshika
 19064007002
 94111884



09
Anshika
 19064007002
 94111884

COMPUTER SCI & ENGG. DEPT. TOPPERS

BARDOLI-NAVSARI ROAD, ISROLI(TAJPORE) BARDOLI
 MO. 9512900457, 9512900458



Sr. No.	GTU Examination	Semester	Zone Rank	GTU Rank	Percentage
1	Summer 2020 Examination	8	1/15	1/90	100.00%
2	Summer 2020 Examination	6	1/15	1/87	100.00%
3	Summer 2020 Examination	4	1/7	1/25	100.00%
4	Summer 2020 Examination	2	1/4	1/17	100.00%
5	Winter 2020 Examination	7	7/14	20/97	94.29%
6	Winter 2020 Examination	5	2/7	4/25	97.14%
7	Winter 2020 Examination	3	2/4	5/17	51.25%
8	Winter 2020 Examination	1	1/4	4/17	86.76%
9	Summer 2021 Examination	8	1/15	1/90	100.00%

Department Activities

✓ CSE department has carried out several activities since its inception for betterment of students in today's technological world from 1st July, 2020 to 30th June, 2021.

✓ CSI Chapter Inauguration

• AICTE approved and Gujarat Technological University affiliated Degree Engineering institute "R. N. G. Patel Institute of Technology (RNGPIT)" at Bardoli, Gujarat inaugurated CSI Student chapter on 7th September 2020.



• **Computer Society of INDIA (CSI)** is the oldest and largest organization of IT professionals in India. CSI Facilitate Research, Knowledge Sharing, Learning and Career Enhancement among all categories of IT professionals. CSI promotes and provides financial support for research work in contemporary areas in IT and Computer Science. Computer Science and Engineering department of RNGPIT institute has organized 6 Days STTP on "Practical Approach towards Modern Mobile Application Development" from 07.09.2020 to 12.09.2020 under the banner of CSI. The CSI Student Chapter at CSE department, RNGPIT was inaugurated by Dr. Nitin Oza, Ex. Chairman of CSI Student chapter and Managing Director of Surat Presstech Pvt. Ltd. and it was graced by chairman of Surat IT Company Owners (SICO) Mr. Ashish Dhameliya. Dr. Latesh B. Chaudhari, Principal of RNGPIT provided introductory speech about various technical activities conducted by institute during current year. Dr. Nitin Oza sir inaugurated the CSI Student chapter and provided the details about CSI and CSI student chapter benefits. Nitin Sir has motivated the students to participate in various technical activities governed by CSI. He added "As 250 Chinese applications has recently banned by Indian government, students can have their own start-up for "Atmanirbhar Bharata". Sir also added that CSI works to fulfil gap between industry and academia and told students to take benefits of selecting project definition, career guidance, downloading study material, Publications, participation in various competitions through CSI. Dr. Madhavi B. Desai, Head of Computer Science & Engineering has provided the brief idea about various activities

conducted under the banner of CSI. Total 101 students of RNGPIT are members of CSI student chapter and 11 faculties of Computer Science & Engineering department are active members of CSI.

• More than 250+ participants were present in inauguration of the programme. The programme was enlightening and inspiring for participants.

✓ Department 5S Activities

• CSE Department - R.N.G. Patel Institute of Technology - RNGPIT, Isroli – Bardoli takes initiatives to make the scattered technocrats at the proper position under the guidance of five S Team.

✓ The right meaning of 5S:

- **1S SEIRI** - Reorganization - segregation of items- wanted and unwanted
- **2S SEITON** - Neatness - Functionally storage labeling and fixing, PEEP - Place for everything and everything on its place
- **3S -SEISO** - cleaning and Inspection, Cleaning equipment and cleaning schedule
- **4S - SEIKETSU** - Visual Management, Aim of 5S is to reduce efforts and energy of man power
- **5S - SHITSUKE** – Discipline - Make system sustain and maintain consistency and strive for continued improvement.

- **Zone Leader:** Dr. Madhavi B. Desai
Zone Coordinator: Mr. Ankit D. Prajapati

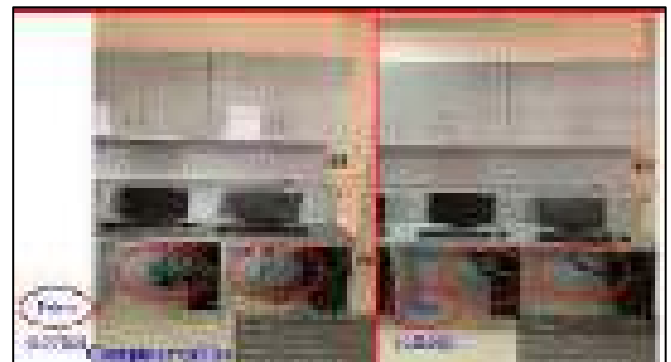


Fig.: CSE Department Lab 1



Fig.: Server Room

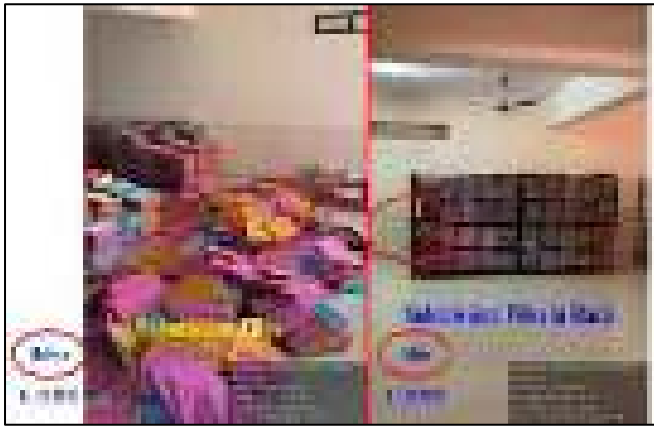


Fig.: Store Room



Fig.: CSE Department Corridor



Fig.: Store Room



Fig.: Key Rack



Fig.: CSE Department Corridor

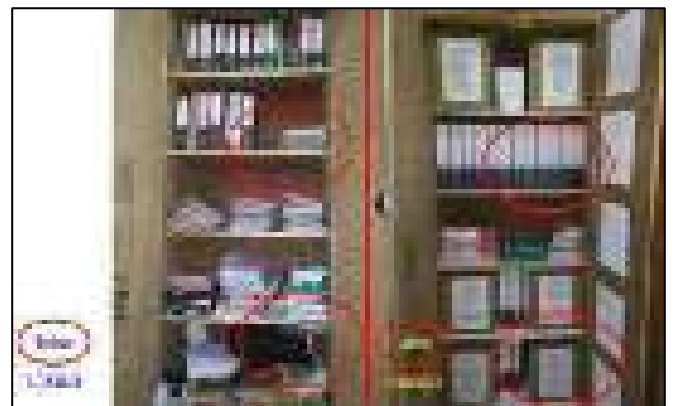


Fig.: Cupboard



Fig.: CSE Department Corridor

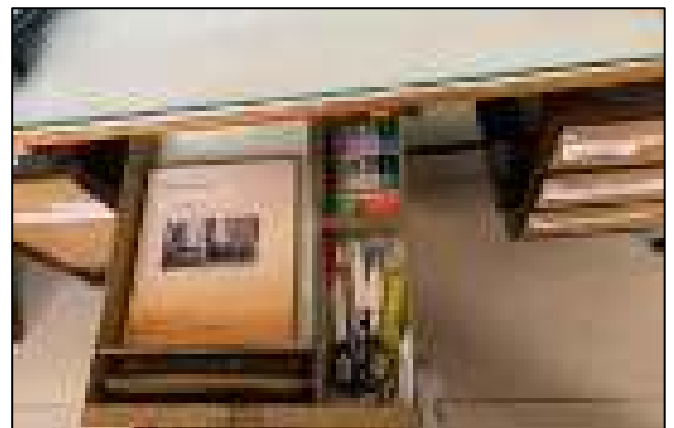


Fig.: Faculty Table



Fig.: Faculty Table



Fig.: Faculty Table



Fig.: Department Cupboard

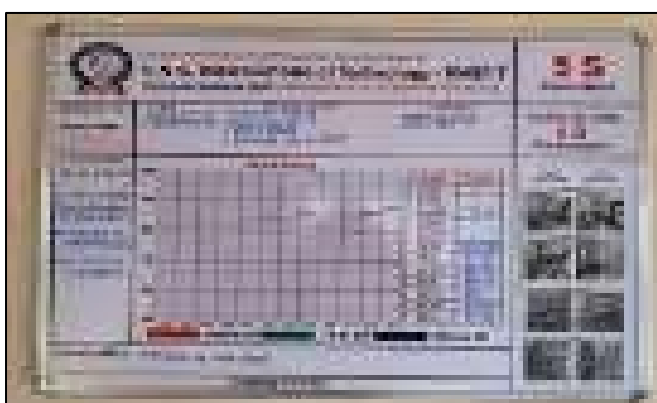


Fig.: Audit Rating Analysis Chart

✓ Computer Science and Engineering department of our Institute RNgPIT, Bardoli has performed many activities which includes National Seminar, Online Competition, STTPs, Expert Speech, Workshops, Summer Internship program etc.

✓ National Seminar

• **GUJCOST Sponsored one day National Seminar** has been successfully organized on **"Roadmap to write Technical Research Paper"** on 3rd May 2021 by Computer Science and Engineering department of RNgPIT.



• This one-day seminar was organized to encourage research scholars, students to learn and apply formal methods for drafting research paper that helpful for their research work. This National Seminar is designed to give theory knowledge about Research paper drafting and demonstration of tools related to research paper. The sessions were designed to help the participants learn about drafting a research paper, understanding process of review and ethics related to research. In this National Seminar, participants will get expertise from different experienced academicians; hence they will get more exposure to research paper drafting and its related tools. Considering the above perspectives, Dr. Madhavi Desai sent a proposal to GUJCOST and received a grant of rupees sixteen thousand for organizing the said seminar. The event has been organized online via YouTube stream yard Platform. Dr. Madhavi B. Desai, Convener, provided brief introduction about the National Seminar and participants. Dr. L. B. Chaudhari, Principal, R.N.G. Patel Institute of Technology, discussed the detailed schedule of the national seminar and importance of it. Mrs. Dharmishtha R. Chaudhari, Coordinator provided brief introduction of the experts of the seminar. Dr. Mayuri Mehta, Professor at SCET delivered talk on "Drafting a research paper". She also discussed how to choose right journal and its related tools. Dr. Bhavesh Gohil has discussed "The review process for research paper". Sir has also demonstrated various tools related to review process. Dr. Vibha Patel, Head of IT Dept.,

VGEC delivered “Ethics of Research” and the necessary tools of plagiarism.



226 participants benefited from the National Seminar. The hosting and online coordination program is handled by Mrs. Dharmishtha R. Chaudhari. Mr. Hemang J. Shah delivered a vote of thanks at the end of the event.

✓ Online Competition

• Computer Science and Engineering department - RNGPIT, Bardoli has arranged one day **online competition event on "CODEMONK"** in association with Girlscript, Surat dated on 8th August 2020. 71 students of engineering 1st, 2nd, 3rd year students, diploma final year students and degree final year students attended this one day event.

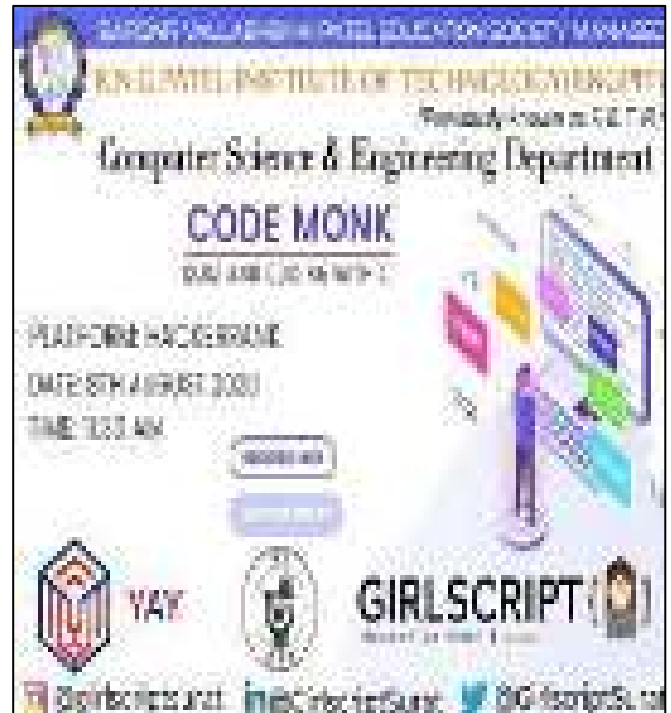
Platform:

Quiz: Google Form

Coding: Hacker Rank

The first round consisted of 10 multiple choice questions in Google Form which checked the basic knowledge of student in C language. The second round was on HackerRank platform and 5 competitive level

coding problems were given to the students with difficulty level of easy, intermediate and advanced.



Patron:

Dr. Latesh B. Chaudhari, Principal, RNGPIT

Convenor:

Dr. Madhavi B. Desai

Head, CSE department, RNGPIT

Faculty Co-Ordinator:

Mrs. Henita H. Shah

Asst. Prof., CSE Department, RNGPIT

Student Co-Ordinators:

All 7 students are from Comp17 Batch, Final year, Semester 7, RNGPIT.

- Heli Kapadia
- Mohit Sojitara
- Jayesh Mungara
- Jayesh Mungara
- Parth Kanani
- Rinkal Agrawal
- Visarg D. Desai
- Deep D. Mevada

✓ Short Term Training Program (STTP)

- STTP on **“Practical Approach towards Modern Mobile Application Development”**

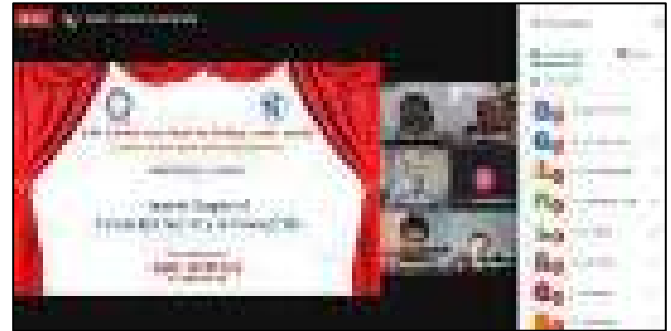
A GUJCOST sponsored six days short term training program **“Practical Approach towards Modern Mobile Application Development”** was organized by R.N.G. Patel Institute of Technology, Bardoli dated on 7th-12th September, 2020.



This six days STTP was organized to fulfil the gap between the academia and industry so that students can deploy themselves into the industry. This STTP is designed to give hands on practice to explore Mobile Application Development. The sessions are designed to help the participants learn about best practices to be followed while implementing Mobile Applications using Android for various real-world applications. In this STTP, participants will get expertise from industry only, hence they will get more exposure to deploy their development into market. The event has been organized online via Google Meet Platform. Dr. L. B. Chaudhari, Principal, R.N.G. Patel Institute of Technology, delivered a key note address for the STTP. Dr. Madhavi Desai, Convener, welcomed the speaker of STTP. **Dr. Nitin Oza**, Ex. Chairmain, CSI Student Chapter, Managing Director of Surat PressTech Pvt. Ltd. was also present in inauguration of the STTP.

Mr. Ashish Dhameliya, Owner & CEO Escrow Infotech, Surat delivered talk on **“Emerging Mobile Application Development Trends”** and **“Challenges in Mobile Application Development”** on Day 1. Mr. Narendra Jagtap, Program Co-ordinator is moderator for the STTP for Day 1 and Day 2. **Mr. Manthan Patel**, Senior Android Developer, Escrow Infotech, Surat delivered talk on **Working with Widgets in Android, material design, RESTful API with Firebase with theoretical as well as practical approach** on Day 2, Day 3, Day 4. Mr. Dhaval Rana, Program Co-ordinator is moderator for the STTP for Day 3 and Day 4. **Mr. Yash Jain**, Senior

Android Developer Escrow Infotech, Surat delivered expert talk on **“Push Notification using GCM (Google Cloud Messaging) services, Kotlin programming for Android”** and **“Introduction and Hands on session on Flutter”** on Day 5 and Day 6 respectively.



240 participants benefited from the STTP. Miss Bhagyasri Patel, Program Co-ordinator is moderator for the STTP for Day 5 and Day 6. Dr. Madhavi Desai, Convener of the STTP delivered a vote of thanks at the end of the event.

✓ Expert Speech

- Expert Speech on **“Artificial Neural Networks: Advancements and Applications”**

Computer Science and Engineering Department – R.N.G.PIT has organized expert talk on **“Artificial Neural Networks: Advancements and Applications”** dated on 25th May, 2021 in which 71 students of comp17 class had participated.

Expert: Mr. Karan P. Bhatt

Profile: Assistant Professor (Class-2), Computer Engineering Department, Vishwakarma Government Engineering College, Chandkheda-Ahmedabad.



In this expert talk basics of artificial intelligence, advancement and applications of Artificial Neural Networks as been delivered by the expert.

- **Google Developer Student Club (GDSC)**



- Department students are currently handling a club **"Google Developer Student Club (GDSC)"** under Google at RNGPIT Campus since 2018.

- **Google Developer Student Clubs (DSC)** is a community groups for students from any academic background in their undergraduate or graduate term. DSC provides students a platform to build their professional and personal network, get access to Google developer resources, and work together to build solutions for local problems in a peer-to-peer learning environment during their graduation.

- **Mr. Raj Kharvar** our fellow student of Computer Science and Engineering department was appointed as **DSC Lead** by Google LLC, India for the year 2020. Under his leadership, more than 300 students are actively participating in this programme at our Institute. Many workshops and fun activities are carried out till date on various topics like Machine Learning, IoT, Block chain, Hands- on workshop on Android App Development, Game Development, Advanced concept of Android App Development etc. Every year Google organises

Developer Student Club Summit, where student Lead from various Institutes participate in it. This program will make it easy for students and developers to gain the skills they need to be successful in the changing technology landscape.

- Our Department Students are the core team members of this club and really, we are happy to share with you all that till now **35 sessions on topics of new technologies** are carried out and around more than 300 students of Computer Science and Engineering Department have actively participated in it.

- These topics are such that which are not part of students' regular academics and these sessions are carried out by students to other students of CSE department and not by any faculties. Department Students are actively participating in it and are also delivering sessions on new technologies.

- Members of Club are arranging online and offline sessions by carrying out different type of activities like Technical Competitions, Online Workshops, Short Term Training Program (STTP), Hands on Sessions, Technical Quiz etc. for students of Computer Science and Engineering department and students of B.Voc-Software Development department too.

- ✓ **GDSC Events:**

- ✓ **Workshops**

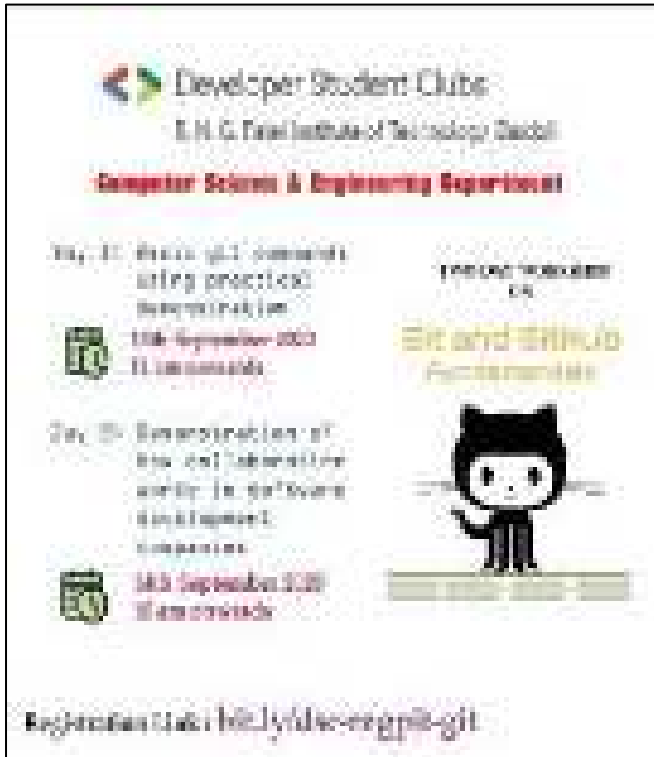
- Workshop on **"C Programming Fundamentals"** Computer Science and Engineering Department – RNGPIT, DSC Team has organized two days workshop on **"C Programming Fundamentals"** under DSC Team conducted by Mr. Arjav Desai & Mr. Bhavya Desai dated on 10th July, 2020 and 11th July, 2020 in which more than 100 students had participated.

- Workshop on **"How to Learn Any Cloud Platform as a Student"**

Computer Science and Engineering Department – RNGPIT, DSC Team has organized one day hands on workshop on **"How to Learn Any Cloud Platform as a Student"** under DSC Team conducted by Mr. Nirmal Chhodvadiya dated on 2nd August, 2020 in which 65 students had participated.

- Workshop on **"GIT and GITHUB Fundamentals"** Computer Science and Engineering Department – RNGPIT, DSC Team has organized two days workshop on **"Git and Github Fundamentals"** under DSC Team conducted by Mr. Raj Kharvar & Mr. Visarg Desai dated

on 13th September, 2020 and 14th September, 2020 in which more than 95 students had participated.



• Workshop on “Getting Started with Game Development – I”

Computer Science and Engineering Department – RNGPIT, DSC Team has organized one day hands on workshop on “Getting Started with Game Development – I” under DSC Team conducted by Mr. Deep Mevada & Mr. Tapan Panchal dated on 18th October, 2020 in which 45 students had participated.



• Workshop on “Getting Started with Game Development – II”

Computer Science and Engineering Department – RNGPIT, DSC Team has organized one day hands on workshop on “Getting Started with Game Development – II” under DSC Team conducted by Mr. Deep Mevada & Mr. Tapan Panchal dated on 25th October, 2020 in which 45 students had participated.

• Workshop on “Introduction to 30 days of Google Cloud”

Computer Science and Engineering Department – RNGPIT, DSC Team has organized one day workshop on “Introduction to 30 days of Google Cloud” under DSC Team conducted by Mr. Keyur Panchal dated on 11st October, 2020 in which 160 students had participated along with the Head of department and some faculties. This workshop held on online platform (i.e., Google Meet). Students started first lab of cloud computing with google in which, knowledge about VM instance in cloud was delivered by Mr. Keyur Panchal. How students can deploy it in cloud profile and also, students deploy it in two ways 1st one using cloud interface and 2nd one using cloud shell. Students were encouraged to explore qwiklabs and features of google cloud with practical knowledge.



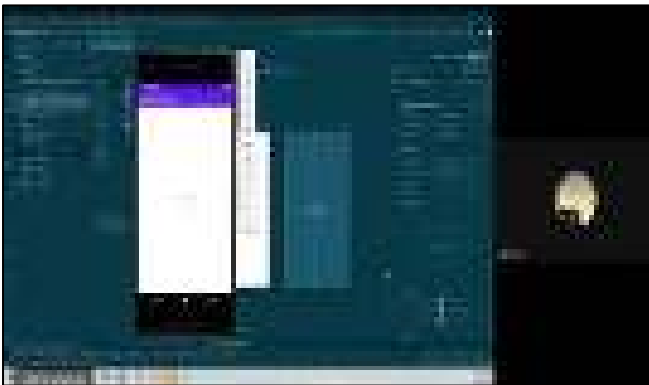
- Workshop on **“Info Session on Google Study Jams Android”**

Computer Science and Engineering Department – RNGPIT, DSC Team has organized one day workshop on “Info Session on Google Study Jams Android” under DSC Team conducted by Mr. Arjav Desai dated on 30th November, 2020 in which 35 students had participated.

This workshop held on online platform (i.e., Google Meet). Introduction to the two programming tracks were covered: -

New to Programming Track: Learn the basics of building Android apps with the Kotlin programming language and develop a collection of simple apps to start your journey as an Android developer.

Prior Programming Experience Track: First learn the essentials of the Kotlin programming language. Then learn the fundamentals of Android development and best practices by building a variety of Android apps in Kotlin.

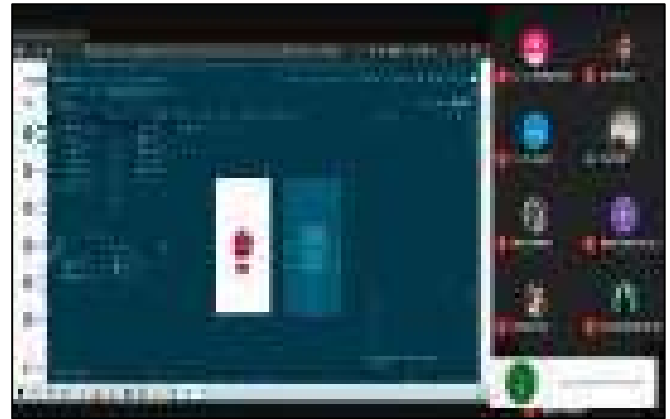


On First day students started with learning about what different modules of both tracks will teach them about app development. How students can learn kotlin with resources provided by google and plugin which help them solve challenges directly from the IDE. Students were encouraged to explore Android Study jams platform and how they can earn different badges while making android apps.

- Workshop on **“Android Study Jams-Session 2”**

Computer Science and Engineering Department – RNGPIT, DSC Team has organized one day workshop on **“Android Study Jams-Session 2”** under DSC Team conducted by Mr. Arjav Desai dated on 26th December, 2020 in which 35 students had participated.

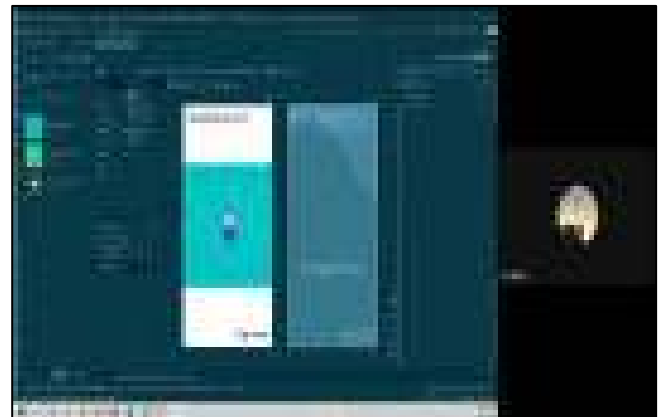
All the intended participants joined for the session and started off with the new to programming track. Students were illustrated the basics of making an app with the exam of the dice app and made the app while also demonstrating the unique features of kotlin.



- Workshop on **“Android Study Jams-Session 3”**

Computer Science and Engineering Department – RNGPIT, DSC Team has organized one day workshop on **“Android Study Jams-Session 3”** under DSC Team conducted by Mr. Arjav Desai dated on 9th January, 2021 in which 35 students had participated.

The session was continued where it was left off in the session 2 and completed the particular module that was started with and completed the dice app. Also added certain features to the app and finished off with the session by demonstrating the working app.



Basic and advanced concept of android development was cleared by this workshop on Android Study Jams. Android Study Jams and real-world android application were discussed and Starting the journey of android app development.

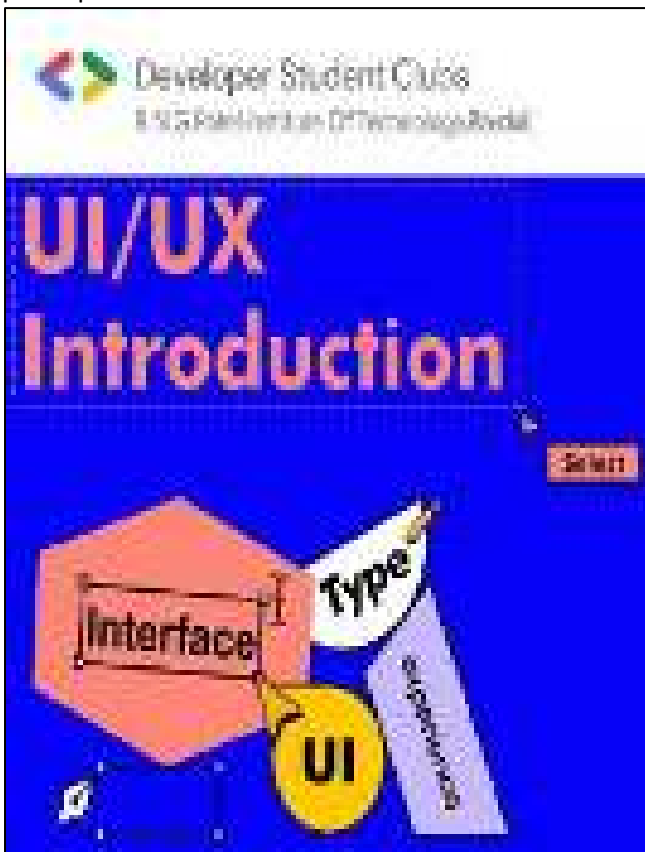
- Workshop on **“Python 101”**

Computer Science and Engineering Department – RNGPIT, DSC Team has organized one day hands on workshop on **“Python 101”** under DSC Team conducted by Mr. Tapan Panchal and Ms. Anjali Biju dated on 27th February, 2021 in which 150 students had participated.

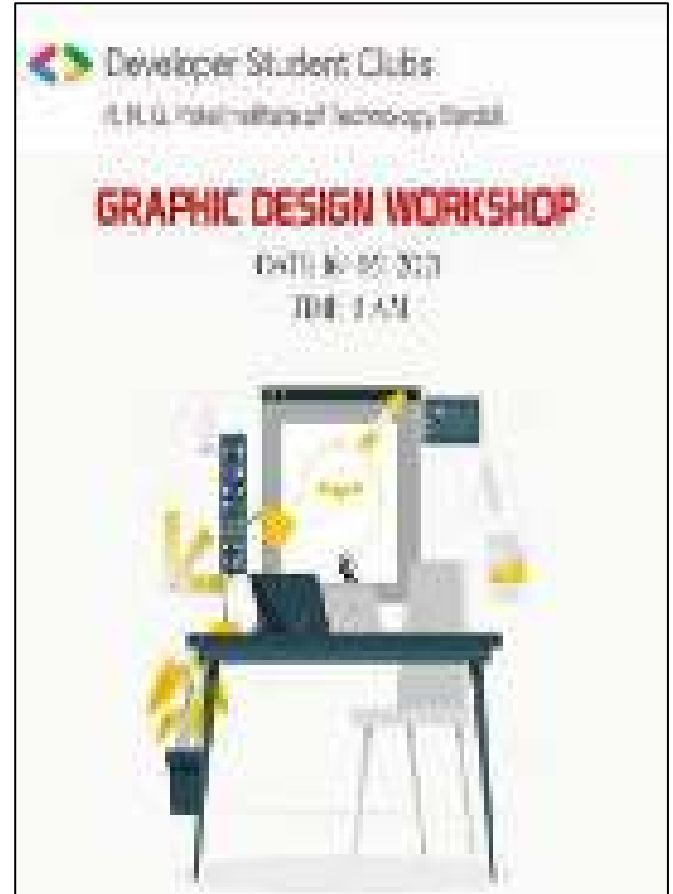


• Workshop on **“UI/UX Introduction”**

Computer Science and Engineering Department – RINGPIT, DSC Team has organized one day hands on workshop on **“UI/UX Introduction”** under DSC Team conducted by Mr. Vatsal Pandey and Mr. Mithil Pandey dated on 1st March, 2020 in which 150 students had participated.



• Workshop on **“Graphic Designing Workshop”**
Computer Science and Engineering Department – RINGPIT, DSC Team has organized one day hands on workshop on **“Graphic Designing Workshop”** under DSC Team conducted by Mr. Jayesh Mungara and Ms. Dhruvi Mistry dated on 16th May, 2020 in which 56 students had participated.



Summary of Department Activities		
Sr. No.	Activity	Count
1	Seminar	1
2	Competition	1
3	STTP	1
4	Expert Speech	1
5	Workshops	12

• **Summer Internship Program**

• Computer Science and Engineering department RINGPIT, Bardoli has arranged 15 days **Summer Internship Training Program on "Full Stack Machine Learning"** in association with Zujo Tech. Pvt. Ltd., Surat dated on 31st May,2021 to 12th June, 2021.

Expert: Mr. Arjun Kava

Profile: CTO, Zujo Tech. Pvt. Ltd., Surat



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**GUJARAT
 TECHNOLOGICAL
 UNIVERSITY**



**Computer Science and
 Engineering Department**



Zuja Tech Pvt. Ltd.

Jointly Organized
SUMMER INTERNSHIP TRAINING

On

Full Stack Machine Learning

As per decided by BTL for Pre-Final year Students of CSE, Computer Science And Engineering

Duration of the Internship: 2 Weeks

Fee: Rs. 1000 /- per student

OBJECTIVE

To provide training in the field of machine learning and deep learning and equip the students to solve societal problems through integration of AI and DL approaches to conventional applications.

OUTCOMES

- Understand the fundamental concepts and mathematics to understand basics of Machine Learning.
- Appreciate the implementation of ML and DL algorithms through hands-on training.
- Train, Test and Deploy models to integrate with real world applications to make them more meaningful.

PRE-REQUISITES

- Basics of Python Programming
- Python Libraries like NumPy, Pandas and Matplotlib

H/W & S/W REQ.

- Desktop/Laptop with good connectivity of internet
- Latest version of Google chrome browser

CONTENTS

- **Machine Learning**
 - Introduction to Machine Learning
 - Decision Tree, Decision Forest, SVM
 - Classification algorithm
 - Regression Analysis with Mathematics
 - UnSupervised Machine Learning
 - Artificial Neural Network (ANN) - Its Working and Mathematics behind it
 - Hyper Parameter Tuning
- **Deep Learning**
 - Introduction to Deep Learning and its application
 - **Computer Vision**
 - Introduction to Computer Vision
 - In depth understanding CNN with mathematics behind it
 - **Image/Text**
 - Understanding RNN, LSTM, Encoder, Decoder
- **Transformers**
 - Introduction to transformers
 - BERT, GPT/GPT-2/GPT-3, GPT-4, claude
- **Flask**
 - Introduction to flask
 - Deploying a model

Internship Training comprises of hands-on exercises on ML and DL approaches like Classification, Regression, ANN, CNN, RNN, etc. and model deployment with integration.

- Project Implementation

REGISTRATION LINK: ➤➤ <https://forms.gle/5y69d4v2t466t76>



Computer Science and Engineering Department E-News Letter

Date	Program
31-05-2021	Machine Learning - <ul style="list-style-type: none"> ● Introduction to Machine Learning ● Supervised Machine Learning Algorithm: Linear Regression, Gradient Descent ● Hands-on session on Linear Regression
01-06-2021	<ul style="list-style-type: none"> ● Supervised Machine Learning Algorithm: Classification Algorithm, Support Vector Machine ● Hands-on session on implementation of SVM
02-06-2021	<ul style="list-style-type: none"> ● Artificial Neural Network (ANN): Introduction, Mathematics, Backpropagation, SGD ● Hands-on session on implementation of model using ANN
03-06-2021	<ul style="list-style-type: none"> ● Convolution Neural Network (CNN): Introduction, Mathematics, Adam and RMS prop ● Hands-on session on CNN
04-06-2021	<ul style="list-style-type: none"> ● Natural Language Processing: RNN, LSTM, Encoder / Decoder ● Hands-on session RNN
05-06-2021	<ul style="list-style-type: none"> ● Introduction to transformers: Introduction, BERT, GPT/GPT-2/GPT-3 ● Hands-on session GPT3
07-06-2021	<ul style="list-style-type: none"> ● Introduction to flask: Setup, Create API, Inference a model
08-06-2021 to 12-06-2021	Project Implementation

In this Summer Internship Program, students have implemented the following projects on different definitions.

Sr. No.	Pen No.	Name of Student	Final Project Title
1	170840107035	Panchal Hemil Kalpeshbhai	Image Caption Generator using CNN
2	180840131001	Andani Mehul Bhanubhai	Solar Radiation Prediction
3	180840131002	Bhavsar Isha Kamleshbhai	Heart Attack Analysis
4	180840131003	Borse Rohit Sanjay	Specific animal Breed Prediction model using Deep Learning (ex. Monkey,Cat)
5	180840131004	Chaudhari Megha Mukeshbhai	Indian Traditional Wear Chatbot
6	180840131006	Pathak Daksh Keyur	Personality Prediction
7	180840131007	Dankhara Jenilkumar Tulsibhai	Heart Attack Prediction
8	180840131008	Desai Arjav Kishorkumar	Binary Image classification: Discriminate Real and Fake Face Images
9	180840131009	Desai Bhavyakumar Bhavinbhai	Prediction of covid cases for particular geographical area
10	180840131010	Desai Darshit Piyush	Rainfall Prediction using Machine Learning
11	180840131011	Jahnavi Alkesh Desai	Divorce prediction
12	180840131015	Gandhi Priyam Virendrabhai	Traffic signs classification
13	180840131016	Gohil Abhisheksinh Alkesh	Drug Class Classification
14	180840131018	Gopani Om Dhirubhai	Automatic License Number Plate Recognition
15	180840131019	Gurav Parva Nitin	Image Classification
16	180840131020	Kadiwala Abhishek Dharmeshbhai	Skin Cancer Classification
17	180840131021	Kagzi Abdulbasit Ibrahim	student's performance Prediction
18	180840131022	Kathiria Raghav Bipinbhai	Marks prediction using linear regression

19	180840131023	Lad Krutarth Prakashchandra	Social Distancing Analyser
20	180840131024	Lad Mahi Nimeshkumar	Stroke Prediction
21	180840131025	Lad Shreya Sureshbhai	Flower Categorization with Deep Learning model
22	180840131026	Mahyavanshi Nisargkumar Navinbhai	Star Constellations Classification
23	180840131027	Matta Saloni Suraj Prakash	Cluster based stock prices using unsupervised learning
24	180840131028	Mistry Keyurbhai Chetankumar	Water Quality Prediction
25	180840131029	Mistry Khyati Dineshchandra	Gujrati handwriting prediction using CNN
26	180840131030	Mistry Yash Prakashbhai	Used Car Price Prediction
27	180840131031	Modi Ferish Ashish	Cricket Score Prediction
28	180840131032	Modi Jigar Nitinbhai	Stock market price prediction using LSTM
29	180840131033	Pansuriya Darshil Jaysukhbhai	Sign language recognition
30	180840131034	Parmar Manav Shaileshbhai	Automatic License Number Plate Recognition System
31	180840131036	Parmar Rashesh Kamleshbhai	Mobile Price Classification
32	180840131041	Jayunkumar Tejaskumar Patel	License number Plate Detection
33	180840131042	Patel Kinjal Rajeshbhai	Predicting Wine Quality using Machine Learning
34	180840131044	Patel Nishit Umeshbhai	Prediction of Bitcoin pricing
35	180840131045	Patel Rishi Rameshbhai	Classify images of clothing
36	180840131046	Patel Sahilkumar Alpeshbhai	Music Genre Classification
37	180840131047	Patel Tejas Atul	Detecting Parkinson Disease with XGBoost
38	180840131048	Patel Tulsi Hitendra	Image Classification
39	180840131050	Patel Vineetkumar Vijaybhai	Diabetes Prediction Using Machine Learning -Algorithm: Logistic Regression
40	180840131051	Patel Vishal Harishbhai	Age and Gender Detection using Deep Learning
41	180840131052	Patel Vrutik Rakeshbhai	Placement Prediction Using Machine Learning
42	180840131053	Purohit Vedant Ramkrishna	Sales Prediction using Linear Regression
43	180840131054	Raj Kevin Manoj	Loan prediction using logistic regression, decision tree and random forest
44	180840131055	Rana Akash Rakeshkumar	VLC media player control using digital recognition
45	180840131056	Rana Rinkeshkumar Gajanandbhai	Traffic Signs Classification using Neural Network
46	180840131057	Rudani Nishant Bharatbhai	Brain Tumor Detection
47	180840131058	Shaparia Kavish Kiritkumar	Prediction of similarity between two images
48	180840131059	Sharma Harshkumar Rajeshbhai	Movie Recommendations

49	180840131061	Vakharwala Abdul Basit Ubed	COVID 19 Disease Detection
50	180840131063	Aatish Gupta	Credit card spending prediction
51	180844131001	Patel Tanmay Hiteshkumar	Chatbot For RNgPIT institute using NLP
52	190843131001	Bhavsar Rajkumar Jiteshbhai	Prediction of Corporate Office pricing in Surat/Gujarat
53	190843131002	Borse Harsh Rajeshbhai	Earthquake prediction model
54	190843131003	Dwarke Yash Anilkumar	Text generation with python
55	190843131004	Ganvit Minaben Naginbhai	Automatic license number plate detection
56	190843131005	Mistri Bhumi Dineshbhai	Fake News Detection project
57	190843131006	Nikam Sanjeet Ramchandra	Handwritten Digit Recognition
58	190843131007	Patel Kinjal Jitubhai	Handwritten Character Recognition with Neural Network
59	190843131008	Pathak Pratishtha Krishnanand	Text Summarization
60	190843131009	Shah Saurabh Maheshbhai	Parkinson's Disease Detection using XGBoost classification
61	190843131010	Shimpi Rajeshree Nitin	Pneumonia Detection using CNN
62	190843131011	Thummar Bhautik Parshotambhai	Student Marks Prediction
63	190843131012	Chaudhari Kinjal Lalsinghbhai	Color Detection
64	190843131013	Kori Rohit Balrambhai	Smart CCTV
65	190843131014	Labde Anjali Bharat	Wine Quality Check

Sr. No.	Pen No.	Name of Student	Company Name	Final Project Title
1	180840131005	Chauhan Jay Nileshkumar	Thatsend Pvt. Ltd., Surat	Prasadwala Project on PHP HTML & CSS
2	180840131017	Gohil Parthkumar Hiteshbhai	Thatsend Pvt. Ltd., Surat	Crackers Project on PHP HTML & CSS
3	180840131035	Parmar Rajvirsinh Rajeshkumar	Thatsend Pvt. Ltd., Surat	Wedding Project on PHP HTML & CSS
4	180840131060	Thakor Stavansinh Vimalbhai	Thatsend Pvt. Ltd., Surat	Books Project on PHP HTML & CSS
5	180840131062	Yadav Saurabhkumar Gurudevabhai	Thatsend Pvt. Ltd., Surat	Photography Project on PHP HTML & CSS
6	180840131038	Patel Aniket Umeshkumar	Jemistry Info Solutions, Surat	Graphics Designing on Adobe Illustrator

Student Achievements

✓ CSE Department Students are running **Developer Student Club (DSC)** under banner of **Google** at RNgPIT Campus.

✓ **Mr. Arjav Desai** of Class- 18 was selected as Core member of GDSC 2020-2021.

✓ **Mr. Arjav Desai** of Class- 18 was selected as a Android Jam Facilitator by Google for RNgPIT Campus in April 2021.

✓ **Mr. Raj Kharvar** of Comp-17 class was selected as Developer Student Club lead (managed by Google Developers) for academic year 2020-21 at RNgPIT Campus.

✓ **Mr. Visarg Desai** of Comp-17 class was the technical lead of DSC RNgPIT chapter for 2020-2021 where he organized / delivered multiple sessions on different technical domains.

✓ **20 students** of Comp-16 class secured **10 out of 10 SPI** in the Summer-2020 (Semester-8) GTU Examination.

- ✓ **5 students** of Comp-17 class secured **10 out of 10 SPI** in the Summer-2020 (Semester-6) GTU Examination.
- ✓ **Miss Shreya Lad** of Class Comp'18 secured 9th Rank in the Summer-2020 (Semester-4) GTU Examination.
- ✓ **4 students** of Comp-19 class secured **10 out of 10 SPI** in the Summer-2020 (Semester-2) GTU Examination.
- ✓ **Miss Foram Shukla** of Comp-17 class secured 10 out of 10 SPI and SPI wise GTU 1st Rank in the Winter-2020 (Semester-7) GTU Examination.



- ✓ **Mr. Deep Mevada** of Comp-17 class did freelancing work on Freelancer.com by making games for customers, and got good reviews on the same.
- ✓ **Mr. Mohit Sojitra** of Comp-17 class was selected as a Microsoft Learn Student Ambassador for the year 2020-21.
- ✓ **Miss Heli Kapadia, Miss Rinkal Agrawal and Miss Janvi Kalsaria** of Class Comp'17 presented paper on title "TeleMed Doc- A safe system for medical documents" under the guidance of Prof. N. V. Jagtap at the 7th National conference on Innovation & Emerging Technologies (NCIET-2021) during 21st and 22nd May 2021.
- ✓ **Mr. Krutarth Bhatt, Mr. Harsh Bhatt, Mr. Rutvij Darji and Miss Shivani Rana** of Class Comp-17 secured 1st rank in E-Paper Presentation event of "E-VISVESMRUTI 2020" at RNGPIT, Bardoli.
- ✓ **Mr. Visarg Desai, Mr. Rahul Gupta, Mr. Deep Mevada and Mr. Yash Mistry** of Class Comp-17 secured 2nd rank in E-Paper Presentation event of "E-VISVESMRUTI 2020" at RNGPIT, Bardoli.
- ✓ **Mr. Arjav Desai, Mr. Jahnvi Desai & Mr. Rohit Borse** of Comp-18 Class secured 3rd Rank in E-Paper Presentation Event in Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.

- ✓ **Mr. Keyur Mistry, Miss Pratishtha Pathak & Miss Rajeshree Shimpi** of Class Comp-18 secured 1st rank in E-Poster Presentation Event in Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Miss Anjaly Ezhava, Miss Palak Varu and Mr. Tapan Panchal** of Class Comp-17 secured 1st rank in E-Poster Presentation Event in Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Miss Khyati Mistry and Miss Saloni Matta** of Class Comp-18 secured 2nd rank in E-Poster Presentation Event in Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Miss Navpreet Kaur and Miss Dinkel Mistry** of Class Comp'19 Secured 3rd rank in E-Poster Presentation Event in Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Mr. Vedant Darji** of Class Comp'19 secured 3rd Rank in C-Hunt Event of Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Mr. Keertan Bhatt** of Class Comp'19 secured position of 2nd runner up in C-Hunt event of E-Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Miss Palak Varu** of Class Comp-17 secured 2nd rank in Android War Event in Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Miss Shreya Lad** of Class Comp-18 secured 3rd rank in Android War Event in Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Mr. Rushil Patel, Mr. Dhruv Mojila & Miss Krishna Tamakuwala** of Class Comp'19 secured 1st Position in Pitchers event of E-Visvesmruti 2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Mr. Vatsal Kamalbhai Pandey and Mr. Harsh Nayan Bhatt** of Class Comp'17 secured 2nd Position in Pitchers event of E-Visvesmruti 2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Mr. Sahil Patel & Mr. Keyur Mistry** of Class Comp'18 secured 3rd rank in Pitchers Event in Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Mr. Arjav Desai** of Class- 18 secured 1st Rank in Virtual Placement Drive Event of Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Miss Navpreet Kaur** of Class Comp'19 secured 2nd Rank in Virtual Placement Drive Event of Visvesmruti-2K20 technical festival held in Sept-2020 at RNGPIT, Bardoli.
- ✓ **Mr. Manan P. Choraria** of Class Comp'19 secured

3rd Rank in Virtual Placement Drive Event of Visvesmruti-2K20 technical festival held in Sept-2020 at RONGPIT, Bardoli.

✓ **Mr. Rushil Patel, Mr. Dhruv Mojila & Miss Krishna Tamakuwala** of Class Comp'19 secured 2nd Rank in Technical Video Making Event in Visvesmruti-2K20 technical festival held in Sept-2020 at RONGPIT, Bardoli.

✓ **Mr. Tanmay Patel, Mr. Raghav Kathiria, Mr. Rinkesh Rana & Mr. Priyam Gandhi** of Class Comp'18 secured 3rd Rank in Technical Video Making Event in Visvesmruti-2K20 technical festival held in Sept-2020 at RONGPIT, Bardoli.

✓ **Miss Navpreet Kaur** of Class Comp'19 Secured 1st rank in Essay Competition event of E-Visvesmruti-2K20 technical festival held in Sept-2020 at RONGPIT, Bardoli.

✓ **Mr. Rushil K. Patel** of Class Comp'19 Secured position of 1st runner up in Poster Competition (Sci. & Humanity department) event of E-Visvesmruti 2020.

✓ **Miss Niyati V. Aghera** of Class Comp'20 Secured position of winner in Poster Competition (Sci. & Humanity department) event of E-Visvesmruti 2020.

✓ **Mr. Dev B. Vyas** of Class Comp'20 Secured position of 2nd runner up in Poster Competition (Sci. &

Humanity department) event of E-Visvesmruti 2020.

✓ **Miss Devanshi B. Mehta** Class Comp'20 Secured position of 1st runner up in Essay competition (Sci. & Humanity department) event of E-Visvesmruti 2020.

✓ **Mr. Manan Shah** of Class Comp'20 Successfully completed 7 days Cyber Security Bootcamp with shapeAI.

✓ **Mr. Manan Shah** of Class Comp'20 Successfully completed 7 days long Bootcamp on Python & Cyber Security by shapeAI in collaboration with Developer Student Club.

✓ **Mr. Avinash Jogi** of Class Comp'20 Successfully completed 7 days Cyber Security Bootcamp with shapeAI dated on 26th June 2021.

✓ **Mr. Jeet Jariwala** of Class Comp'20 Successfully completed 7 days Cyber Security Bootcamp with shapeAI.

✓ **Mr. Jeet Jariwala** of Class Comp'20 Successfully completed 7 days long Bootcamp on Python & Cyber Security by shapeAI in collaboration with Developer Student Club.

Student Paper Publication

PEN	Name	Date	Guide	Title of the Paper Published	Details of Journal/Conference
170840107016	Deep H Gandhi	2020	Dr. M. B. Desai	A survey on Data privacy in electronic prescription	Advances and Applications In Mathematical Sciences (NECACAC – 2020)
170840107018	Raj J. Gandhi				
170840107036	Keyur P. Panchal				
170840107037	Tapan S. Panchal				
170840107013	Visarg Desai	2020	Dr. M. B. Desai	A survey on Automatic Subjective Answer Evaluation	Advances And Applications In Mathematical Sciences (NECACAC –2020)
170840107019	Rahul Gupta				
170840107029	Deep Mevada				
170840107030	Yash Mistry				
170840107061	Palak Varu	May 2021	Miss B. R. Bhatt	Email Security Using Hybrid Approach and Classification	JETIR
170840107015	Anjaly Ezhava				
170840107053	Kamya Rathod				
170840107007	Hina Chavda				
170840107014	Doctor Rutvik N.	April 2021	Miss B. R. Bhatt	Analysis and Implementation of E-commerce application for small	IJEAST
170840107025	Kharvar Raj P.				
170840107028	Merai Vedant S.				

170840107039	Patel Harsh K.			scale retailers (Wise Vendors)	
170840107002	Harsh Bhatt	May 2021	Mrs. D. R. Chaudhari	Information Retrieval from Social media using Hashtag: survey	IJSREM
170840107003	Krutarth Bhatt				
170840107011	Rutvij Darji				
170840107051	Shivani Rana				
170840107009	Dhwani Dadhania	May 2021	Mrs. D. R. Chaudhari	Goal Tracker, A survey	AJET
170840107047	Jignasha Patil				
170840107048	Cherish Prajapati				
180843107009	Mithil Pandya				
170840107002	Harsh Bhatt	June 2021	Mrs. D. R. Chaudhari	A Mobile Application to unified social media posts using hashtags: Hashtag hunter	STDJ
170840107003	Krutarth Bhatt				
170840107011	Rutvij Darji				
170840107051	Shivani Rana				
170840107033	Pearl Naik	May 2021	Mr. V. C. Joshi	Ensemble Learning based methods for Classification: An Overview	JETIR
170840107038	Fenil Patel				
170840107054	Maitri Rathod				
160840107020	Radhika Javiya				
170840107023	Heli Kapadia	April 2021	Mr. N. V. Jagtap	TeleMed Doc	IJSREM
170840107001	Rinkal Agrawal				
180843107004	Janvi Kalsaria				
170840107012	Keval Desai	April 2021	Mr. N. V. Jagtap	Token Based Messenger	IJSREM
170840107040	Heril Patel				
170840107044	Shivam Patel				
170840107052	Harshil Rathod				
170840107049	Puvar Pruthvirajsinh	May 2021	Mr. Dhaval Rana	Heart disease detection using ensemble learning approach	IRJET
170840107042	Patel Neel				
170840107055	Shah Akshay				
170840107059	Solanki Raturajsinh				
180843107011	Patel Bhavesh	June 2021	Mr. Dhaval Rana	IOT Based Water Conserved Smart Irrigation System	IJSREM
160840107014	Dodiya Tilak				
180843107003	Chaudhari Vatsal				
160840107016	Gamit Jenish				
170840107031	Jayesh Mungara				

180843107007	Dhruvi Mistry	April 2021	Mr. H. J. Shah	Sign Language Translation using Hand Movement Recognition	IJSREM
180843107005	Yash Kalsaria				
180843107014	Krati Sharma				
180843107008	Vatsal pandey	May 2021	Mr. H. J. Shah	Interest Based Community	IJSREM
170840107020	Manoj Jasoliya				
170840107021	Kanani Path				
170840107058	Mohit Sojitra				
170840107008	Harsh Chhatrani	April 2021	Mr. N. Y. Kansara	Online Home Services Provider	IJSREM
170840107004	Prabhat Bheda				
170840107005	Harshil Borad				
170840107046	Yagnesh Patel				
180843107002	Chaudhari Divya	May 2021	Mr. A. D. Prajapati	Modern Human Care Services	IJSREM
180843107006	Mahida Twinkal				
180843107010	Parekh Shreya				
160840107048	Prajapat Vishal				
170840107045	Patel Urvika	April 2021	Mrs. H. H. Shah	Survey on IoT based society management and Automation	IJSREM
170840107043	Patel Rutu				
170840107050	Rana Bhumika				

Students IELTS Achievements

Sr. No.	PEN	Name	Class	Duration	Band
1	170840107042	Neel Deepakbhai Patel	Final Year Comp17	Dec-21	6.5 bands overall
2	170840107059	Raturajsinh Pradipsinh Solanki		June-21	7.5 bands overall

Faculty Achievements

- ✓ Dr. M. B. Desai - Website Committee Member of National Seminar **"New Trends in Signal and Image Processing-NeTSip"** 2021 by IEEE SPS and Gujarat Section during 19th-21st March 2021.
- ✓ Dr. M. B. Desai -Scientific committee member of **"International Conference on Efficient Engineering Systems"** 2020 (ICEES 2020).
- ✓ Dr. M. B. Desai - Member of advisory committee in Conference **ICATCT-2K20**, 3rd-4th April 2020 at Jaipur Engineering College and Research Centre, Jaipur, India.
- ✓ Dr. M. B. Desai - Reviewer of the conference **PiCET-2020** (Parul University Conference)
- ✓ Dr. M. B. Desai - Reviewer of the journal **Cogent**

Engineering (Taylor and Francis).

- ✓ Dr. M. B. Desai -Reviewer for special issue of journal **"Biomedical Signal and Image Processing with Artificial Intelligence"**, 2021
- ✓ Dr. M. B. Desai - **IEEE Signal Processing Society**, Gujarat Section Executive Committee Member in year 2021.
- ✓ Dr. M. B. Desai - Advisory Committee member of conference CHSN,2021 -2nd **International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks.**
- ✓ Dr. M. B. Desai - Convener of the event National Seminar **"Roadmap to write Technical Research Paper"**, April 2021.
- ✓ Dr. M. B. Desai - Convener of GUJCOST sponsored

STTP on "[Practical Approach towards Modern Mobile Application Development](#)" during 7th to 12th Sep. 2020.

✓ Mrs. D. R. Chaudhari has completed three months certification course on "[Comprehensive online intellectual Property Rights](#)" conducted by i-Hub, GTU.

✓ Mrs. D. R. Chaudhari has completed four months certification course on "[Software Engineering](#)" conducted by NPTEL/SWAYAM from Sep-Dec 2020.

✓ The Project "[Artificial Eye](#)" under mentor ship of Mrs. D. R. Chaudhari has received the financial grant for Proof of concept by SSIP Cell, Govt. of Gujarat in Year 2020.

✓ Mr. V. C. Joshi was granted IP Australian Patent titled "[Indigenous Compact Device for early diagnosis of Neonatal Hypothyroidism using Deep Learning](#)".

✓ Mr. V. C. Joshi's patent titled "[A Novel Electro Acupuncture Device for COVID Treatment](#)" was published by Govt. of India.

✓ Mr. V. C. Joshi is selected as **Professional Volunteer** for Asociación de Investigacion en Inteligencia Artificial Para la Leucemia Peter Moss, Spain.

✓ Prof. V. C. Joshi and Prof. N.V. Jagtap has successfully completed **Innovation Ambassador Training (Foundation Level)** conducted by MoE's Innovation Cell and AICTE during 30th June to 30th July, 2021.

✓ Mrs. H. H. Shah has uploaded 128 video Lectures on GTU portal and 41 are approved by GTU on different topics for the subject "[Programming for Problem Solving](#)" in different engineering disciplines of GTU.

FDP/Workshop/STTP Attended

Name of Faculty	FDP/Workshop/STTP	Name and Address	Month and Year
Dr. M. B. Desai	AICTE ATAL FDP "Artificial Intelligence"	Sarvajanik College of Engineering and Technology, Surat	23-11-2020 to 27-11-2020
	AICTE ATAL FDP "Data Sciences"	K. E. Society's Rajarambapu Instiotute of Technology - Rajaramnagar	16-09-2020 to 20-09-2020
	"Advanced Research Trends in Artificial Intelligence, Pattern Recognition and Image Processing"	Bipin Tripathi Kumaon Institute of Technology Dwarahat Almora.	25-09-2020 to 30-09-2020
	"Faculty Program on NBA"	Bharati Vidyapeeth College of Engineering, Mumbai University.	05-09-2020
	"Changing the Way, you think"	MLR Institute of Technology	23-07-2020 to 24-07-2020
	"ICT based Teaching and Learning Process"	Roorkee college of Polytechnic.	01-07-2020 to 05-07-2020
	"Latex and its applications for researchers"	Vidyavardaka college of Engineering.	20-07-2020 to 24-07-2020
Mrs. D. R. Chaudhari	"Real Applications of OOPs"	DSC, RNGPIT	18-07-2020 to 24-07-2020
	"Internet of Things"	Easwari Engg. college, Chennai	18-07-2020 to 25-07-2020
	"Changing the way, you think"	Dept. of Master of Business Administration of MLR college, Telangana.	23-07-2020 to 24-07-2020

Name of Faculty	FDP/Workshop/STTP	Name and Address	Month and Year
Mrs. D. R. Chaudhari	"Epistemic Access to Enhance Effective Learning" & "Towards Happy Living with Emotional Intelligence"	IQAC & HR services and Idhaya Engg. College for Women, Tamilnadu.	31-07-2020 to 01-08-2020
	"Online Lecture Series on IoT and its Applications"	Department of Information Science and Engineering, VVCE, Mysuru.	03-08-2020 to 07-08-2020
	"Introduction to Arduino, Electronic Circuits and Programming"	Department of Electronics and Communication Engineering, MRIT, Mandya,	10-08-2020 to 11-08-2020
	"Virtual Labs: Hands-on Outreach Workshop"	Hon. Shri. Babanrao Pachpute Vichardhara Trust's Parikrama Group of Institutions, College of Engineering, Kashti,	18-08-2020
	"Practical Approach towards Modern Mobile Application Development"	Department of Computer Science and Engineering, RNGPIT	07-09-2020 to 12-09-2020
	"Git and Github fundamentals"	Club of CSE department at RNGPIT, Bardoli	13-09-2020 to 14-09-2020
	"Web hack & HR conclave: Recruitment and Technology 4.0"	RTU, Kota	28-09-2020 to 29-09-2020
	"Insights in to Data science & its applications"	SCET, Surat	09-01-2021 to 10-01-2021
	"Data science using machine learning"	Gujarat Power Engineering and Research Institute (GPERI)	01-02-2021 to 06-02-2021
	"Enabling Technologies for Artificial Intelligence, Machine Learning and IOT"	ATAL Academy, Aligarh Muslim University	21-06-2021 to 25-06-2021
	"Exploring Machine learning, Preserving Privacy of data and security"	NGPP, Bardoli	29-07-2020 to 31-07-2020
	"LaTex and it's applications for Researchers"	Dept. of Information Science & Engg. of Vidhyavardhaka college of Engg, Maysuru.	20-07-2020 to 24-07-2020
Mr. D. J. Rana	"Real Applications of OOPs"	DSC, RNGPIT	18-07-2020 to 24-07-2020
	"Faculty Program on NBA"	Bharati VidyapeethmCollege of Engineering, affiliated to Mumbai University, Approved by AICTE, New Delhi and NBA Accredited	05-09-2020
	"Emerging Trends in Cryptography and its Applications in CYBER SECURITY"	Vidya Academy of Science and Technology, Thrissur, Kerala	14-12-2020 to 19-12-2020
	"Ethical Hacking and Data Security"	Mahatma Gandhi Institute of Technology, HYDERABAD, TELANGANA.	27-07-2020 to 31-07-2020

Name of Faculty	FDP/Workshop/STTP	Name and Address	Month and Year
Mr. D. J. Rana	"Outcome Based Education"	Department of Information Science & Engineering, VIDYAVARDHAKA COLLEGE OF ENGINEERING, Mysuru	27-07-2020 to 30-07-2020
	"Exploring Machine learning, Preserving privacy of data and security"	N. G. Patel Polytechnic, Isroli-Bardoli	29-07-2020 to 31-07-2020
	"Recent Trends in Information Technology"	N. G. Patel Polytechnic, Isroli-Bardoli	17-08-2020 to 19-08-2020
	"Git and Github Fundamentals"	R. N. G. Patel Institute of Technology, Bardoli	13-09-2020 to 14-09-2020
	"Internet of Things with Machine Learning and Artificial Intelligence"	GTU - Graduate School of Engineering and Technology in association with Centre for Continuing Education, National Institute of Technology, Warangal	14-09-2020 to 18-09-2020
	"Machine Learning and its Applications in Healthcare Systems"	SRIMCA, UTU at Bardoli, Gujarat	25-03-2021 to 27-03-2021
	"Cyber Security Threats and Safeguards"	GTU-Graduate School of Engineering and Technology	25-01-2021 to 29-01-2021
	"Machine Learning and its Application"	Harisingh Gour University	21-06-2021 to 25-06-2021
	Aptitude Training Module-1	NGPP + RNGPIT + Unacademy	12-04-2021 to 17-04-2021
	Aptitude Training Module-2	NGPP + RNGPIT + Unacademy	19-04-2021 to 24-04-2021
	Aptitude Training Module-3	NGPP + RNGPIT + Unacademy	26-04-2021 to 01-05-2021
	Aptitude Training Module-5	NGPP + RNGPIT + Unacademy	10-05-2021 to 15-05-2021
	Aptitude Training Module-6	NGPP + RNGPIT + Unacademy	17-05-2021 to 22-05-2021
	Comprehensive Aptitude Questions and Non-technical skill	NGPP + RNGPIT + Unacademy	14-06-2021 to 19-06-2021
	Comprehensive Aptitude Questions and Non-technical skill II	NGPP + RNGPIT + Unacademy	21-06-2021 to 26-06-2021
	"Real Applications of OOPs"	DSC, RNGPIT	18-07-2020 to 24-07-2020
	"IT Infrastructure and Cyber Security"	Oriental College of Technology, Bhopal	25-07-2020 to 26-07-2020
	"LaTex and Its Applications for Researchers"	Department of Information Science and Engineering, Vidhyavardaka College of Engineering, Mysuru	20-07-2020 to 24-07-2020
	"Dart Programming"	St. Mary's Integrated Campus Hyderabad	27-07-2020
"Exploring Machine learning, Preserving privacy of data and security"	N. G. Patel Polytechnoc, Isroli-Bardoli	29-07-2020 to 31-07-2020	

Name of Faculty	FDP/Workshop/STTP	Name and Address	Month and Year
Mr. D. J. Rana	"IoT and Its application"	Vidhyavardhaka College of Engineering	03-08-2020 to 07-08-2020
	"Introduction to Arduino"	Mysuru Royal Institute of Technology	10-08-2020 to 11-08-2020
	"Recent Trends in Information Technology"	N. G. Patel Polytechnoc, Isroli-Bardoli	17-08-2020 to 19-08-2020
	"Online Teaching Tools"	Rajaha Serfoji Gov. College, Tamilnadu	18-08-2020
	"Virtual Labs: Hands-on Outreach Workshop"	Hon. Shri. Babanrao Pachpute Vichardhara Trust's Parikrama Group of Institutions, College of Engineering, Kashti	18-08-2020
	"Practical Approach towards Modern Mobile Application Development"	R. N. G. Patel Institute of Technology, Bardoli	07-09-2020 to 12-09-2020
	"Outcome based education"	Dr. D. Y. Patil Institute of Technology, Pune	10-09-2020 to 16-09-2020
	"Git and Github Fundamentals"	R. N. G. Patel Institute of Technology, Bardoli	13-09-2020 to 14-09-2020
	"Artificial Intelligence using Python"	St. Mary's Integrated Campus Hyderabad	14-09-2020 to 19-09-2020
	"Advanced Research Trends in Artificial Intelligence, Pattern"	Bipin Tripathi Kumaon Institute of Technology, Dwarahat, Almora	25-09-2020 to 30-09-2020
	Aptitude Training Module-1	NGPP + RNGPIT + Unacademy	12-04-2021 to 17-04-2021
	Aptitude Training Module-2	NGPP + RNGPIT + Unacademy	19-04-2021 to 24-04-2021
	Aptitude Training Module-3	NGPP + RNGPIT + Unacademy	26-04-2021 to 01-05-2021
	Aptitude Training Module-5	NGPP + RNGPIT + Unacademy	10-05-2021 to 15-05-2021
	Aptitude Training Module-6	NGPP + RNGPIT + Unacademy	17-05-2021 to 22-05-2021
	Energy and Environment Science, Technology and Management for Sustainable Development	Dr. D. Y. Patil Institute of Technology, Pune	20-05-2021 to 25-05-2021
	Aptitude Training Module-7	NGPP + RNGPIT + Unacademy	24-05-2021 to 29-05-2021
	"Cyber Security and Digital Forensics"	CHARUSAT	24-05-2021 to 29-05-2021
	"C_A-N: Comprehensive Aptitude Questions and Non-technical skill"	NGPP + RNGPIT + Unacademy	14-06-2021 to 19-06-2021
	"Augmented Reality and Virtual Reality"	AISSMS College, Kolkata and ISTE	21-06-2021 to 25-06-2021
"Innovation Ambassador Training (Foundation Level)"	MoE's Innovation Cell & AICTE	30-06-2021 to 30-07-2021	
Mr. N. Y. Kansara	"Real Applications of OOPs"	DSC, RNGPIT	18-07-2020 to 24-07-2020
	"IT Infrastructure and Cyber Security"	Oriental College of Technology, Bhopal	25-07-2020 to 26-07-2020

Name of Faculty	FDP/Workshop/STTP	Name and Address	Month and Year
Mr. N. Y. Kansara	"Dart Programming"	St. Mary's Integrated Campus Hyderabad	27-07-2020
	"Exploring Machine learning, Preserving privacy of data and security"	N. G. Patel Polytechnic, Isroli-Bardoli	29-07-2020 to 31-07-2020
	"IoT and Its application"	Vidhyavardhaka College of Engineering	03-08-2020 to 07-08-2020
	"Introduction to Arduino"	Mysuru Royal Institute of Technology	10-08-2020 to 11-08-2020
	"Recent Trends in Information Technology"	N. G. Patel Polytechnic, Isroli-Bardoli	17-08-2020 to 19-08-2020
	"Online Teaching Tools"	Rajaha Serfoji Gov. College, Tamilnadu	18-08-2020
	"Virtual Labs: Hands-on Outreach Workshop"	Hon. Shri. Babanrao Pachpute Vichardhara Trust's Parikrama Group of Institutions, College of Engineering, Kashti	18-08-2020
	"Practical Approach towards Modern Mobile Application Development"	R. N. G. Patel Institute of Technology, Bardoli	07-09-2020 to 12-09-2020
	"Outcome based education"	Dr. D. Y. Patil Institute of Technology, Pune	10-09-2020 to 16-09-2020
	"Git and Github Fundamentals"	R. N. G. Patel Institute of Technology, Bardoli	13-09-2020 to 14-09-2020
	"Artificial Intelligence using Python"	St. Mary's Integrated Campus Hyderabad	14-09-2020 to 19-09-2020
	"Advanced Research Trends in Artificial Intelligence, Pattern"	Bipin Tripathi Kumaon Institute of Technology, Dwarahat, Almora	25-09-2020 to 30-09-2020
	"Insight into Data Science"	Sarvajanic College of Engineering and Technology	09-01-2021 to 10-01-2021
	Aptitude Training Module-1	NGPP + RNGPIT + Unacademy	12-04-2021 to 17-04-2021
	Aptitude Training Module-2	NGPP + RNGPIT + Unacademy	19-04-2021 to 24-04-2021
	Aptitude Training Module-3	NGPP + RNGPIT + Unacademy	26-04-2021 to 01-05-2021
	Aptitude Training Module-5	NGPP + RNGPIT + Unacademy	10-05-2021 to 15-05-2021
	Aptitude Training Module-6	NGPP + RNGPIT + Unacademy	17-05-2021 to 22-05-2021
	"Energy and Environment Science, Technology and Management for Sustainable Development"	Dr. D. Y. Patil Institute of Technology, Pune	20-05-2021 to 25-05-2021
	"Cyber Security and Digital Forensics"	CHARUSAT	24-05-2021 to 29-05-2021
"Comprehensive Aptitude Questions and Non-technical skill"	NGPP + RNGPIT + Unacademy	14-06-2021 to 19-06-2021	

Name of Faculty	FDP/Workshop/STTP	Name and Address	Month and Year
Ms. B. G. Patel	"Online Social Network"	IEEE MIT ADT University Student Branch & Department CSE, in association with IEEE Computer Society	20-07-2020 to 25-07-2020
	"Exploring Machine Learning, preserving privacy of Data and Security"	N. G. PATEL POLYTECHNIC	29-07-2020 to 30-07-2020
	"IT Infrastructure and Cyber Security"	Oriental college of Technology, Bhopal	25-07-2020 and 26-07-2020
	"Machine Learning"	Vidyavardhaka College of Engineering, Karnataka	10-08-2020 to 14-08-2020
	"Data Sciences"	National Institute of Technology - Karanataka.	21-09-2020 to 25-09-2020
	"Wearable Devices"	Vignan Institute of Technology and Science.	04-01-2021 to 08-01-2021
	"Artificial Intelligence"	ATAL scheme to be organised by Sri Krishna College of Engineering and Technology.	31-08-2020 to 04-09-2020
	"Practical Approach for Data Science"	R. N. G. Patel Institute of Technology, Bardoli	22-06-2020 to 27-06-2020
	"Real Applications of OOPs"	Developer Student Club (DSC) of RONGPIT, Bardoli	18-07-2020 to 25-07-2020
	"Best Practice of Cyber Security"	Developer Student Club (DSC) of RONGPIT, Bardoli	20-06-2020 and 21-06-2020
	"Social Enterprise Management and Self-Reliant India"	Marwadi Education Foundation's Group of Institutions - Faculty of Management	17-05-2021 to 21-05-2021
	"Augment Reality & Virtual Reality"	Department of Electronics and Telecommunication Engineering, AISSMS COLLEGE OF ENGINEERING	21-06-2021 to 25-06-2021
	"Artificial Intelligence"	MSME-Technology Development Centre (PPDC), Meerut.	07-06-2021 to 11-06-2021
	"Blockchain Technology, Research Avenues, and its Applications"	Department of Computer Science and Engineering, Institute of Technology, Nirma University	12-07-2021 to 17-07-2021
	"Augmented Reality & Virtual Reality"	Department of Electronics and Telecommunication Engineering in association with Buds Engineering Academy Pune, Under IEEE Students Branch, Institution of Engineers (India), Kolkata and ISTE, New Delhi	21-06-2021 to 25-06-2021

Name of Faculty	FDP/Workshop/STTP	Name and Address	Month and Year
Mrs. H. H. Shah	"Real Applications of OOPs"	DSC, RONGPIT, Bardoli	18-07-2020 to 24-07-2020
	"Practical Approach towards Modern Mobile Application Development"	RONGPIT, Bardoli	07-09-2020 to 12-09-2020
	"Internet of Things in Healthcare Application"	Oriental College of Technology, Bhopal	19-10-2020 to 24-10-2020
	"IT Infrastructure and Cyber Security"	Oriental College of Technology, Bhopal	25-07-2020 to 26-07-2020
	"Exploring Machine learning, Preserving privacy of data and security"	N. G. Patel Polytechnic, Isroli-Bardoli	29-07-2020 to 31-07-2020
	"Changing the way, you think"	MLR Institute of Technology, Hyderabad	23-07-2020 to 24-07-2020
	"LaTex and Its Applications for Researchers"	Department of Information Science & Engineering, Vidhyavardaka College of Engineering, Mysuru	20-07-2020 to 24-07-2020
	"Artificial Intelligence using Pythn"	Brainovision Solutions India Pvt.Ltd. & National Youth Council of India	14-09-2020 to 19-09-2020
	"Online teaching tools"	Internal Quality Assurance Cell (IQAC), RAJAH SERFOJI GOVERNMENT COLLEGE	18-08-2020
	"International Faculty Development Programme"	Internal Quality Assurance Cell (IQAC) and Human Resources (HR) Services, IDHAYA ENGINEERING COLLEGE FOR WOMEN	31-07-2020 to 01-08-2020
	"Data Science"	Tapi Diploma Engineering College, Surat	03-09-2020 to 05-09-2020
	"Recent Trends in Information Technology"	N. G. Patel Polytechnic, Isroli-Bardoli	17-08-2020 to 19-08-2020
	"IoT and Wireless Sensor Networks"	Brindawan College of Engineering	27-07-2020 to 31-07-2020
	"Outcome Based Education (OBE)"	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	01-09-2020 to 16-09-2020
	"Advanced Research Trends in Artificial Intelligence, Pattern Recognition and Image Processing"	BIPIN TRIPATHI KUMAON INSTITUTE of TECHNOLOGY DWARAHAT ALMORA	25-09-2020 to 30-09-2020
	"Virtual Labs_ Hands-on outreach workshop"	Hon. Shri. Babanrao Pachpute Vichardhara Trust's Parikrama Group of Institutions, College of Engineering, Kashti	18-08-2020
	"Dart Programming"	St. Mary's Integrated Campus Hyderabad	27-07-2020
"Algebra"	Hindustan College of Engineering and Technology	22-07-2020 to 23-07-2020	

Name of Faculty	FDP/Workshop/STTP	Name and Address	Month and Year
Mrs. H. H. Shah	"Git and Github Fundamentals"	DSC, RNGPIT, Bardoli	13-09-2020 to 14-09-2020
	"CODE MONK QUIZ AND CODING WITH C"	CSE Department, RNGPIT, BARDOLI in association with Girlsript on Hakerrank platform	08-08-2020
	Cyber Security and Digital Forensics	Organized by K. D. Patel Department of IT, CSPIT, CHARUSAT, Changa	24-05-2021 to 29-05-2021
	Online training on aptitude module- I	NGPP and RNGPIT, Bardoli	12-04-2021 to 17-04-2021
	Online training on aptitude training module II	NGPP and RNGPIT, Bardoli	19-04-2021 to 24-04-2021
	Online training on Aptitude Training Module-III	NGPP and RNGPIT, Bardoli	26-04-2021 to 01-05-2021
	Online training on Aptitude Training Module-V	NGPP and RNGPIT, Bardoli	10-05-2021 to 15-05-2021
	Online training on Aptitude Training Module-VI	NGPP and RNGPIT, Bardoli	17-05-2021 to 22-05-2021
	Online training on Aptitude Training Module-VII	NGPP and RNGPIT, Bardoli	24-05-2021 to 29-05-2021
	International FDP on Energy and Environmental science, Technology and Management for Sustainable Development	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	20-05-2021 to 25-05-2021
	Webinar on Electric Vehicle Technologies	University partner GTU	28-05-2021
	International webinar on Exploring Realtime Technology	Electrical and Electronics Engineering, MSAJCE, Chennai	31-05-2021
	Seminar on Road map to write Technical Research Paper	GUJCOST sponsored National Seminar by CSE, RNGPIT, Bardoli	03-05-2021
	Online training on C_A_N Comprehensive Aptitude Questions & Non-technical Skills	NGPP and RNGPIT, Bardoli	14-06-2021 to 19-06-2021
	FDP-Augment Reality & Virtual Reality	Organized by Department of Electronics and Telecommunication Engineering in association with Buds Engineering Academy Pune, Under IEEE Students Branch, Institution of Engineers (India), Kolkata and ISTE, New Delhi	21-06-2021 to 25-06-2021

Online Courses Completed by Faculties			
Name of Faculty	Name of Course	University	Date of Certificate
Dr. M. B. Desai	Increase SEO Traffic with WordPress	Coursera Project Network	July-2020
	Getting Started with AWS Machine Learning	AWS, Coursera	July-2020
	Google Ads for Beginners	Coursera Project Network	July-2020
	Crash Course on Python	Google, Coursera	July-2020
	Introduction to Data Science in Python	University of Michigan, Coursera	July-2020
	Images and Links in HTML	Coursera Project Network	July-2020
Mrs. D. R. Chaudhari	Build your portfolio website with HTML & CSS	Coursera Project Network	04-07-2020
	Tables and Forms in HTML	Coursera Project Network	04-07-2020
	Create your first web app with python and flask	Coursera Project Network	04-07-2020
	Create your first Java project using jGRASP	Coursera Project Network	04-07-2020
	Build you first React Website	Coursera Project Network	08-07-2020
	Introduction to G Suite	Google Cloud	14-07-2020
	Introduction to Google Docs	Coursera Project Network	14-07-2020
	Code Yourself: An Introduction to Programming	University of Edinburgh	14-07-2020
	Fundamentals of Network communications	University of Colorado	21-07-2020
	Java for Everyone- Zero to Hero	Udemy	23-07-2020
	Introduction to IOT Using Arduino through Udemy	Udemy	23-07-2020
	Create Informative Presentation with Google slides	Coursera Project Network	27-07-2020
	Create Customer support data with Google Sheets	Coursera Project Network	27-07-2020
	Requirement Elicitation: Artifact and Stakeholders analysis	University of Colorado	27-07-2020
	Spreadsheets for Beginners using Google Sheets	Coursera Project Network	27-07-2020
	Become a Java script Pro with these 7 skills	Coursera Project Network	19-08-2020
	Build a full website using wordpress	Coursera Project Network	19-08-2020
	Command line in Linux	Coursera Project Network	19-08-2020
	Gmail: A fondation to accessing Goggle apps	Coursera Project Network	19-08-2020
	Create a resume and cover letter with Google Docs	Coursera Project Network	19-08-2020
Introduction to Project Management	Coursera Project Network	19-08-2020	
Comprehensive Online Intellectual Property Rights (IPR)	Gujarat Student Startup and Innovation Hub (i - Hub), GTU	06-07-2020 to 14-09-2020	
Mr. V. C. joshi	Comprehensive online Intellectual Property Rights (IPR)	Gujarat Student Startup and Innovation Hub (i - Hub), GTU	06-07-2020 to 14-09-2020

Name of Faculty	Name of Course	University	Date of Certificate
Mr. D. J. Rana	Introduction to Cloud Identity	Google Cloud and offered through Coursera	28-07-2020
	Google Ads for Beginners	Coursera Project Network and offered through Coursera	28-07-2020
	Introduction to Python	Coursera Project Network and offered through Coursera	28-07-2020
	Introduction to Relational Database and SQL	Coursera Project Network and offered through Coursera	28-07-2020
	Getting Started in Google Analytics	Coursera Project Network and offered through Coursera	28-07-2020
	Introduction to Search Engine Optimization	University of California, Davis and offered through Coursera	31-07-2020
	Data Science Math Skills	Duke University and offered through Coursera	31-07-2020
	Beginning SQL Server	Coursera Project Network and offered through Coursera	29-07-2020
	NLP: Twitter Sentiment Analysis	Coursera Project Network and offered through Coursera	30-08-2020
	Build a Google Firebase Web Application	Coursera Project Network and offered through Coursera	30-08-2020
	Introduction to Artificial Intelligence (AI)	IBM and offered through Coursera	26-08-2021
	Unsupervised Machine Learning for Customer Market Segmentation	Coursera Project Network and offered through Coursera	26-08-2021
	Build Your Portfolio Website with HTML and CSS	Coursera Project Network and offered through Coursera	26-08-2021
	HTML and CSS: Building a Single-Page Website	Coursera Project Network and offered through Coursera	21-09-2021
	HTML and CSS: Building a Single-Page Website	Coursera Project Network and offered through Coursera	21-09-2021
	Fake News Detection with Machine Learning	Coursera Project Network and offered through Coursera	21-09-2021
	Predict Diabetes with a Random Forest using R	Coursera Project Network and offered through Coursera	21-09-2021
	Mining Quality Prediction Using Machine & Deep Learning	Coursera Project Network and offered through Coursera	22-09-2021
	Build a Machine Learning Web App with Streamlit and Python	Coursera Project Network and offered through Coursera	22-09-2021
	Facial Expression Classification Using Residual Neural Nets	Coursera Project Network and offered through Coursera	22-09-2021
	Pandas Python Library for Beginners in Data Science	Coursera Project Network and offered through Coursera	22-09-2021
	Source control management for test automation with Git	Coursera Project Network and offered through Coursera	29-09-2021
	Python World Map Geovisualization Dashboard using Covid Data	Coursera Project Network and offered through Coursera	29-09-2021
	Compare Inline, Internal, and External CSS	Coursera Project Network and offered through Coursera	29-09-2021
	Introduction to Javascript: The Basics	Coursera Project Network and offered through Coursera	29-09-2021

Name of Faculty	Name of Course	University	Date of Certificate
Mr. H. J. Shah	Introduction to Front-end Development with ReactJS	Coursera Project Network and offered through Coursera	29-09-2021
	Building a Dynamic Web App using PHP & MySQL	Coursera Project Network and offered through Coursera	29-09-2021
	RESTful API with HTTP and JavaScript	Coursera Project Network and offered through Coursera	30-09-2021
	Use WordPress to Create a Blog for your Business	Coursera Project Network and offered through Coursera	30-09-2021
	Machine Learning Feature Selection in Python	Coursera Project Network and offered through Coursera	30-09-2021
	Introduction to Search Engine Optimization	University of California, Davis	17-07-2020
	Create basic behavior with C# in Unity	Coursera Project Network and offered through Coursera	17-07-2020
	Microsoft 365 Fundamentals	Cybrary	19-07-2020
	Google Ads for Beginners	Coursera Project Network and offered through Coursera	21-07-2020
	Build a Google Firebase Web Application	Coursera Project Network and offered through Coursera	21-07-2020
	Spreadsheets for Beginners using Google Sheets	Coursera Project Network and offered through Coursera	21-07-2020
	Create a Resume and Cover Letter with Google Docs	Coursera Project Network and offered through Coursera	21-07-2020
	Introduction to Google Docs	Coursera Project Network and offered through Coursera	21-07-2020
	Improve Business Performance with Google Forms	Coursera Project Network and offered through Coursera	21-07-2020
	Create Informative Presentations with Google Slides	Coursera Project Network and offered through Coursera	22-07-2020
	Building Custom Regional Reports with Google Analytics	Coursera Project Network and offered through Coursera	22-07-2020
	Business Operations Support in Google Sheets	Coursera Project Network and offered through Coursera	22-07-2020
	Custom Prediction Routine on Google AI Platform	Coursera Project Network and offered through Coursera	22-07-2020
	Build a film club web app on Google AppEngine	Coursera Project Network and offered through Coursera	22-07-2020
	Custom Reports in Google Analytics	Coursera Project Network and offered through Coursera	22-07-2020
	Create a Budget with Google Sheets	Coursera Project Network and offered through Coursera	23-07-2020
	Increase SEO Traffic with WordPress	Coursera Project Network and offered through Coursera	23-07-2020
	Brand Marketing and SEO Tools using Wix	Coursera Project Network and offered through Coursera	23-07-2020
Build a Persistent Storage App in Android Studio	Coursera Project Network and offered through Coursera	23-07-2020	
RESTful API with HTTP and JavaScript	Coursera Project Network and offered through Coursera	23-07-2020	

Computer Science and Engineering Department E-News Letter

Name of Faculty	Name of Course	University	Date of Certificate
Mr. H. J. Shah	Introduction to Internet of things (IoT) using Arduino	Udemy	24-07-2020
	Create Charts and Dashboard using Google Sheets	Coursera Project Network and offered through Coursera	05-08-2020
	Portfolio Optimization using Markowitz Model	Coursera Project Network and offered through Coursera	05-08-2020
	Modern JavaScript: ES6 Basics	Coursera Project Network and offered through Coursera	05-08-2020
	Build a Budget and Analyze Variance using Google Sheets	Coursera Project Network and offered through Coursera	05-08-2020
	Create a Financial Statement using Google Sheets	Coursera Project Network and offered through Coursera	05-08-2020
	Investment Risk Management	Coursera Project Network and offered through Coursera	05-08-2020
	Digging Deeper into Audience Reports in Google Analytics	Coursera Project Network and offered through Coursera	05-08-2020
	Network Data Science with NetworkX and Python	Coursera Project Network and offered through Coursera	05-08-2020
Mr. N. Y. Kansara	Introduction to Search Engine Optimization	University of California, Davis	17-07-2020
	Create basic behavior with C# in Unity	Coursera Project Network and offered through Coursera	17-07-2020
	Microsoft 365 Fundamentals	Cybrary	19-07-2020
	Google Ads for Beginners	Coursera Project Network and offered through Coursera	21-07-2020
	Build a Google Firebase Web Application	Coursera Project Network and offered through Coursera	21-07-2020
	Spreadsheets for Beginners using Google Sheets	Coursera Project Network and offered through Coursera	21-07-2020
	Create a Resume and Cover Letter with Google Docs	Coursera Project Network and offered through Coursera	21-07-2020
	Introduction to Google Docs	Coursera Project Network and offered through Coursera	21-07-2020
	Improve Business Performance with Google Forms	Coursera Project Network and offered through Coursera	21-07-2020
	Create Informative Presentations with Google Slides	Coursera Project Network and offered through Coursera	22-07-2020
	Building Custom Regional Reports with Google Analytics	Coursera Project Network and offered through Coursera	22-07-2020
	Business Operations Support in Google Sheets	Coursera Project Network and offered through Coursera	22-07-2020
	Custom Prediction Routine on Google AI Platform	Coursera Project Network and offered through Coursera	22-07-2020
	Build a film club web app on Google AppEngine	Coursera Project Network and offered through Coursera	22-07-2020
	Custom Reports in Google Analytics	Coursera Project Network and offered through Coursera	22-07-2020
	Create a Budget with Google Sheets	Coursera Project Network and offered through Coursera	23-07-2020
Increase SEO Traffic with WordPress	Coursera Project Network and offered through Coursera	23-07-2020	

Computer Science and Engineering Department E-News Letter

Name of Faculty	Name of Course	University	Date of Certificate
Mr. N. Y. Kansara	Brand Marketing and SEO Tools using Wix	Coursera Project Network and offered through Coursera	23-07-2020
	Build a Persistent Storage App in Android Studio	Coursera Project Network and offered through Coursera	23-07-2020
	RESTful API with HTTP and JavaScript	Coursera Project Network and offered through Coursera	23-07-2020
	Introduction to Internet of things (IoT) using Arduino	Udemy	24-07-2020
	Create Charts and Dashboard using Google Sheets	Coursera Project Network and offered through Coursera	05-08-2020
	Portfolio Optimization using Markowitz Model	Coursera Project Network and offered through Coursera	05-08-2020
	Modern JavaScript: ES6 Basics	Coursera Project Network and offered through Coursera	05-08-2020
	Build a Budget and Analyze Variance using Google Sheets	Coursera Project Network and offered through Coursera	05-08-2020
	Create a Financial Statement using Google Sheets	Coursera Project Network and offered through Coursera	05-08-2020
	Investment Risk Management	Coursera Project Network and offered through Coursera	05-08-2020
	Digging Deeper into Audience Reports in Google Analytics	Coursera Project Network and offered through Coursera	05-08-2020
	Network Data Science with NetworkX and Python	Coursera Project Network and offered through Coursera	05-08-2020
	Collaborate on Files in Slack: Local & Google Drive Integrations	Coursera Project Network and offered through Coursera	05-08-2020
	Web Application Security Testing with OWASP ZAP	Coursera Project Network and offered through Coursera	05-08-2020
Mrs. H. H. Shah	Brand Marketing and SEO Tools using Wix	Coursera Project Network and offered through Coursera	27-07-2020
	Build a Persistent Storage App in Android Studio	Coursera Project Network and offered through Coursera	27-07-2020
	Create a Budget with Google Sheets	Coursera Project Network and offered through Coursera	27-07-2020
	Create Informative Presentations with Google Slides	Coursera Project Network and offered through Coursera	27-07-2020
	Custom Reports in Google Analytics	Coursera Project Network and offered through Coursera	27-07-2020
	Getting Started with AWS Machine Learning	Amazon Web Services and offered through Coursera	21-07-2020
	Google Ads for Beginners	Coursera Project Network and offered through Coursera	21-07-2020
	Images and links in HTML	Coursera Project Network and offered through Coursera	27-07-2020
	Increase SEO Traffic with WordPress	Coursera Project Network and offered through Coursera	27-07-2020
	RESTful API with HTTP and JavaScript	Coursera Project Network and offered through Coursera	27-07-2020
	Automating Team Communication with Google Sheets and Apps Script	Coursera Project Network and offered through Coursera	25-09-2020
Build a Budget and Analyze Variance using Google Sheets	Coursera Project Network and offered through Coursera	25-09-2020	

Computer Science and Engineering Department E-News Letter

Name of Faculty	Name of Course	University	Date of Certificate
Mrs. H. H. Shah	Building Candlestick Charts with Tableau	Coursera Project Network and offered through Coursera	30-09-2020
	Building Stock Returns Heatmap with Tableau	Coursera Project Network and offered through Coursera	30-09-2020
	Collaborate on Files in Slack Local & Google Drive Integration	Coursera Project Network and offered through Coursera	25-09-2020
	Compare Inline, Internal, and External CSS	Coursera Project Network and offered through Coursera	30-09-2020
	Construct Stock Market Indices	Coursera Project Network and offered through Coursera	30-09-2020
	Create a Financial Statement using Google Sheets	Coursera Project Network and offered through Coursera	25-09-2020
	Create Charts and Dashboard using Google Sheets	Coursera Project Network and offered through Coursera	30-09-2020
	Create your own Sudoku Solver using AI and Python	Coursera Project Network and offered through Coursera	30-09-2020
	Design and Simulate Smart Home Networks in Packet Tracer	Coursera Project Network and offered through Coursera	30-09-2020
	Digging Deeper into Audience Reports in Google Analytics	Coursera Project Network and offered through Coursera	25-09-2020
	HTML and CSS Building a Single-Page Website	Coursera Project Network and offered through Coursera	30-09-2020
	Interfacing with the Arduino	UCI, University of California, Irvine and offered through Coursera	25-09-2020
	Interfacing with the Raspberry Pi	UCI, University of California, Irvine and offered through Coursera	30-09-2020
	Introduction to Natural Language Processing in Python	Coursera Project Network and offered through Coursera	30-09-2020
	Introduction to Pointers and Memory Management in C/C++	Coursera Project Network and offered through Coursera	30-09-2020
	Introduction to Search Engine Optimization	University of California, Davis and offered through Coursera	28-09-2020
	Introduction to the Internet of Things and Embedded Systems	UCI, University of California, Irvine and offered through Coursera	25-09-2020
	Investment Risk Management	Coursera Project Network and offered through Coursera	25-09-2020
	Machine Learning Feature Selection in Python	Coursera Project Network and offered through Coursera	30-09-2020
	Modern JavaScript ES6 Basics	Coursera Project Network and offered through Coursera	25-09-2020
	Network Data Science with NetworkX and Python	Coursera Project Network and offered through Coursera	25-09-2020
	Planning for your G Suite Deployment	Google Cloud and offered through Coursera	28-09-2020
Programming for the Internet of Things Project	UCI, University of California, Irvine and offered through Coursera	30-09-2020	

Name of Faculty	Name of Course	University	Date of Certificate
Mrs. H. H. Shah	Python World Map Geovisualization Dashboard using Covid Data	Coursera Project Network and offered through Coursera	30-09-2020
	Source control management for test automation with Git	Coursera Project Network and offered through Coursera	30-09-2020
	Strategically Build and Engage Your Network on LinkedIn	Coursera Project Network and offered through Coursera	30-09-2020
	The Arduino Platform and C Programming	UCI, University of California, Irvine and offered through Coursera	28-09-2020
	Web Application Security Testing with OWASP ZAP	Coursera Project Network and offered through Coursera	25-09-2020
	The Raspberry Pi Platform and Python Programming for the Raspberry Pi!	UCI, University of California, Irvine and offered through Coursera	06-10-2020
	An Introduction to Programming the Internet of Things (IOT)	UCI, University of California, Irvine and offered through Coursera	06-10-2020

Faculty Research and Publication

Name of Faculty	Publication /Journal/ Conference / Book	Title of Publication	Name of Book/ Conference/ Journal	ISSN/ISBN/ Volume/Date
Dr. M. B. Desai	International Journal	DCT statistics and pixel correlation-based blind image steganalysis for identification of covert communication	International Journal of Computational Intelligence Studies, InderScience (UGC Approved)	2020
	International Journal	Low dimensional DCT and DWT feature based model for detection of image splicing and copy-move forgery	Multimedia Tools and Applications, Springer Verlag (SCI)	2020
	International Journal	IOT-based Line of Control Monitoring System	Journal of Operating Systems Development & Trends (Peer Reviewed)	2021
	International Journal	Image Splicing Forgery Detection using DWT and Local Binary Pattern	Lecture Notes in Network and Systems, Springer Verlag (Scopus)	2020
	International Journal	Hybrid Music Recommendation System Based on Temporal Effects	Advances in Intelligent Systems and Computing, Springer Verlag (Scopus)	2020
	International Journal	A Hybrid DST-SBPNRM Approach for Compressed Video Steganography	Multimedia Systems, Springer Verlag (SCI)	2021

Name of Faculty	Publication /Journal/ Conference / Book	Title of Publication	Name of Book/ Conference/ Journal	ISSN/ISBN/ Volume/Date
Miss B. R. Batt	International Journal	Email Security Using Hybrid Approach and Classification	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 8, Issue 5 May 2021
	International Journal	Analysis and Implementation of E-commerce application for small scale retailers (Wise Vendors)	International Journal of Engineering Applied Sciences and Technology (IJEAST)	April 2021
Mrs. D. R. Chaudhari	International Journal	Information Retrieval from Social media using Hashtags: Survey	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume 05, Issue 05 May 2021.
	International Journal	Goal Tracking, A Survey	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume 05, Issue 06 June 2021
Mrs. D. R. Chaudhari	Journal	A Mobile Application to unified social media posts using hashtags: Hashtag hunter	Science, Technology and Development Journal (STD)	Volume -X, Issue:VI, June 2021
Mr. V. C. Joshi	International Journal	Ensemble Learning based methods for Classification: An Overview	International Journal of Emerging Technologies and Innovative (Research)	Volume 8 issue 5, 2021
Mr. D. J. Rana	International Journal	Heart Disease Detection using Ensemble Learning Approach	International Research Journal of Engineering and Technology (IRJET)	International Research Journal of Engineering and Technology (IRJET)
Mr. H. J. Shah	International Journal	Sign Language Translation using Hand Movement Recognition	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 05 Issue: 04 April - 2021
	International Journal	"Interest Based Community"	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 05 Issue: 05 May - 2021
Mr. A. D. Prajapati	International Journal	Modern Human Care Services	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume 05, Issue 05 May 2021
Mrs. H. H. Shah	International Journal	Survey on IoT based society management and Automation	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume 05, Issue 04 April 2021

Patent Details					
Name of Author	Topic	Patent Number	Patent Date	Status (Registered/Applied)	Remarks
Mr. V. C. Joshi	Indigenous Compact Device for early diagnosis of Neonatal Hypothyroidism using Deel Learning	2021101430	19/03/2021	Granted	International Patent with Patent Authority: IP Australia
	A Novel Electro Acupuncture Device for COVID Treatment	202131022724	21/05/2021	Published	Patent is in Evaluation Phase

SSIP Sponsored Project Details						
Investigator	Project Title	Funded Agency	Amount	Duration	Year of Sanction	
Mr. A. D. Prajapati Mr. Rajveersinh Parmar Mr. Saurabhkumar Yadav Mr. Parthkumar Gohil Mr. Stavansinh Thakor	IOT based Line of Control Monitoring System	SSIP Cell RNgPIT, Govt. of Gujarat	22000	6 Months	2021	

Expert Lectures Delivered				
Name of Faculty	Description	Name and Address	Semester	Month and Year
Dr. Madhavi B. Desai	Introduction of Social Media Analytics, Challenges and Applications	Tapi Diploma Engineering college, Surat & Pacific School of Engineering, Palsana	3 rd Year	28-12-2020
	Recent advancements and Applications in machine learning	A. Y. Dadabhai Technical Institute, Kosamba	3 rd Year	17-09-2020
	Pattern Recognition and it's Applications	N. G. Patel Polytechnic, Isroli	3 rd Year	17-08-2020
	Machine Learning and its use cases	N. G. Patel Polytechnic, Isroli	3 rd Year	29-07-2020
	Application of Machine Learning	Pragati Engineering College, Surampalem, E. G. Dist., Andhra Pradesh India	4 th Year	27-05-2021
Mr. Vivek C. Joshi	Importance of Blogs for National Board of Accreditation	Bapuji Institute of Engineering and Technology, Davangere Computer Science and Engineering	In FDP for faculties	25-03-2021
	Relational Algebra and SQL	A. Y. Dadabhai Technical Institute, Kosamba, Computer Engineering	2 nd year diploma	12-10-2020
Mr. Narendra V. Jagtap	IoT and It's Application	N. G. Patel Polytechnic, Bardoli, Computer Engineering	1 st , 2 nd , 3 rd year	29-05-2021

Placement Cell



SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
R. N. G. Patel Institute of Technology - RONGPIT
BARODLI - NAVSARI ROAD - RT - 108/11, BARODLI

Computer Science and Engineering Department

Highlights of Placement 2020-21

Congratulations!



Jaykumar Patel
Annual Package - 7.00 LPA
System Engineer
Tata Consultancy Services (TCS)



Shiva Raj Porchhal
Annual Package - 4.00 LPA
Programmer Analyst
Capgemini



Karan Ghansoni
Annual Package - 3.80 LPA
Analyst
Capgemini



Aadil Sheikh
Annual Package - 3.50 LPA
Software Engineer
Mindtree, Pune



Jay Pandya
Annual Package - 2.40 LPA
Software Developer
Colson India Services Private Ltd., Surat



Mirnal Chhedvadiya
Annual Package - 2.00 LPA
Cloud Engineer
Appdome Ltd, Surat

Summary of 2020-21 Placement

49

Student Placed
during Year 2020-21

2 LPA

Average Annual Package

26

Companies
associated for Placement

7 LPA

Highest Package

Admission Inquiry - 94267 76969, 90337 07334, 99136 91117



<http://www.rngpit.ac.in/computer-dept>



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R. N. G. Patel Institute of Technology - RINGPIT
BARHOLI - BAYSARI ROAD, AT : ISHOLI, BARHOLI

Computer Science and Engineering Department

Highlights of Placement 2020-21

Congratulations!



Tapan Pandit
Annual Package - 3.36 LPA
System Engineer
Tata Consultancy Services (TCS)



Divyanshi Bana
Annual Package - 3.06 LPA
Android Developer
Determinant Studios, Bangalore



Ajaysh Mangrulkar
Annual Package - 3.25 LPA
Software Developer
La Net Team Software Solutions
Pvt. Ltd., Surat



Anjali Edhvani
Annual Package - 3.00 LPA
Software Developer
La Net Team Software Solutions
Pvt. Ltd., Surat



Neha Kapadia
Annual Package - 3.03 LPA
Software Engineer
MonDharma Lab Pvt. Ltd., Mumbai



Shreyas Pawalkh
Annual Package - 2.16 LPA
Software Developer
Solwin Infotech, Surat

Summary of 2020-21 Placement

49

Student Placed
during Year 2020-21

2 LPA

Average Annual Package

26

Companies
associated for Placement

7 LPA

Highest Package

Admission Inquiry - 94267 76969, 90337 07334, 99136 91117

<http://www.rngpit.ac.in/computer-dept>

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R. N. G. Patel Institute of Technology - RNGPIT
 DAFOLI - VANSARI POHRE, HT : ISDOLI, DAFOLI

Computer Science and Engineering Department

Key Recruiters 2020-21

MNCs

Reputed Companies of India

Admission Inquiry - 94267 76668, 98307 07314, 99136 91117
<http://www.rngpit.ac.in/computer-dept> | [f @cse.rngpit](#) | [@cse.rngpit](#)

✓ Computer Science & Engineering Department of R N G Patel Institute of Technology (RNGPIT) has organised **Placement Drive - 2021 of CODERKUBE TECHNOLOGIES LTD, Surat** for final year students of B.E (Computer Science & Engineering) on 16th February, 2021. Total **02 students** were selected with **1.92 LPA**.

✓ Computer Science & Engineering Department of R N G Patel Institute of Technology (RNGPIT) has organised **Placement Drive – 2021 of La Net Team Software Solutions Pvt. Ltd., Surat** for final year students of B.E (Computer Science & Engineering) on 16th October, 2021. Total **02 students** were selected with **3 LPA**.

R. N. G. Patel Institute of Technology

COMPUTER SCI & ENGG. DEPARTMENT
 CAMPUS PLACEMENT DRIVE

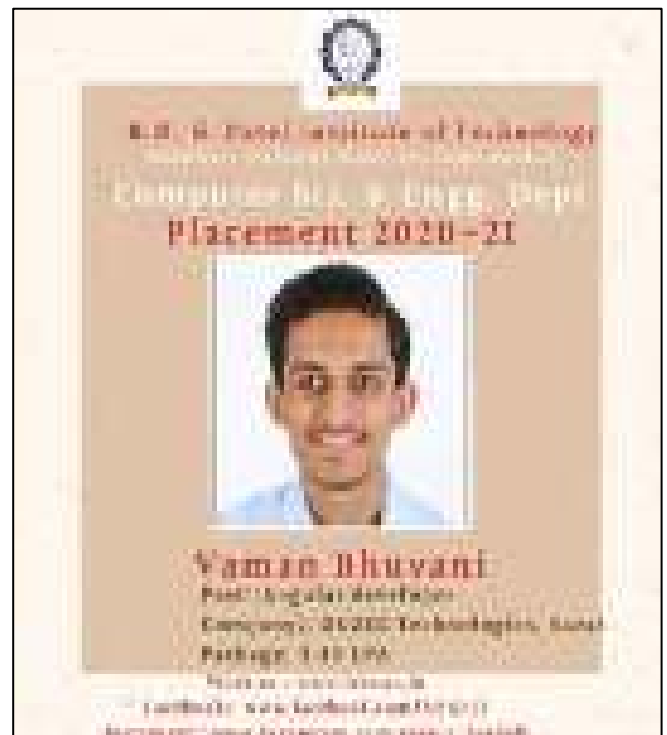
CODERKUBE TECHNOLOGIES SURAT

For:
B.E. (Computer Sci. & Engg.)
 Final Year Students



✓ **Mr. Jay Pandya and Mr. Rushabh Patel** -Computer Science and Engineering Department of RNGPIT final year student has been selected in one of the topmost software segment company **Colortex The Dyestuff Company** as **Software developer** with package of **2.40 LPA.**

✓ **Mr. Vaman Bhuvani** - Computer Science and Engineering Department of RNGPIT final year student have been selected in one of the topmost software segment company **OOZEE Technologies (Surat)** as **Angular developer** with package of **2.40 LPA.**



✓ **Mr. Nirmal Chhodvadiya**- Computer Science and Engineering Department of RINGPIT final year student have been selected in one of the topmost software segment company **APPGAMEBIT** as **Cloud Engineer** with package of **2 LPA**.



✓ **Miss Saloni Patel and Marisha Dhimmar**- Computer Science and Engineering Department of RINGPIT final year student have been selected in one of the topmost software segment company **POTENT GLOBAL SOLUTIONS** as **Software Engineer** with package of **1.75 LPA**.



✓ **Mr. Dhiren Jummani**- Computer Science and Engineering Department of RINGPIT final year student have been selected in one of the topmost software segment company **SOLWIN INFOTECH** as **Jr. Software developer** with package of **1.80 LPA**



✓ **Miss Shraddha Patel and Shreya Patel** - Computer Science and Engineering Department of RINGPIT final year student have been selected in one of the topmost software segment company **circlestudio** as **Web Developer** with package of **1.20 LPA**.



✓ **Miss Shreya Parekh** - Computer Science and Engineering Department of RNGPIT final year student have been selected in one of the topmost software segment company **SOLWIN INFOTECH** as **intern** with package of **2.16 LPA**.



✓ **Miss Shivani Rana** - Computer Science and Engineering Department of RNGPIT final year student have been selected in one of the topmost software segment company **DETERMINANT STUDIOS** as **Software Engineer (Android Developer)** with package of **3.1 LPA**.



✓ **Mr. Tapan Panchal** - Computer Science and Engineering Department of RNGPIT final year student have been selected in one of the topmost software segment company **TATA Consultancy Services** as **Assistant System Engineer Trainee** with package of **3.36 LPA**.



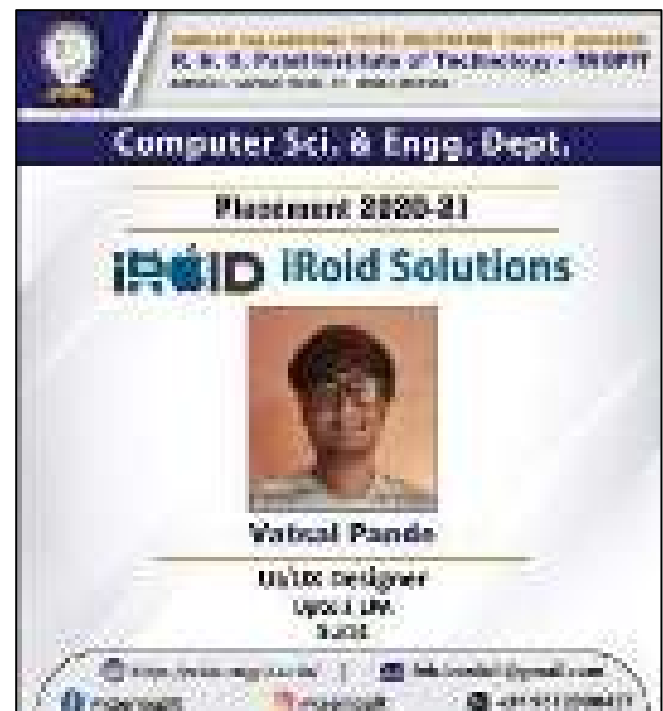
✓ **Mr. Deep Ghandi** - Computer Science and Engineering Department of RNGPIT final year student have been selected in one of the topmost software segment company **Square Infosoft** as **iOS Developer** upto package of **3 LPA**.



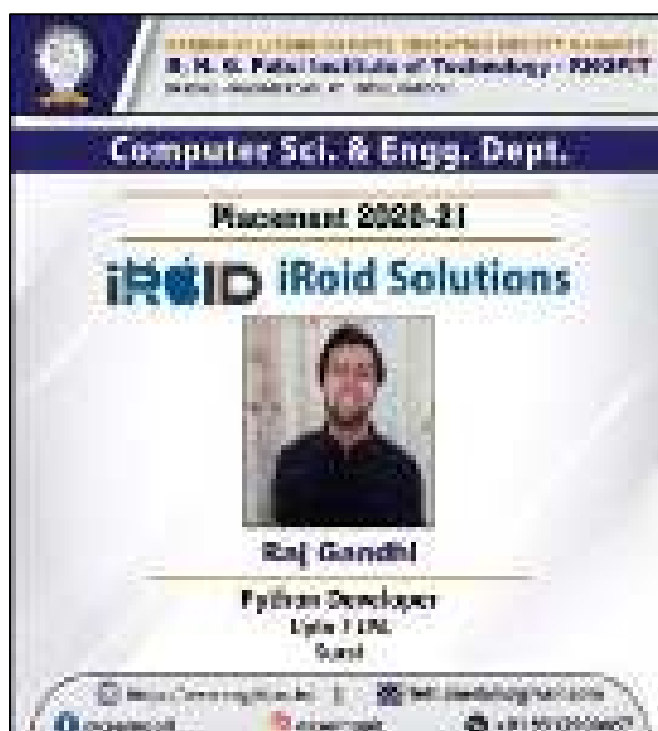
✓ **Miss Heli Kapadiya** - Computer Science and Engineering Department of RRGPIIT final year student have been selected in one of the topmost software segment company **Glowderma Lab Pvt. Ltd.** as **Software Engineer** upto package of **3 LPA.**



✓ **Mr. Vatsal Pande** - Computer Science and Engineering Department of RRGPIIT final year student have been selected in one of the topmost software segment company **iRoid Solutions** as **UI/UX Designer** upto package of **3 LPA.**



✓ **Mr. Raj Gandhi** - Computer Science and Engineering Department of RRGPIIT final year student have been selected in one of the topmost software segment company **iRoid Solutions** as **Python Developer** upto package of **3 LPA.**



✓ **Mr. Rahul Gupta** - Computer Science and Engineering Department of RRGPIIT final year student have been selected in one of the topmost software segment company **Fyp Money** as **Software Engineer Intern** with package of **25K/month.**



✓ **Mr. Mithil Pandya** - Computer Science and Engineering Department of RRGPIIT final year student have been selected in one of the topmost software segment company **Avinashi Ventures Pvt. Ltd.** as **intern** with package of **1.92 LPA.**



✓ **Miss Varu Palak and Miss Vrunda Prajapati** - Computer Science and Engineering Department of RRGPIIT final year student have been selected in one of the topmost software segment company **Coderkube Technologies** as **PHP Developer** upto package of **1.92 LPA.**



✓ **Mr. Jayesh Mungara and Miss Anjaly Ezhava**- Computer Science and Engineering Department of RRGPIIT final year student have been selected in one of the topmost software segment company **LANET Team Software Solutions** as **Software Developer** upto package of **3 LPA.**



✓ **Miss Pearl Naik and Rinkal Arawal**- Computer Science and Engineering Department of RRGPIIT final year student have been selected in one of the topmost software segment company **SRKAY** as **Associate Trainee**, Icchapore , Hazira, Surat with package of **2.15 LPA.**



- ✓ **Miss Swati Bachchhe and Shreya Parekh**- Computer Science and Engineering Department of RNgPIT final year student have been selected in one of the topmost software segment company **Cirkle Studio** as **Web Development** upto package of **1.5 LPA**.
- ✓ **Mr. Mohit Sojitra, Mr. Parth Kanani, Mr. Manoj Josaliya, Mr. Yash Mistry and Mr. Raj Kharvar** - Computer Science and Engineering Department of RNgPIT final year student have been selected in one of the topmost software segment company **Zujo Tech Pvt. Ltd., Surat** as **intern** upto package of **1.08 LPA**.
- ✓ **Mr. Patel Neel**- Computer Science and Engineering Department of RNgPIT final year student have been

selected in one of the topmost software segment company **INKEY SOLUTION PVT. LTD.** as **Data analyst** with package of **2.04 LPA**.

✓ **Mr. Keyur Panchal** - Computer Science and Engineering Department of RNgPIT final year student have been selected in one of the topmost software segment company **NJD Technologies** as **PHP Developer** upto package of **3 LPA**.

Mr. Deep Mevada - Computer Science and Engineering Department of RNgPIT final year student have been selected in one of the topmost software segment company **Infozium Solutions** as **Game Developer** upto package of **1.8 LPA**.

Media Corner

બારડોલીની RNgPIT એન્જિનિયરિંગ કોલેજના કમ્પ્યુટર વિભાગમાં ટ્રેનિંગ પ્રોગ્રામ યોજાયો

ભારત સરકાર દ્વારા વહી વહી ચલાવેલ ગોવર્ણમેન્ટ એન્જિનિયરિંગ કોલેજ બારડોલીમાં કમ્પ્યુટર વિભાગમાં ટ્રેનિંગ પ્રોગ્રામ યોજાયો. આ પ્રોગ્રામમાં કોલેજના અભ્યાસક્રમના અંતિમ વર્ષના વિદ્યાર્થીઓને ટ્રેનિંગ આપવામાં આવ્યું હતું. આ પ્રોગ્રામમાં વિદ્યાર્થીઓને કમ્પ્યુટર ગ્રાફિક્સ, ડિઝાઇન અને વેબ ડેવલપમેન્ટના ક્ષેત્રોમાં ટ્રેનિંગ આપવામાં આવી હતી. આ પ્રોગ્રામમાં વિદ્યાર્થીઓને કમ્પ્યુટર ગ્રાફિક્સ, ડિઝાઇન અને વેબ ડેવલપમેન્ટના ક્ષેત્રોમાં ટ્રેનિંગ આપવામાં આવી હતી. આ પ્રોગ્રામમાં વિદ્યાર્થીઓને કમ્પ્યુટર ગ્રાફિક્સ, ડિઝાઇન અને વેબ ડેવલપમેન્ટના ક્ષેત્રોમાં ટ્રેનિંગ આપવામાં આવી હતી.

તાજપોરલી ભારત એન.જી. પટેલ ઇન્જિનિયરિંગ કોલેજ ટેકનોલોજી દ્વારા નેશનલ સેમિનાર

આ સેમિનારમાં વિદ્યાર્થીઓને કમ્પ્યુટર ગ્રાફિક્સ, ડિઝાઇન અને વેબ ડેવલપમેન્ટના ક્ષેત્રોમાં ટ્રેનિંગ આપવામાં આવી હતી. આ પ્રોગ્રામમાં વિદ્યાર્થીઓને કમ્પ્યુટર ગ્રાફિક્સ, ડિઝાઇન અને વેબ ડેવલપમેન્ટના ક્ષેત્રોમાં ટ્રેનિંગ આપવામાં આવી હતી. આ પ્રોગ્રામમાં વિદ્યાર્થીઓને કમ્પ્યુટર ગ્રાફિક્સ, ડિઝાઇન અને વેબ ડેવલપમેન્ટના ક્ષેત્રોમાં ટ્રેનિંગ આપવામાં આવી હતી.

ગુજરાત ગાકિથન સુરત

સંસ્કૃત સપ્તાહ ૧૫-૧૬ જુન ૨૦૧૯

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બારડોલીની RANGPIT કોલેજના કોમ્પ્યુટર તેમજ કેમિકલ વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા

બારડોલી, તા. ૧૬ જુન - ગુજરાત રાજ્યના સુરત શહેરમાં આજ રોજ આયોજાયેલા ગુજરાત ગાકિથન સુરત સપ્તાહના ૧૫-૧૬ જુનના રોજ આયોજાયેલા કોમ્પ્યુટર અને કેમિકલ વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા. આ સંદર્ભે કોમ્પ્યુટર વિભાગના અધ્યક્ષ ડૉ. સુરેશભાઈ પટેલે જણાવ્યું હતું કે, આ સંદર્ભે કોમ્પ્યુટર વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા અને કેમિકલ વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા.

કોમ્પ્યુટર વિભાગના અધ્યક્ષ ડૉ. સુરેશભાઈ પટેલે જણાવ્યું હતું કે, આ સંદર્ભે કોમ્પ્યુટર વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા અને કેમિકલ વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા. આ સંદર્ભે કોમ્પ્યુટર વિભાગના અધ્યક્ષ ડૉ. સુરેશભાઈ પટેલે જણાવ્યું હતું કે, આ સંદર્ભે કોમ્પ્યુટર વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા અને કેમિકલ વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા.

કોમ્પ્યુટર વિભાગના અધ્યક્ષ ડૉ. સુરેશભાઈ પટેલે જણાવ્યું હતું કે, આ સંદર્ભે કોમ્પ્યુટર વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા અને કેમિકલ વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા. આ સંદર્ભે કોમ્પ્યુટર વિભાગના અધ્યક્ષ ડૉ. સુરેશભાઈ પટેલે જણાવ્યું હતું કે, આ સંદર્ભે કોમ્પ્યુટર વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા અને કેમિકલ વિભાગના વિદ્યાર્થીઓ રાજ્યકક્ષાએ ઝળક્યા.

૬૦ ટી.યુ.નાં પરિણામોમાં કોમ્પ્યુટર વિભાગ પાંચમા સેમેસ્ટરમાં, રાજ્યકક્ષાએ બીજા અને કેમિકલ વિભાગ સાતમા સેમેસ્ટરમાં ચોથા ક્રમકે

બારડોલી કોલેજમાં રોડ મેપ ટુ રાઈટ ટેકનિકલ રિસર્ચ પર ઓનલાઈન સેમિનાર

બારડોલીની રાજકોટ કોલેજના આર.એન.કે.એસ. ઈન્સ્ટીટ્યુટ ઓફ ટેકનોલોજી (RANGPIT) કોલેજના કોમ્પ્યુટર એન્ડ આર.એન્ડ. વિભાગ દ્વારા ૩૧, ૩૨, ૩૩ ના રોજ એક સિમ્પોઝિયમ ઓનલાઈન નોંધાયેલા સેમિનાર "રોડ મેપ ટુ રાઈટ ટેકનિકલ રિસર્ચ પર" નું આયોજન કરવામાં આવ્યું હતું. આ નોંધાયેલા સેમિનારમાં નેમ્બર ટેકનિકલ રિસર્ચ પર ઓનલાઈન સેમિનાર દ્વારા ૩૧, ૩૨, ૩૩ ના રોજ એક સિમ્પોઝિયમ ઓનલાઈન નોંધાયેલા સેમિનાર "રોડ મેપ ટુ રાઈટ ટેકનિકલ રિસર્ચ પર" નું આયોજન કરવામાં આવ્યું હતું.

રોડ મેપ ટુ રાઈટ ટેકનિકલ રિસર્ચ પર ઓનલાઈન સેમિનાર દ્વારા ૩૧, ૩૨, ૩૩ ના રોજ એક સિમ્પોઝિયમ ઓનલાઈન નોંધાયેલા સેમિનાર "રોડ મેપ ટુ રાઈટ ટેકનિકલ રિસર્ચ પર" નું આયોજન કરવામાં આવ્યું હતું.

રોડ મેપ ટુ રાઈટ ટેકનિકલ રિસર્ચ પર ઓનલાઈન સેમિનાર દ્વારા ૩૧, ૩૨, ૩૩ ના રોજ એક સિમ્પોઝિયમ ઓનલાઈન નોંધાયેલા સેમિનાર "રોડ મેપ ટુ રાઈટ ટેકનિકલ રિસર્ચ પર" નું આયોજન કરવામાં આવ્યું હતું.

રોડ મેપ ટુ રાઈટ ટેકનિકલ રિસર્ચ પર ઓનલાઈન સેમિનાર દ્વારા ૩૧, ૩૨, ૩૩ ના રોજ એક સિમ્પોઝિયમ ઓનલાઈન નોંધાયેલા સેમિનાર "રોડ મેપ ટુ રાઈટ ટેકનિકલ રિસર્ચ પર" નું આયોજન કરવામાં આવ્યું હતું.



Thank You

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