

An
Online Summer Internship Training Report
On
“Computer Assisted design and machining
(CADM-2021)”

31st May 2021 – 12th June 2021

Jointly Conducted by



Mechanical Engineering Department
S. N. Patel Institute of Technology and Research Center,
UmraKh

And



SOPAN Institute of Engineering & Design (SIED)

Organised by

Dr. Shakil A. Kagzi
Prof. Vishal Z. Dhimmar

Mechanical Engineering Department
S. N. Patel Institute of Technology and Research Centre, UmraKh
Affiliated with Gujarat Technological University

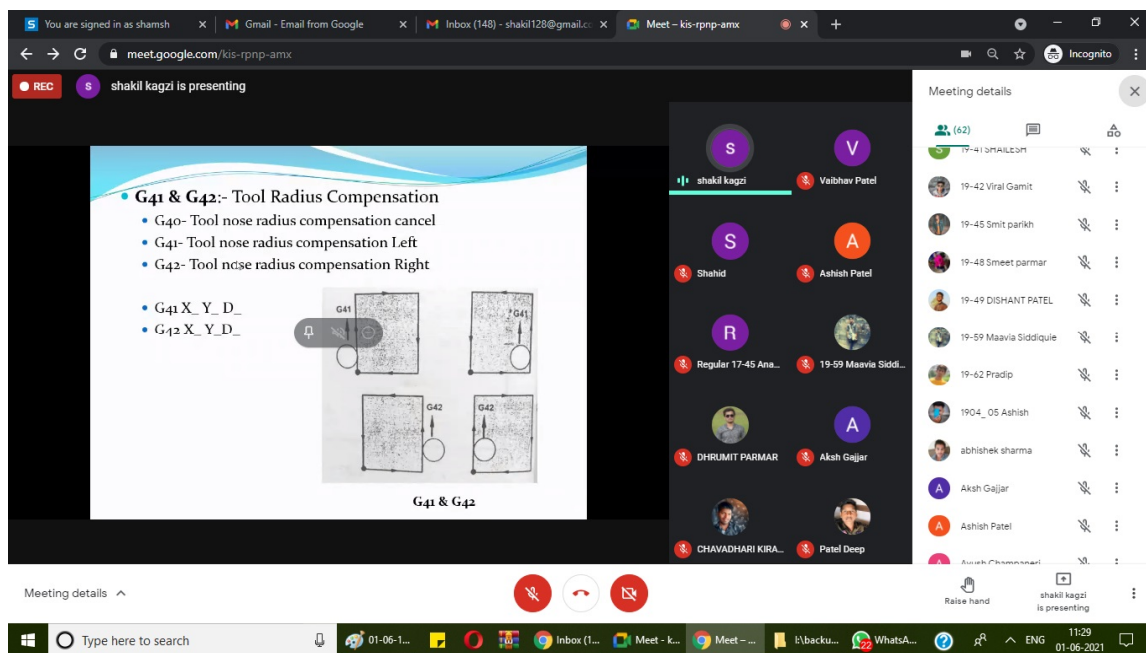
Contents

| Sr. No. | Topic | Page no. |
|---------|--|----------|
| 1 | Motivation | 3 |
| 2 | Introduction to CNC machine, G-codes and M-codes | 3 |
| 3 | Introduction to AutoCAD and Solid Works | 4 |
| 4 | Introduction to Esprit CAM software | 6 |
| 5 | Introduction to VMC | 7 |
| 6 | Summary | 7 |
| 7 | Annexure-I Internship Banner | 9 |
| 8 | Annexure-II Internship Brochure | 10 |
| 9 | Annexure-III Internship Schedule | 11 |
| 10 | Annexure-IV Certificates | 12 |
| 11 | Annexure-V Internship Students list | 13 |

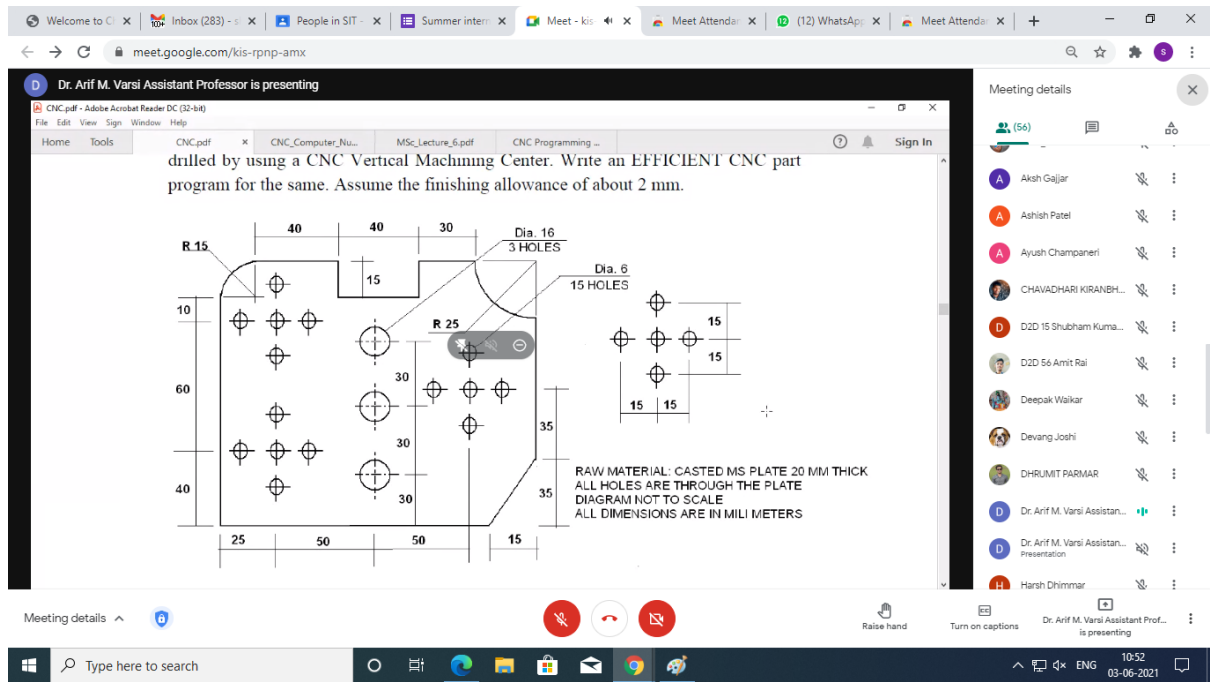
1. Motivation

Gujarat Technological University has updated its curriculum of 7th semester, where Summer Internship was introduced in the category of the project with the code (3170001). With the situation of pandemic prevailing in the entire country many industries were providing online internship training program. This was the point when a well-known software solution providing company agreed to provide online internship training program on the subject of CAD-CAM in jointly organisation with SNPIT-Umrakh. With the view to give something more than the regular syllabus, with the permission from the Principal, SNPIT-Umrakh and motivation from Head, mechanical engineering department, a two week online training was organised with two hours a day.

2. Introduction to CNC machines, G-Codes and M-codes



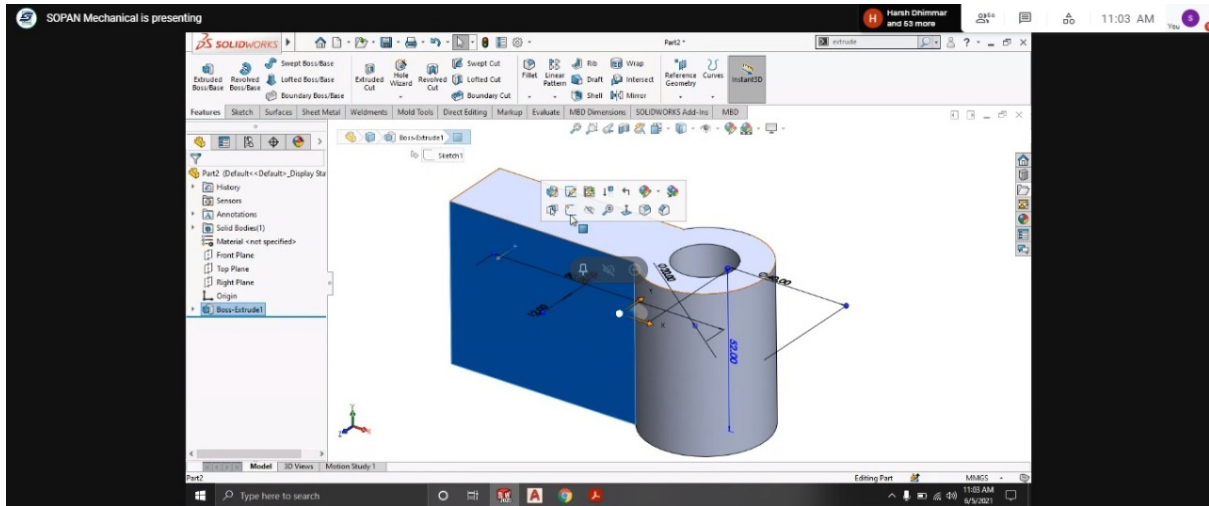
The first two days were spent on brushing up the knowledge of the student regarding the CNC machine including turning centres and milling centres. This introductory part was taught by Prof. Nilesh V. Rana, Mechanical Engineering Department.



The next two days were spent on writing program in general G-codes and M-codes for turning and milling centres. This includes calculating the coordinates, formation of program using G-codes and M-codes. The programs were formed considering different geometries. This part was taken by Dr. Arif M. Varsi.

3. Introduction to AutoCAD and Solid works

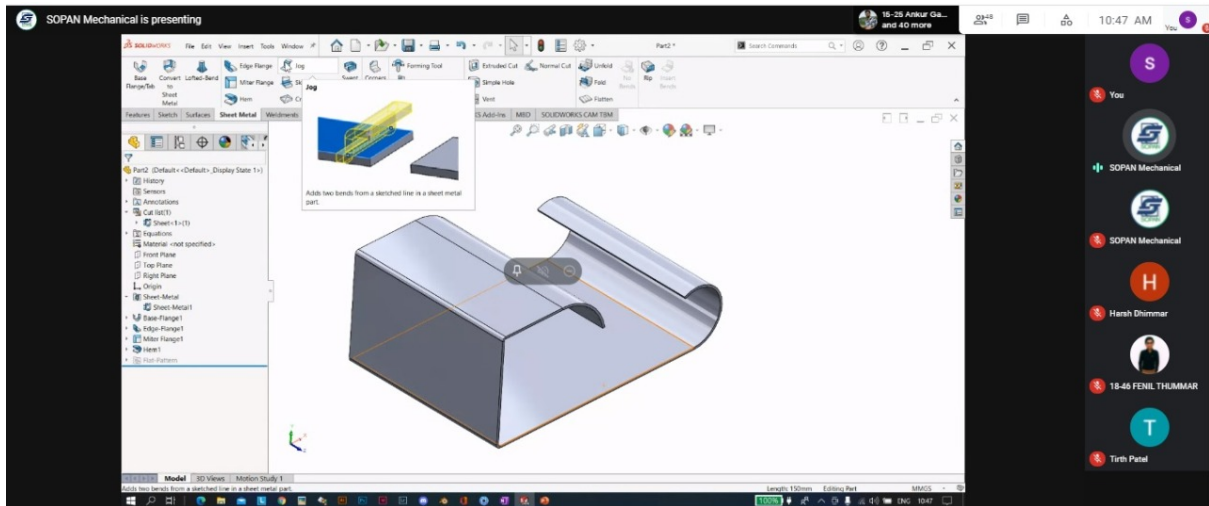
SOPAN Institute of Engineering and Design (SIED) has performed online training on 2D drafting using AutoCAD. Different commands and an easy and faster way of preparing geometry were introduced by an expert speaker Mr. Harshit Patel, Senior engineer, SIED. This was for revising the drafting methods that the students have studied in practical hours of their regular syllabus.



Meeting details ^



Turn on captions SOPAN Mechanical is presenting



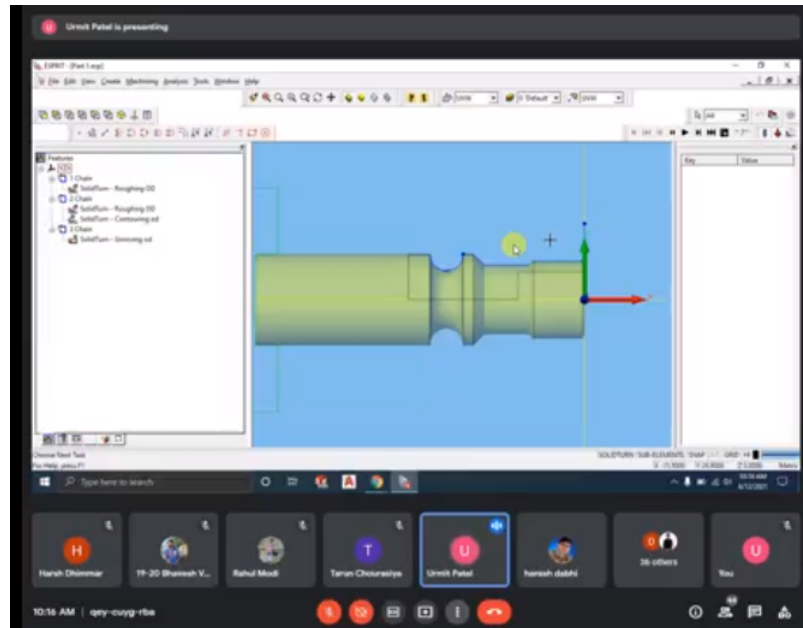
Meeting details ^



Turn on captions SOPAN Mechanical is presenting

The next two days he involved student in three dimensional modelling using well-known software package Solid works. Along with the solid modelling, modelling of sheet metal components and their assembly was introduced.

4. Introduction to Esprit CAM software



CNC Programming in a basic form includes calculating co-ordinates and programming in terms of G-codes and M-codes for the desired tool motion. This section was introduced to let the student know how the program can be generated using CAD model. An Expert speaker Mr. Urmit Patel, Senior Engineer, (SIED) has shared his knowledge of Esprit CAM software and introduced the students how the programming of complex geometry can be performed using CAD models which otherwise very difficult with manual programming. This makes the process rapid and precise. This took four days for introducing this software to the students.

5. Introduction to VMC



SNPIT & RC, Umrahk, has a procured VMC machine mainly for the research, educational and training purpose. This machine, its different parts, panels and modes of operation were discussed online with the students. A methodology though user friendly application in Siemens controller, to take work-offset, radius compensation, tool change, coolant on/off and tool-offset were discussed. Based on a geometry the program was discussed and simulations were performed. The machining of this geometry was completely demonstrated. This demonstration was taken up by Dr. Shakil A. Kagzi and Prof. Vivek Bhagat of mechanical engineering department, SNPIT & RC Umrahk.

6. Summary

In total two hundred and five students from different regions of the Gujarat, specifically from the south Gujarat, had applied for this internship. These students were from ninety eight different institutes. Out of which sixty seven students were from parent institute (SNPIT & RC, Umrahk). Assignments were given on the regular basis as well as attendance were regularly taken in each of the session. Moreover, students were made to write report on what they have learnt from the program. Considering the assignments and reports submitted

certificates of internship training were issued to the students. About hundred and fifty students have qualified themselves for the certification of this training program. We as team are thankful to Principal, SNPIT & RC - Umrah, HOD Mechanical Engineering Department for permitting and encouraging such activity for the students. We are also thankful to SIED, Surat for their contribution in this training program.

ANNEXURE-I

Internship Banner



 **S. N. Patel Institute of Technology & Research Centre, UmraKh**
(A Vidyabharti Trust Institution)

Mechanical Engineering Department
Organizes
Two weeks online internship training program
on

Computer Assisted Designing and Machining (CADM-2021)

For Registration Visit www.snpitrc.ac.in
Duration: 31th May to 12th June, 2021

Jointly Conducted By
SOPAN Institute of Engineering & Design (SIED)

INSTITUTE OF ENGINEERING & DESIGN
Way to Success...

S. N. Patel Institute of Technology & Research Centre


Coordinators
Dr. Shakil A. Kagzi (99795 27169)
Prof. Vishal Z. Dhimmar (93764 19151)
Mr. Pratik Mistry
Principal
Dr. Piyush S. Jain

Vidyabharti Campus, At & Po. Baben, Ta.: Bardoli , Dist.: Surat, Pin: 394601

ANNEXURE-II

Internship Brochure

| | | |
|---|---|---|
| <p>REGISTRATION FORM S. N. Patel Institute of Technology & Research Centre, Umrakh-Bardoli, Surat Two weeks on line internship training program on “Computer Assisted Designing and Machining (CADM-2021)” (31st May to 12th June, 2021)</p> <p>Name: _____ Under Graduate Course: B. E. Department : Mechanical College/Institute: _____ Affiliated University: _____ Mailing Address: _____ Tel. / Mobile No.: _____ Email: _____ Date: ____/____/____ Place: _____</p> <p>Signature of Applicant _____ Signature of HOD _____</p> <p>It is preferred to fill the online google form for the registration of this program through following link. Link for Online Application https://forms.gle/DNczkUg-UjmJmDgn9</p>  | <p>TECHNICAL ADVISORY COMMITTEE</p> <ul style="list-style-type: none">⇒ Mr. Harshit Patel, SOPAN Institute, Surat⇒ Mr. Urmit Patel, SOPAN Institute, Surat <p>ORGANIZING COMMITTEE</p> <p>Chief Patrons</p> <p>Shri. Manharbhai L. Patel (Managing Trustee) Shri. Kirithbhai N. Patel (Secretary) Shri. Ashwinbhai H. Patel (Co-Secretary)</p> <p>Patron</p> <p>Dr. Piyush S. Jain (Principal, SNPIT & RC, Umrakh)</p> <p>Coordinator</p> <p>Dr. Shakil A. Kagzi (Associate Professor, Mech. Department) Prof. Vishal Z. Dhimmar (Assistant Prof. & Head, Mech. Department)</p> <p>Committee Members</p> <p>Dr. Arif Varsi Prof. Milan Patel Prof. Nilesh Rana Prof. Vivek Bhagat</p> <p>ADDRESS FOR CORRESPONDENCE</p> <p>Dr. Kagzi Shakil A.. Assc. Prof., Mechanical Dept. Phone: 9979527169 Email: shakil.kagzi@snpitrc.ac.in S. N. Patel Institute of Technology & Research Centre, Umrakh-Bardoli, Surat</p> | <p>Two weeks online Internship training program on Computer Assisted Designing and Machining (CADM-2021) (31st May to 12th June, 2021) Jointly Conducted By</p>  <p>Mechanical Engineering Department S. N. Patel Institute of Technology & Research Centre, Umrakh-Bardoli, Surat website : www.snpitrc.ac.in</p> <p>&</p> <p>SOPAN Institute of Engineering & Design (SIED)</p>  <p>Coordinators</p> <p>Dr. Shakil A. Kagzi Prof. Vishal Z. Dhimmar Mr. Pratik Mistry</p> |
|---|---|---|

ANNEXURE-III

Internship Schedule



S. N. Patel Institute of Technology & Research Centre, Umrakh
(A Vidyabharti Trust Institution)

Schedule of Training Program (31-05-2021 to 12-06-2021):

| DATE | DATE TIME (DURATION) | TITLE OF DISCUSSION |
|------------|------------------------------|---|
| 31-05-2021 | 10:00am to 12:00am (2 Hours) | CNC Programming for Turning |
| 01-06-2021 | 10:00am to 12:00am (2 Hours) | CNC Programming for Turning + Assignment |
| 02-06-2021 | 10:00am to 12:00am (2 Hours) | CNC Programming for Milling |
| 03-06-2021 | 10:00am to 12:00am (2 Hours) | CNC Programming for Milling + Assignment |
| 04-06-2021 | 10:00am to 12:00am (2 Hours) | Computer Aided 2D Drafting |
| 05-06-2021 | 10:00am to 12:00am (2 Hours) | Computer Aided Design |
| 07-06-2021 | 10:00am to 12:00am (2 Hours) | Computer Aided Design + Assignment |
| 08-06-2021 | 10:00am to 12:00am (2 Hours) | Computer Aided Manufacturing |
| 09-06-2021 | 10:00am to 12:00am (2 Hours) | Computer Aided Manufacturing |
| 10-06-2021 | 10:00am to 12:00am (2 Hours) | Computer Aided Manufacturing |
| 11-06-2021 | 10:00am to 12:00am (2 Hours) | Computer Aided Manufacturing + Assignment |
| 12-06-2021 | 10:00am to 12:00am (2 Hours) | Demonstration and simulation to VMC |

ANNEXURE-IV

Internship Participation Certificates





S. N. Patel Institute of Technology & Research Centre
(A Vidyabharti Trust Institution)

CERTIFICATE

of participation

This certificate is awarded to

Mr. : _____

for participating successfully two weeks online internship training program
on
“Computer Assisted Designing and Machining (CADM-2021)”
(31st May 2021 to 12th June 2021)
jointly conducted by
Mechanical Engineering Department,
S. N. Patel Institute of Technology & Research Centre, Umrakh
&
SOPAN Institute of Engineering & Design (SIED), Surat.

| | | | |
|--|--|---|--|
|  Dr. Shakil Kagzi Coordinator Mechanical Engineering Department |  Prof. Vishal Z. Dhimmarr Coordinator Mechanical Engineering Department |  Mr. Mahek A. Mistry Director SOPAN Group |  Dr. Piyush S. Jain Principal SNPIT&RC, UMRRAKH |
|--|--|---|--|

Expert Speakers Certificates





S. N. Patel Institute of Technology & Research Centre
(A Vidyabharti Trust Institution)

CERTIFICATE

of appreciation

This certificate is awarded to

in a view of his contribution as a speaker in two weeks online internship training program
on
“Computer Assisted Designing and Machining (CADM-2021)”
(31st May 2021 to 12th June 2021)
jointly conducted by
Mechanical Engineering Department,
S. N. Patel Institute of Technology & Research Centre, Umrakh
&
SOPAN Institute of Engineering & Design (SIED), Surat.

| | | | |
|--|--|---|--|
|  Dr. Shakil Kagzi Coordinator Mechanical Engineering Department |  Prof. Vishal Z. Dhimmarr Coordinator Mechanical Engineering Department |  Mr. Mahek A. Mistry Director SOPAN Group |  Dr. Piyush S. Jain Principal SNPIT&RC, UMRRAKH |
|--|--|---|--|

ANNEXURE-V

Internship Students List

| Sr. No. | Name of Participants | College/Institute |
|---------|------------------------------------|--|
| 1 | SINGH RAJNISHKUMAR HARENDRA | SNPIT and RC - Umrakh |
| 2 | Mayur Randhirbhai Salve | SNPIT and RC - Umrakh |
| 3 | Khalasi Riddhikkumar Rajnikantbhai | SNPIT and RC - Umrakh |
| 4 | Samuel Joshua Saji | SNPIT and RC - Umrakh |
| 5 | Gamit pratikkumar pravinbhai | SNPIT and RC - Umrakh |
| 6 | Pathan Nomankhan | SNPIT and RC - Umrakh |
| 7 | Shubham Kumar Mishra | SNPIT and RC - Umrakh |
| 8 | Sharma Sonu Ramkumar | SNPIT and RC - Umrakh |
| 9 | Bhavesh jayeshbhai patil | SNPIT and RC - Umrakh |
| 10 | GAMIT ANKURBHAI CHANDUBHAI | SNPIT and RC - Umrakh |
| 11 | Rana Valay Mukeshbhai | SNPIT and RC - Umrakh |
| 12 | Prajapati Rikeshkumar | SNPIT and RC - Umrakh |
| 13 | THUMMAR FENIL ISHWARBHAI | SNPIT and RC - Umrakh |
| 14 | Gamit Ankurbhai Rohitbhai | SNPIT and RC - Umrakh |
| 15 | Gupta pravin surendra | SNPIT and RC - Umrakh |
| 16 | Patel Parth Rameshchandra | SNPIT and RC - Umrakh |
| 17 | Sarthak Sanjay Chauhan | SNPIT and RC - Umrakh |
| 18 | AJAY RADHESHYAM BAHALIYA | SNPIT and RC - Umrakh |
| 19 | VASAVA PRADIPKUMAR RATILAL | SNPIT and RC - Umrakh |
| 20 | Hareahkumar O. Dabhi | DIC CED Gandhinagar |
| 21 | Tailor Anshulkumar Hemantbhai | SNPIT and RC - Umrakh |
| 22 | KANKRECHA ANIKET JAYANTIBHAI | MAHAVIR SWAMI COLLAGE OF ENGINEER AND TECHNOLOGY |
| 23 | Yogendrakumar HemantKumar Shukla | SNPIT and RC - Umrakh |
| 24 | Krunal Patel | SNPIT and RC - Umrakh |
| 25 | PARMAR SMEETKUMAR KAMLESHBHAI | SNPIT and RC - Umrakh |
| 26 | Naik Neel Hirenbhai | SNPIT and RC - Umrakh |
| 27 | MAHTO SAJAN KUMAR KAPILDEV | SNPIT and RC - Umrakh |
| 28 | Nirmalkumar Harshadbhai Patel | SNPIT and RC - Umrakh |
| 29 | Abhi Gosai | MAHAVIR SWAMI COLLAGE OF ENGINEER AND TECHNOLOGY |
| 30 | Rajan Kumar | SNPIT and RC - Umrakh |
| 31 | Patel Anant Shaileshbhai | SNPIT and RC - Umrakh |
| 32 | Sakhiya Kishan Nareshbhai | SNPIT and RC - Umrakh |
| 33 | Patel Princekumar Maheshbhai | SNPIT and RC - Umrakh |
| 34 | Asamaniwala Nevil Jayeshkumar | SNPIT and RC - Umrakh |
| 35 | Bhaveshbhai Jagdishbhai Vasava | SNPIT and RC - Umrakh |
| 36 | Kevin R Patel | SNPIT and RC - Umrakh |
| 37 | Sandipkumar Maheshbhai bhoi | SNPIT and RC - Umrakh |
| 38 | Nikhil Mansukhbhai Gamit | SNPIT and RC - Umrakh |
| 39 | RAI AMITKUMAR SANTOSHKUMAR | SNPIT and RC - Umrakh |
| 40 | Chaudhari Jigneshbhai Hitendrabhai | SNPIT and RC - Umrakh |
| 41 | CHAUDHARI MITUL KUMAR DANSINGBHAI | SNPIT and RC - Umrakh |
| 42 | Pipaliya hemil mansukhbhai | SNPIT and RC - Umrakh |
| 43 | Nirmalkumar Harshadbhai Patel | SNPIT and RC - Umrakh |

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|----|----------------------------------|--|
| 44 | Patel Parthkumar Ranjitbhai | SNPIT and RC - Umrakh |
| 45 | GAMIT VIRALKUMAR NATUBHAI | SNPIT and RC - Umrakh |
| 46 | GAMIT ASHISHKUMAR GOVINDBHAI | SNPIT and RC - Umrakh |
| 47 | Gohil dhruv pareshbhai | MAHAVIR SWAMI COLLAGE OF ENGINEER AND TECHNOLOGY |
| 48 | Naik Neel Hirenbhai | SNPIT and RC - Umrakh |
| 49 | Vishalkumar rajubhai patel | SNPIT and RC - Umrakh |
| 50 | Meet Maisuriya | SNPIT and RC - Umrakh |
| 51 | Siddique Maavia Moinuddin | SNPIT and RC - Umrakh |
| 52 | Patel kunesh pintu | G. P. Navsari |
| 53 | PARTH HARISHBHAI PATEL | G. P. Navsari |
| 54 | Desai virajsinh Ajaysinh | SNPIT and RC - Umrakh |
| 55 | Thakur Sonu umesh | SNPIT and RC - Umrakh |
| 56 | rana krunal umeshbhai | G. P. Navsari |
| 57 | Dhruv rana | G. P. Navsari |
| 58 | MEETKUMAR GIRISHBHAI PATEL | G. P. Navsari |
| 59 | Deepak kundaram | SNPIT and RC - Umrakh |
| 60 | Patel Deepkumar Kantibhai | G. P. Navsari |
| 61 | PATEL RIDHAMKUMAR MUKESHBHAI | G. P. Navsari |
| 62 | Kapure prathamkumar Ashok bhai | G. P. Navsari |
| 63 | PATIL ROHIT SANJAYBHAI | G. P. Navsari |
| 64 | PATEL VRAJ SURESHBHAI | G. P. Navsari |
| 65 | Deepak Subhash waikar | G. P. Navsari |
| 66 | Kundle Omkar Sanjaybhai | G. P. Navsari |
| 67 | Khonde chirag m. | SNPIT and RC - Umrakh |
| 68 | Gajjar Aksh NitinBhai | G. P. Navsari |
| 69 | Kishan Maurya | G. P. Navsari |
| 70 | Jayesh Sunil Pawar | G. P. Navsari |
| 71 | PATEL VAIBHAVKUMAR THAKORBHAI | G. P. Navsari |
| 72 | GAMIT SHAILESHBHAI UKAJIBHAI | SNPIT and RC - Umrakh |
| 73 | Devang Ashok Joshi | G. P. Navsari |
| 74 | Rathva Jashvantbhai Bhavsingbhai | SNPIT and RC - Umrakh |
| 75 | Patel Dishant Mukeshbhai | SNPIT and RC - Umrakh |
| 76 | Patel Yash Rajeshbhai | G. P. Navsari |
| 77 | Pratik rajendrakumar kansara | MAHAVIR SWAMI COLLAGE OF ENGINEER AND TECHNOLOGY |
| 78 | MISTRY SIDDHARTH GHANSHYAM | G. P. Navsari |
| 79 | Champaneri ayush harishkumar | G. P. Navsari |
| 80 | Punit hareshbhai katariya | G. P. Navsari |
| 81 | DAKSH JWALANT INTWALA | GOVERNMENT ENGINEERING COLLEGE, VALSAD |
| 82 | Rahul Nileshkumar Modi | Sarvajanic College of Engineering And Technology , Surat |
| 83 | Kirtan goyal | G. P. Navsari |
| 84 | Patel Brijeshkumar Mahendrakumar | Hansaba college of engineering and technology, sidhpur |
| 85 | Sugam ramu vishvakarma | S. S. Agrawal College, Navsari. |
| 86 | Chavadhari Kiranbhai Shantubhai | S. S. Agrawal College, Navsari. |
| 87 | Tarun Chourasiya | GEC Valsad |
| 88 | Gupta Prashant Ashok | G. P. Navsari |
| 89 | RATHOUR ANILKUMAR NANDRAM | C. U. Shah College of Engineering and Technology |
| 90 | Shahid Allabakash Saiyad | G. P. Navsari |
| 91 | Ahire bhavesh Ramdas | GOVERNMENT ENGINEERING COLLEGE, GODHARA |

| | | |
|-----|-----------------------------------|--|
| 92 | Dhrumit H Parmar | GOVERNMENT ENGINEERING COLLEGE, GODHARA |
| 93 | MORE ROHAN SATISH | GOVERNMENT ENGINEERING COLLEGE, GODHARA |
| 94 | Panchal Nevil Dipakbhai | SNPIT and RC - Umrakh |
| 95 | Keval Dhodiya | S.S Agrawal institute of engineering and technology |
| 96 | Pradeep Singh | GEC Godhra |
| 97 | Ashish Girishbhai Patel | S.S.Agrawal Institute Of Engineering and Technology, Navsari |
| 98 | Dhimmar Harshkumar Balvantbhai | S.S.Agrawal Institute Of Engineering and Technology, Navsari |
| 99 | TEJASKUMAR SUMANBHAI PATEL | SNPIT and RC - Umrakh |
| 100 | VORA KULDEEPBHAI KANTIBHAI | GEC GODHRA |
| 101 | Abhishek Ghanshyam sharma | S.S.Agrawal Institute Of Engineering and Technology, Navsari |
| 102 | Khundha Aadil H. | GEC GODHRA |
| 103 | Raval Daxeshkumar vinubhai | GEC GODHRA |
| 104 | Usadadiya Ruval Ratilal | G. P. Navsari |
| 105 | Tirth Harshadbhai Patel | S.S Agrawal institute of engineering and technology |
| 106 | Sunil sharma | G. P. Navsari |
| 107 | Rakesh S. Lad | SNPIT and RC - Umrakh |
| 108 | BARIA BHAVIN PRAMODKUMAR | GEC GODHRA |
| 109 | MAFAT UZAIR | GEC GODHRA |
| 110 | Ghodadara Tilak DineshBhai | G. P. Navsari |
| 111 | Rathod Raviraj Kanubhai | Government engineering college patan |
| 112 | RAJEEV RAJKUMAR MAHTO | Government polytechnic Dahod |
| 113 | JAY LAVAJIBHAI VAGHELA | Gujarat Power Engineering and Research Institute |
| 114 | Khairnar Prakash Gyaneshvar | SNPIT and RC - Umrakh |
| 115 | KELE SAGAR ANILBHAI | SNPIT and RC - Umrakh |
| 116 | Dahi Rajeshkumar Rathod | SNPIT and RC - Umrakh |
| 117 | Patel Abhi Hitendrakumar | Sal Engineering and Technical Institute, Ahmedabad |
| 118 | Chaudhari Vijubhai Gachhabhai | SNPIT and RC - Umrakh |
| 119 | Parmar Jaydipsinh Arvindbhai | GEC GODHRA |
| 120 | Parmar Manvirsinh Ranjitsinh | GEC GODHRA |
| 121 | Ansari Imran K. | SNPIT and RC - Umrakh |
| 122 | Rana Sanket | GEC GODHRA |
| 123 | Rampariya jaydeep Dharmendrabhai | G. P. Navsari |
| 124 | Sandip Dilipbhai God | Sal Engineering and Technical Institute, Ahmedabad |
| 125 | Gopal Navinbhai Kotak | S.S Agrawal institute of engineering and technology |
| 126 | Priyansh K. Ahir | S.S Agrawal institute of engineering and technology |
| 127 | Gupta Bajrang Manoj | G. P. Navsari |
| 128 | Rupapara sujeet kishorbhai | SNPIT and RC - Umrakh |
| 129 | Nayan A. Pariya | Atmiya institute of technology and science |
| 130 | Chintaman rathod | S.S Agrawal institute of engineering and technology |
| 131 | Vaghela Abhishek Kanubhai | Atmiya institute of technology and science |
| 132 | Chaudhari Pratikbhai rajendrabhai | SNPIT and RC - Umrakh |
| 133 | Shivkumar Bhaveshbhai Panchal | S.S Agrawal institute of engineering and technology |
| 134 | Chirag Babubhai Sankharava | Atmiya institute of technology and science |
| 135 | Shubham parmar h. | Atmiya institute of technology and science |
| 136 | Bhavya Jashavantbhai Vayeda | Atmiya institute of technology and science |
| 137 | Sorathiya Parth sureshbhai | Atmiya institute of technology and science |
| 138 | RAJPUT AKASH RAKESHBHAI | GEC GODHRA |
| 139 | PATEL NIKUNJKUMAR SURESHBHAI | S.S Agrawal institute of engineering and technology |

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|-----|---------------------------------|--|
| 140 | Talati Dhruv Pragneshkumar | Sardar Vallabhbhai Patel Institute Of Technology Vasad |
| 141 | PATEL JAIMIN KALUBHAI | GEC GODHRA |
| 142 | CHAVDA PARINBHAI JIGNESHBHAI | G. P. Navsari |
| 143 | Gusai Bhargav Bhagavanbharthi | Veeraytan Institute of Engineering |
| 144 | CHAUDHARI HIREN GOVINDBHAI | SNPIT and RC - Umrakh |
| 145 | Gamit Arjunbhai Posalyabhai | SNPIT and RC - Umrakh |
| 146 | PAWAR ANIKET KANTILAL | SNPIT and RC - Umrakh |
| 147 | Parmar Deepak Jethabhai | Veeraytan Institute of Engineering |
| 148 | ghanshyam jethi | Veeraytan Institute of Engineering |
| 149 | KACHARA SOHEB YUSUF BHAI | Sal Engineering and Technical Institute, Ahmedabad |
| 150 | Pathar Hemal Jasabhai | Atmiya institute of technology and science |
| 151 | HARSHAD BABUBHAI LAKHANOTRA | GEC Rajkot |
| 152 | Kansagra Vasu Sureshbhai | GEC Rajkot |
| 153 | VACHHANI HARSH RAMESHBHAI | GEC Rajkot |
| 154 | Nipul C. Rana | N.G.Patel Polytechnic, Bardoli |
| 155 | Kshitij parmar | GEC Rajkot |
| 156 | Malaviya Chirag Jayantibhai | GEC Rajkot |
| 157 | GAMIT JAYMEETKUMAR JITENDRABHAI | SNPIT and RC - Umrakh |
| 158 | Shubham Waghmare | Sanjaybhai Rajguru college of Engineering, Rajkot |
| 159 | Maheta Jigar Sanjaybhai | Atmiya institute of technology and science, Rajkot |
| 160 | Mistry bhavik Manojbhai | G. P. Navsari |
| 161 | Buchiya Vishal Arvindbhai | GEC Rajkot |
| 162 | RANA SAMIR KIRITKUMAR | S.S Agrawal institute of engineering and technology |
| 163 | YASHPAL K PARMAR | GEC Rajkot |
| 164 | GOR MAHEK HARESH BHAI | Veeraytan Institute of Engineering |
| 165 | Harsh arvindbhai patel | S.S Agrawal institute of engineering and technology |
| 166 | Patil parth sunilbhai | SNPIT and RC - Umrakh |
| 167 | CHAUHAN BHARGAV JAYESHKUMAR | GEC Bhuj |
| 168 | Soni dhairyaa deepakbhai | Veeraytan Institute of Engineering |
| 169 | Kushwaha tejpratap suryanarayan | GUJARAT POWER ENGINEERING AND RESEARCH INSTITUTE |
| 170 | Parikh smit chetanbhai | SNPIT and RC - Umrakh |
| 171 | Ahir Aniket Valjibhai | SNPIT and RC - Umrakh |
| 172 | RATHVA VIKASH G. | GEC Bhuj |
| 173 | NIRANJANBHAI RAJENDRABHAI GAMIT | SNPIT and RC - Umrakh |
| 174 | Nikhil Tripathi | LD College of Engineering, Ahmedabad |
| 175 | Gamit Ankitkumar Anilbhai | SNPIT and RC - Umrakh |
| 176 | ARPITBHAI NAVINBHAI | SNPIT and RC - Umrakh |
| 177 | NISHIT TAYWADE | GEC GODHRA |
| 178 | Patel Krushang Jitendra | Sarvajanic College of Engineering & Technology, Surat |
| 179 | KHUSHAL HARILALBHAI SATHWARA | LD College of Engineering, Ahmedabad |
| 180 | Twinkle Babubhai Chaudhari | SNPIT and RC - Umrakh |
| 181 | Dhruvalkumar jayeshbhai Patel | GEC GODHRA |
| 182 | Chauhan Hiteshkumar Subhaksinh | GEC GODHRA |
| 183 | Patel Dixit Kiranbhai | GP Navsari |
| 184 | SAVARIYA BHAVESHKUMAR R. | GEC Dahod |
| 185 | VIVEKRAJ MAHENDRASINH SOLANKI | Dr.S&S.S Ghandhy Government Engineering Collage |
| 186 | Jayveersinh Solanki | Dr.S&S.S Ghandhy Government Engineering Collage |
| 187 | Thate Ajay | Dr.S&S.S Ghandhy Government Engineering Collage |
| 188 | Shivam Parmar Maheshbhai | Dr.S&S.S Ghandhy Government Engineering Collage |
| 189 | SHEKH AADIL | GEC Bhuj |

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| 190 | ZALAVADIYA JAY ASHOKBHAI | SHANTILAL SHAH ENGINEERING COLLEGE, BHAVNAGAR |
| 191 | Dev Shrivastav | Dr.S&S.S Ghandhy Government Engineering Collage |
| 192 | MAYURKUMAR VASANTBHAI PATEL | Dr.S&S.S Ghandhy Government Engineering Collage |
| 193 | GAMIT BHAVNESHBHAI PRAKASHBHAI | ARRDEKTA INSTITUTE OF TECHNOLOGY, KHEDBRAHMA |
| 194 | Bhimda Martinbhai Jayantibhai | SNPIT and RC - Umrakh |
| 195 | Ghanchi mahammad anis aiyub bhai | GEC GODHRA |
| 196 | PATEL ATISHKUMAR LAXMANBHAI | SNPIT and RC - Umrakh |
| 197 | GAMIT SWAPNILBHAI SUNILBHAI | SNPIT and RC - Umrakh |
| 198 | Maturkar Priyesh Dineshbhai | SNPIT and RC - Umrakh |
| 199 | Ratho Ankitbhai Arunbhai | SNPIT and RC - Umrakh |