



**S.P.B. PATEL  
ENGINEERING COLLEGE**  
SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS

Near Shanku's Water Park,  
Ahmedabad – Mehsana Highway,  
Linch, Mehsana – 384435  
Email: info@saffrony.ac.in  
Web: www.saffrony.ac.in  
Phone : (02762) 285721



**CYCLE 1  
NAAC Accreditation 2023**

# ACADEMIC YEAR 2018-19

*Submitted to*



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**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

# S.P.B. PATEL ENGINEERING COLLEGE

## SUPPORTING DOCUMENTS

**1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years**

Name of Certificate/ Value added course	Course Code (if any)	Year of offering/study	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
<b>2018-19</b>						
Name of Certificate/ Value added course	Course Code (if any)	Year of offering/study	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Introduction to Remote Sensing	noc19-ce08	2018-2019	Jan - Feb 2019	4 Weeks	12	12
Professional Life Skill Development	NA	2018-2019	July 18 - December 18	56 Hours	180	180
Data Base Management Systems	noc18-cs36	2018-2019	Aug - Sept 2018	8 Weeks	1	1
Engineering Ethics and Professional Responsibility	NA	2018-2019	Jan-19	33 Hours	114	114
ENTREPRENEURSHIP AND INNOVATION COURSE	NA	2018-2019	Mar-19	35 Hours	133	133

# S.P.B. Patel Engineering College

## NOTICE

**Date: 1<sup>st</sup> January 2019**

All Degree Engineering students and faculty members are hereby informed that the Institute has started a local chapter in association with NPTEL.

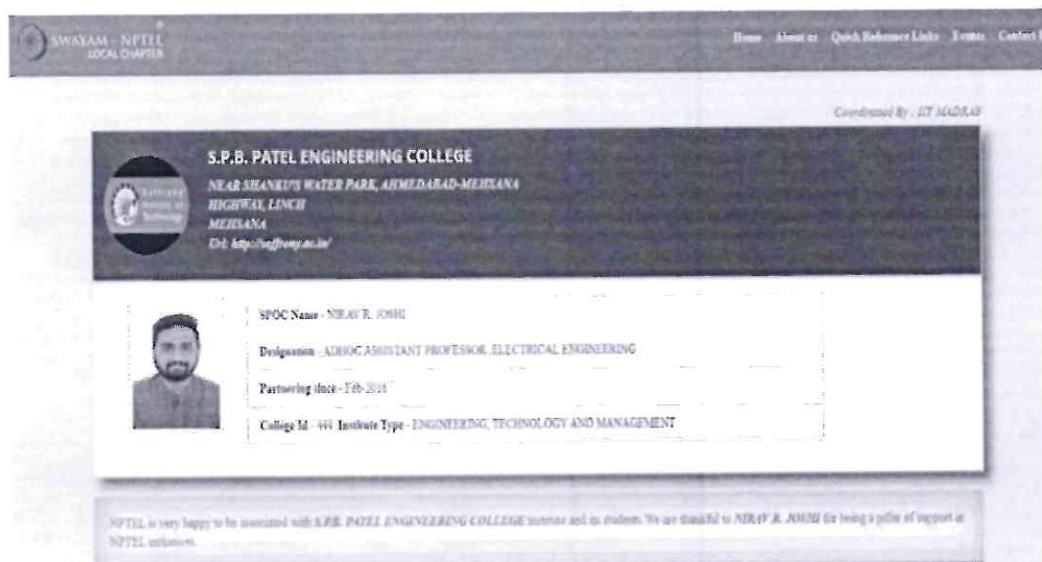
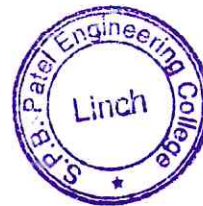
All are requested to take advantage of this course and enroll in the course of your interest.

If you have any queries related to NPTEL Programs, please contact Prof. Nirav Joshi, the resource person for NPTEL.

**Principal**

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The screenshot shows the NPTEL Local Chapter website for S.P.B. Patel Engineering College. The header includes the NPTEL logo and the text 'SWAYAM - NPTEL LOCAL CHAPTER'. The main content area features the college's name, address (Near Shanku's Water Park, Ahmedabad-Mehsana Highway, Linch, Mehsana), and website URL (http://www.speec.ac.in/). A profile card for the SPOC, Nirav R. Joshi, is displayed, including his designation as Adhoc Assistant Professor, Electrical Engineering, and the start date of the partnership in February 2017. The college is identified as an IIT Institute Type - Engineering, Technology and Management. A footer message expresses NPTEL's happiness to be associated with the college and thanks Prof. Nirav R. Joshi for his support.

SERIAL NO:



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KALARIYA VIVEK RAJESHKUMAR**

for successfully completing the course

## Introduction to Remote Sensing

with a consolidated score of **52** %

Online Assignments	20.83/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **887**

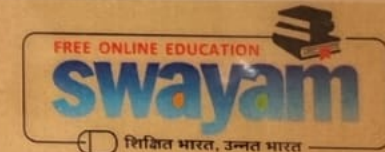
Prof. B. K. Gandhi

Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Feb 2019  
(4 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL19CE08S11020261

To validate and check scores: <http://nptel.ac.in/noc>



Roll No: NPTEL19CE08S11020003

To  
PATEL JEETKUMAR JAYANTILAL  
GANPATI PARU, NEAR KHARAKUVA, TUNDAV, UNJHA  
TUNDAV  
MEHSANA  
GUJARAT  
384170  
PH. NO : 8734872537

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



No. of credits recommended by NPTEL:1



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PATEL JEETKUMAR JAYANTILAL**

for successfully completing the course

## Introduction to Remote Sensing

with a consolidated score of **56** %

Online Assignments	23.33/25	Proctored Exam	33/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **887**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Feb 2019  
(4 week course)



Indian Institute of Technology Roorkee





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**NEEL ASODARIYA**

for successfully completing the course

## Introduction to Remote Sensing

with a consolidated score of **58** %

Online Assignments	23.33/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **887**

**Prof. B. K. Gandhi**

Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Feb 2019  
(4 week course)



Alta Digital

15.06.17

TRUE COPY

**B.V. BRAHMHATT**  
NOTARY  
(KARNATAKA, INDIA)  
BANGALORE DIST. MYSURU



Indian Institute of Technology Roorkee



Refikar Shiksha, Swachh Shiksha



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

**PRAJAPATI ASHISH .C**

for successfully completing the course

## Introduction to Remote Sensing

with a consolidated score of **55** %

Online Assignments	23.33/25	Proctored Exam	31.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **887**

**Prof. B. K. Gandhi**

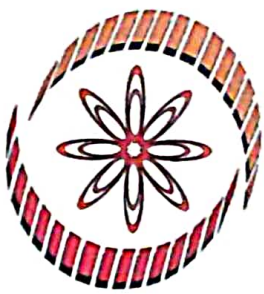
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Feb 2019  
(4 week course)



Indian Institute of Technology Roorkee





**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**AISHWARYA MAKWANA**

for successfully completing the course

## Introduction to Remote Sensing

with a consolidated score of **65** %

Online Assignments	23.33/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **887**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Feb 2019  
(4 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL19CE08S1 1020253

To validate and check scores: <http://nptel.ac.in/noc>





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DEEP PARESHKUMAR BHAVSAR**

for successfully completing the course

## Introduction to Remote Sensing

with a consolidated score of **65** %

Online Assignments	22.50/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **887**

Prof. B. K. Gandhi  
Coordinator, Continuing Education Centre  
NPTEL Coordinator, IIT Roorkee

Jan-Feb 2019  
(4 week course)



Indian Institute of Technology Roorkee



Roll No: NPTEL19CE08S11020201

To validate and check scores: <http://nptel.ac.in/noc>

## **S.P.B. Patel Engineering College**

### **NOTICE**

**Date: 26th June 2018**

All students of the Degree Engineering 2015 Batch are hereby informed that, to minimize the gap between academia and industry, the Institute is going to organize a Professional & Life Skill Development Course between July 2018 and December 2018.

Principal

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## **Professional and Life Skills Development (PLSD) Program**

**Year:** 2018-2019

**Period:** July 2018 - December 2018

**Duration:** 56 Hours

**Students Enrolled:** 180

### **Introduction:**

Saffrony recognizes the importance of both technical expertise and soft skills in shaping successful careers. In response, we developed the Professional and Life Skills Development (PLSD) program, a comprehensive two-year initiative aimed at equipping students with essential skills for personal growth and professional success.

### **Activities Undertaken:**

1. Orientation Week: Introduced students to core concepts of Personal and Life Skills Development, emphasizing the significance of academic journey and career opportunities.
2. Teamwork and Leadership Module: Focused on fostering effective collaboration and interpersonal skills through team discussions and project-based learning.
3. Art of Understanding Others: Provided insights into empathy and active listening, essential for navigating diverse interpersonal relationships.
4. Stress and Anger Management: Equipped students with techniques to manage stress and channel anger constructively.
5. Communication Skills Workshops: Covered professional and email etiquette, behavioral writing, and effective communication techniques.
6. Personality and Employability Assessments: Conducted assessments to identify strengths and areas for development, followed by personalized counseling sessions.

7. Project and Time Management Training: Provided practical skills in project and time management to enhance organizational abilities.
8. CV Preparation and Interview Skills Development: Offered support in CV writing, interview preparation, and personalized counselling to enhance employability.

### **Conclusion:**

The PLSD program at Saffrony in the academic year 2018-2019 encompassed a wide range of activities aimed at holistic student development. Through a personalized approach to learning and diverse teaching techniques, students were empowered with essential life and professional skills, preparing them for success in both personal and professional spheres.

### **Photographs:**







S.P.B. PATEL  
ENGINEERING COLLEGE  
SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS



*W. Patel*





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**Sankalp Gupta**

for successfully completing the course

**Data Base Management Systems**

with a consolidated score of **73 %**

Online Assignments	22.00/25	Proctored Exam	51/75
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Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Total number of candidates certified in this course: **3734**

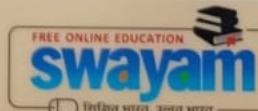
Aug-Sep 2018  
(8 week course)

A. Goswami

Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL18CS36S11020175

To validate and check scores: <http://nptel.ac.in/noc>

## **S.P.B. Patel Engineering College**

### **NOTICE**

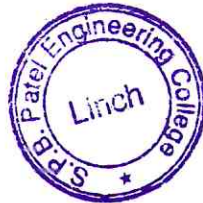
**Date: 1st January 2019**

All Degree Engineering students are hereby informed that the Institute is going to organize a course on Engineering Ethics and Professional Responsibility in January 2019. Interested students should provide their names to their respective departments.

Principal

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January 2019

# Workshop on

Engineering Ethics and Professional  
Responsibility

**Conducted by:**

S.P.B. Patel Engineering College



**S.P.B. PATEL  
ENGINEERING COLLEGE**  
SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS

## Report on

### The Engineering Ethics and Professional Responsibility workshop

#### S.P.B. Patel Engineering College

Saffrony Institute organised a value added course which unfolded through a structured and interactive format, providing a comprehensive learning experience for the participating students. Here's an overview of how the workshop took place:

#### **Introduction:**

In January 2019, the Saffrony Institute of Technology organized a comprehensive workshop titled "Engineering Ethics and Professional Responsibility," dedicated to cultivating a profound grasp of ethical principles among engineering professionals. Spanning over 33 hours, this workshop garnered enthusiastic engagement from 114 students. Dr. Shailesh Patel, an esteemed expert in the field, led the session, bringing his wealth of knowledge and experience to enrich the learning experience for all participants.

#### **Workshop Structure:**

##### 1. Introduction and Orientation:

- The workshop commenced with an introduction, setting the stage for the significance of ethical conduct in the engineering profession.
- Students were oriented to the objectives, emphasizing the real-world impact of engineering decisions on society.

##### 2. Theoretical Framework:

- Theoretical sessions delved into the definition and importance of engineering ethics, establishing a foundation for ethical principles.
- Concepts such as the engineering code of ethics, its purpose, and key principles were covered.

##### 3. Case Studies and Real-life Examples:

- Practical applications were emphasized through case studies and real-life examples, illustrating the consequences of ethical and unethical engineering decisions.
- Analysis of historical cases and contemporary scenarios provided context for ethical decision-making.

##### 4. Interactive Discussions:

- Interactive discussions were encouraged, allowing students to express their views on ethical dilemmas and engage in peer-to-peer learning.
- Facilitators guided discussions to ensure a deeper understanding of ethical considerations in various engineering contexts.

#### 5. Guest Speakers:

- Industry professionals or guest speakers from engineering societies like NSPE, IEEE, or ASME may have been invited to share practical insights and experiences.
- Q&A sessions with guest speakers facilitated direct interaction between students and seasoned professionals.

#### 6. Group Activities and Workshops:

- Group activities and workshops were conducted, encouraging collaborative problem-solving and application of ethical principles to hypothetical scenarios.
- Practical exercises aimed to simulate real-world challenges engineers might face in their careers.

#### 7. Ethics in Engineering Practice:

- Workshops specifically focused on the practical application of ethical principles in everyday engineering practice.
- Scenarios related to project management, client interactions, and workplace dynamics were explored.

#### 8. Feedback and Reflection:

- Periodic feedback sessions allowed students to reflect on their understanding of ethical concepts and receive guidance from facilitators.
- The iterative nature of the workshop fostered continuous improvement.

#### 9. Conclusion and Closing Remarks:

- The workshop concluded with a recapitulation of key takeaways and a call to action for students to incorporate ethical principles in their future careers.
- Closing remarks emphasized the ongoing commitment to ethical conduct as a fundamental aspect of the engineering profession.

#### **Key Takeaways:**

Students in the Engineering Ethics and Professional Responsibility workshop gained insights that are crucial for their future careers

In essence, they learned to:

- Embrace a profound sense of responsibility to uphold ethical standards as engineers.

- Prioritize the safety, health, and welfare of the public in all engineering activities.
- Follow and uphold engineering codes of ethics, emphasizing honesty, integrity, and responsibility.
- Perform services only in areas of competence, emphasizing continuous learning and skill development.
- Communicate objectively and truthfully in public statements and professional interactions.
- Act as faithful agents or trustees, maintaining confidentiality and avoiding conflicts of interest.
- Commit to avoiding deceptive acts, fostering trust and transparency in the profession.
- Embrace honesty and integrity in dealings with clients, employers, and the public.
- Recognize the role of ethical conduct in building public confidence and trust.
- Commit to lifelong learning, staying updated on evolving ethical standards and industry practices.
- Cultivate the ability to make ethical decisions in uncertain situations, aligning choices with moral values.
- Advocate for ethical principles within the profession and educate the public about engineering responsibilities.

These takeaways empower students with a strong ethical foundation for navigating the complexities of the engineering profession with integrity and responsibility.

**Overall Impact:**

The workshop, conducted over 32 hours (2 lectures a week) in January 2019, successfully engaged 114 students in a dynamic learning process. Through a combination of theoretical insights, practical applications, and interactive elements, the workshop aimed to instill a strong ethical foundation in aspiring engineers, preparing them for the challenges and responsibilities of their future careers.

Photographs:



## ATTENDANCE SHEET OF STUDENTS

### List of the Students Participated:

Sr.No	BR_NAME	Enrolment number	Name
1	AUTOMOBILE ENGINEERING	150390102009	PARMAR PARIKSHIT NAYANJI
2	AUTOMOBILE ENGINEERING	150390102019	RAVAL HARSH JAYESHKUMAR
3	AUTOMOBILE ENGINEERING	150390102020	RAVAL MANISHKUMAR RAMESHBHAI
4	CIVIL ENGINEERING	150390106001	BADGUJAR YOGESH
5	CIVIL ENGINEERING	150390106008	KATRODIYA DHRUVIT DHIRUBHAI
6	CIVIL ENGINEERING	150390106009	MANSURI MOHAMMADZUBER DEENMOHAMMAD
7	CIVIL ENGINEERING	150390106010	PATEL DHRUVILKUMAR RAJESHBHAI
8	CIVIL ENGINEERING	150390106011	PATEL JAIMIN DASHRATHBHAI
9	CIVIL ENGINEERING	150390106013	PATEL MITKUMAR DILIPBHAI
10	CIVIL ENGINEERING	150390106014	PATEL POOJAN VISHNUBHAI
11	CIVIL ENGINEERING	150390106019	PRAJAPATI DHAVALKUMAR GANPATBHAI
12	CIVIL ENGINEERING	150390106020	PRAJAPATI HITESHKUMAR DUDHABHAI
13	CIVIL ENGINEERING	150390106023	VARDHMAN
14	COMPUTER ENGINEERING	150390107001	ABHISHEK KUMAR PANDEY
15	COMPUTER ENGINEERING	150390107012	PINAKIN PRABHAKAR
16	COMPUTER ENGINEERING	150390107013	RAJAT PATEL
17	COMPUTER ENGINEERING	150390107014	RAJVANI HIRENKUMAR FATEHCHAND
18	COMPUTER ENGINEERING	150390107015	SHUKAL URVASHIBEN HARESHBHAI
19	COMPUTER ENGINEERING	150390107016	SOURABH SANJAY RUPANI
20	COMPUTER ENGINEERING	150390107017	VASVANI BHAVESH GIRISHBHAI
21	COMPUTER ENGINEERING	150390107018	VERMA MAYANK MANOJKUMAR
22	ELECTRICAL ENGINEERING	150390109001	PARMAR SANJIV ISHWARBHAI
23	ELECTRICAL ENGINEERING	150390109003	PATEL JAYKUMAR NAGJIBHAI
24	INFORMATION TECHNOLOGY	150390116001	CHAUHAN MAYURRAJ
25	INFORMATION TECHNOLOGY	150390116003	DIGHE IVANSHU MUKESHKUMAR
26	INFORMATION TECHNOLOGY	150390116004	GAJIPARA MAULIK PARASOTAMBHAI
27	INFORMATION TECHNOLOGY	150390116005	PATEL KAJALBEN NATVARBHAI
28	INFORMATION TECHNOLOGY	150390116006	MANDAL KAUSHIK KARTIKBHAI
29	INFORMATION TECHNOLOGY	150390116008	PARIKH PURVESH RAJENDRABHAI
30	INFORMATION TECHNOLOGY	150390116009	GOSWAMI PARTH DINESHKUMAR
31	INFORMATION TECHNOLOGY	150390116011	PATEL CHINTANKUMAR LABHUBHAI
32	INFORMATION TECHNOLOGY	150390116013	PATEL MAUSAM VASANTKUMAR
33	INFORMATION TECHNOLOGY	150390116015	PATEL ZEEL HARSHADBHAI
34	INFORMATION TECHNOLOGY	150390116016	SANANDWALA MUHAMMAD MUHAMMAD ZUBER
35	INFORMATION TECHNOLOGY	150390116017	THEVAR PRASHANT RAJESH
36	INFORMATION TECHNOLOGY	150390116018	TILANI NAVIN

Sr.No	BR_NAME	Enrolment number	Name
37	MECHANICAL ENGINEERING	150390119001	ABHISHEK BHAMA
38	MECHANICAL ENGINEERING	150390119002	BALAR PARTH PARESHBHAI
39	MECHANICAL ENGINEERING	150390119003	BARMAN KISHAN DULAL
40	MECHANICAL ENGINEERING	150390119007	DAVE MADHAV
41	MECHANICAL ENGINEERING	150390119008	DEELWAL RAVIPRAKASH RAMKISHAN
42	MECHANICAL ENGINEERING	150390119010	HARSH KAMLESH BHATT
43	MECHANICAL ENGINEERING	150390119013	LUHAR LAPRIT
44	MECHANICAL ENGINEERING	150390119014	NIKUNJ KALAL
45	MECHANICAL ENGINEERING	150390119023	PATEL DARSHANKUMAR PRAHALADBHAI
46	MECHANICAL ENGINEERING	150390119025	PATEL HARNISH RAMCHANDRABHAI
47	MECHANICAL ENGINEERING	150390119026	PATEL HARSH MAHENDRAKUMAR
48	MECHANICAL ENGINEERING	150390119027	PATEL JAIMINKUMAR BIPINKUMAR
49	MECHANICAL ENGINEERING	150390119028	PATEL JEETKUMAR
50	MECHANICAL ENGINEERING	150390119032	PATEL RAVI DWARKABHAI
51	MECHANICAL ENGINEERING	150390119033	PATEL RAVI RAKESHBHAI
52	MECHANICAL ENGINEERING	150390119034	PATEL ROMY KANAIYALAL
53	MECHANICAL ENGINEERING	150390119035	PATEL RUSHABH CHANDRAKANTBHAI
54	MECHANICAL ENGINEERING	150390119037	PATEL TEJASKUMAR VASUDEV
55	MECHANICAL ENGINEERING	150390119038	PATEL UMANG VISHNUBHAI
56	MECHANICAL ENGINEERING	150390119039	PATEL YASH BHARATBHAI
57	AUTOMOBILE ENGINEERING	130390102012	KHILJI MOHMMADAFARAD FARIDKHAN
58	AUTOMOBILE ENGINEERING	130390102019	PARMAR VISHALKUMAR PRAVINBHAI
59	COMPUTER ENGINEERING	130390107033	SATHAVARA JAIMIN PRAVINKUMAR
60	ELECTRICAL ENGINEERING	130390109021	PATEL DHRUPALKUMAR BIPINCHANDRA
61	ELECTRICAL ENGINEERING	130390109037	PATEL NIRAVKUMAR VISHNUBHAI
62	INFORMATION TECHNOLOGY	130390116033	SOLANKI HARDIK NATVARBHAI
63	MECHANICAL ENGINEERING	130390119072	PATEL MAULIK BABULAL
64	MECHANICAL ENGINEERING	130390119092	PATEL YASHKUMAR RAMESHBHAI
65	AUTOMOBILE ENGINEERING	140390102031	PATEL JAYKUMAR BIPINCHANDRA
66	AUTOMOBILE ENGINEERING	140390102038	PATEL MAULIKKUMAR VIRABHAI
67	CIVIL ENGINEERING	140390106010	SUKHADIYA DEEPKUMAR MINESHKUMAR
68	CIVIL ENGINEERING	140390106012	MANSURI ARMANBHAI
69	CIVIL ENGINEERING	140390106020	PARMAR HARESHBHAI BHIKHABHAI
70	CIVIL ENGINEERING	140390106024	PATEL DIXITKUMAR BHARATBHAI
71	CIVIL ENGINEERING	140390106030	PATEL JAYMINKUMAR BALDEVBHAI
72	CIVIL ENGINEERING	140390106052	PRAJAPATI SAGARKUMAR PRAVINBHAI
73	COMPUTER ENGINEERING	140390107002	ADITYA PANDEY
74	COMPUTER ENGINEERING	140390107006	BHATT KEYUR DILIPBHAI
75	COMPUTER ENGINEERING	140390107030	PRAJAPATI URMIKKUMAR BHARATBHAI
76	ELECTRICAL ENGINEERING	140390109017	PATEL PALAKKUMAR HASMUKHBHAI
77	ELECTRICAL ENGINEERING	140390109023	PRAJAPATI RAVIKUMAR RAMESHBHAI
78	INFORMATION TECHNOLOGY	140390116011	RAVAL YASH HARSHADBHAI
79	INFORMATION TECHNOLOGY	140390116013	SHAH MADHAVIBEN KETANKUMAR
80	MECHANICAL ENGINEERING	140390119017	KHADALA ANANDKUMAR RAMESHBHAI

Sr.No	BR_NAME	Enrolment number	Name
81	MECHANICAL ENGINEERING	140390119022	MODH MALAYKUMAR
82	MECHANICAL ENGINEERING	140390119060	PATEL JAIMIK HARSHADBHAI
83	MECHANICAL ENGINEERING	140390119085	PATEL RUCHIT ASHOKBHAI
84	MECHANICAL ENGINEERING	140390119088	PATEL SACHEEN VISHHNUBHAI
85	MECHANICAL ENGINEERING	140390119105	PRAJAPATI SIDDHARTH RAMESHBHAI
86	MECHANICAL ENGINEERING	140390119125	VAISHNAV DEVANSH MUKESHBHAI
87	MECHANICAL ENGINEERING	140390119129	YADAV AVINASH ASHOK
88	AUTOMOBILE ENGINEERING	140393102005	VANIYA ANANTKUMAR CHIMANLAL
89	CIVIL ENGINEERING	140394106001	JADAV PRADIP
90	AUTOMOBILE ENGINEERING	160393102001	CHAUDHARY PAVAN VINODBHAI
91	AUTOMOBILE ENGINEERING	160393102002	DARAJI HIREN LALJIBHAI
92	AUTOMOBILE ENGINEERING	160393102006	MAKWANA RAJ BHARATBHAI
93	AUTOMOBILE ENGINEERING	160393102009	PATEL HARDIKKUMAR KALPESHBHAI
94	AUTOMOBILE ENGINEERING	160393102012	RAJPUT DARSHANSINH BHARATSINH
95	AUTOMOBILE ENGINEERING	160393102013	SHAH SAHIL BHADRESHKUMAR
96	AUTOMOBILE ENGINEERING	160393102014	SHRIDAYAL DHAVAL MANOJKUMAR
97	CIVIL ENGINEERING	160393106001	MAKWANA VARUNBHAI LABHUBHAI
98	ELECTRICAL ENGINEERING	160393109001	CHAVADA ANKITKUMAR ARVINDBHAI
99	ELECTRICAL ENGINEERING	160393109002	RAHUL RAWAT
100	INFORMATION TECHNOLOGY	160393116001	JOSHI DHRUV MANSUKHBHAI
101	INFORMATION TECHNOLOGY	160393116003	TALAVIA SUNNY RAJESHBHAI
102	INFORMATION TECHNOLOGY	160393116004	TRIVEDI OMKAR YOGESHBHAI
103	MECHANICAL ENGINEERING	160393119001	BAROT VYOM VIPULBHAI
104	MECHANICAL ENGINEERING	160393119002	MALEK SHAHBAJ HUSENKHAN
105	MECHANICAL ENGINEERING	160393119003	PATEL MANOJKUMAR RASIKBHAI
106	MECHANICAL ENGINEERING	160393119004	RANA DHARMESH JITENDRAKUMAR
107	MECHANICAL ENGINEERING	160393119005	RAVAL MEHULKUMAR RAJESHBHAI
108	MECHANICAL ENGINEERING	160393119006	SHAH NIL CHETANKUMAR
109	MECHANICAL ENGINEERING	160393119007	SUNARIYA GAURAV ARVINDBHAI
110	MECHANICAL ENGINEERING	160393119008	SUTHAR RAVI BALDEVBHAI
111	MECHANICAL ENGINEERING	160393119009	THAKKAR SHIVAM BHUPENDRABHAI
112	MECHANICAL ENGINEERING	150390119040	PATEL YASH SANJAYKUMAR
113	MECHANICAL ENGINEERING	150390119042	RAI HEMANTKUMAR SHYAMBAHADUR
114	MECHANICAL ENGINEERING	150390119044	RAJPUT SEDHABHAI KALABHAI



## **COURSE ARCHITECTURE:**

### **Engineering ethics**

#### **What is it and why is it important**

Engineers are entrusted with the task of working on projects that impact our daily lives. Whether it is engineering a bridge, designing an aircraft, building a power plant, or managing engineering teams, engineers have the power to shape the world around us.

Engineers are also involved with finding innovative ways to raise crop, fruit, and vegetable yields while reducing the risk of food-borne illnesses. As you can see, consumers rely heavily on engineers to deliver them with safe and dependable goods and services.

There is no room for mistake or dishonesty in engineering!

Professional societies like engineering and medical, have their own set of rules and established code of ethics that govern the ethical conduct of their members. In this blog post, we'll discuss what engineering ethics are and why they're important for engineers.

#### **Engineering Ethics**

Engineering is a very important and learned profession. The practitioners of this occupation are expected to exhibit high integrity and honesty in their tasks, placing the public's interests and welfare above all else.

To have a better understanding of engineering ethics, let's start by defining Ethics or personal ethics.

#### **What are ethics?**

Ethics is a branch of knowledge that deals with moral principles. Ethics refers to the study of morality and the moral choices that we all have to make in our lives.

#### **What are engineering ethics?**

**“Engineering ethics is the field of system of moral principles that apply to the practice of engineering. The field examines and sets the obligations by engineers to society, to their clients, and to the profession.”**

The definition above suggests that engineering ethics is a social responsibility taken by engineering professionals to ensure the welfare of the public.

Moreover, engineering ethics emphasizes that engineers shall not promote their own interests at the expense of the dignity and integrity of the profession. It's about doing what's right for other people, ensuring their safety and welfare.

That's why professional engineering organizations like the NSPE (National Society of Professional Engineers), IEEE (Institute of Electrical and Electronics Engineers), and ASME (American Society of Mechanical Engineers) have established longstanding rules, standards, and policies to govern the behavior of their members.

These standards, rules, and policies that define ethical behavior comprise the Engineering Codes of Ethics. Let's define the Engineering Code of Ethics in more detail.

### **What is the engineering code of ethics?**

#### Engineering code of ethics

An engineering code of ethics (or engineering code of professional ethics) is a set of principles that establishes professional conduct and moral guidelines that professional engineers are obligated to follow. These principles require engineers to protect public safety, put the interests of clients and employers ahead of their own, and conduct themselves in an honest and ethical manner at all times. Engineering codes of ethics help foster public trust in the engineering profession which allows engineers to innovate and develop new technologies to improve our modern society.

#### **General Principles**

The basic concepts of the codes of ethics are mostly similar across engineering organizations around the world, which further extends the code and provides additional advice. The following is an example from the National Society of Professional Engineers (NSPE):

Engineers, in the fulfillment of their professional duties, shall:

1. Hold paramount the safety, health, and welfare of the public.
2. Perform services only in areas of their competence.
3. Issue public statements only in an objective and truthful manner.
4. Act for each employer or client as faithful agents or trustees.
5. Avoid deceptive acts.
6. Conduct themselves honorably, responsibly, ethically, and lawfully so as to enhance the honor, reputation, and usefulness of the profession.

## **Why are engineering codes of ethics important?**

“An incompetent and unethical surgeon could cause at most the death of one man at one time on the operating table, whereas an incompetent and unethical engineer could cause the deaths of hundreds of people at one time. If an unethical engineer, in order to save money, designs a bridge or a part for an airplane that does not meet the safety requirements, hundreds of people’s lives are at risk!” – [Engineering Fundamentals: An Introduction to Engineering](#), Saeed Moaveni

Teaching engineering ethics and professional behavior as a part of engineering education is required in some schools. In fact, most engineering curriculums require engineering students to take at least two credits of ethics education during their engineering programs.

Furthermore, in engineering practice, there are several reasons why engineering ethics is so crucial. Maintaining safety, honesty, and integrity are just a few of them.

### **1. Maintaining Public Safety**

One of the key reasons why engineering ethics is so important is because engineers are responsible for maintaining public safety. If they do not abide by the engineering code of ethics, they could potentially put people’s lives at risk.

Engineers who adhere to a professional code of ethics promise that when performing their task, they will put the safety of society members first. It implies that engineers will employ standard and approved materials, as well as standard engineering methods throughout their careers.

### **2. Integrity and Honesty**

Honesty and integrity are two of the most important values that engineers must uphold. The engineering code of professional ethics demands that engineers be honest in all their dealings, both with the clients and employers, as well as the public.

Engineers must follow an ethical code of conduct to ensure that they are honest in all their transactions. And they must also maintain the integrity of the engineering profession by not engaging in any fraudulent or deceptive activities.

When engineers keep to the code of ethics, even when faced with a problem or other distractions in their work, they will remain honest.

### **3. Promotes Public Confidence and Trust in the Profession**

Engineering ethics codes of conduct should be acknowledged as a significant component of the engineering field since they assist to build public confidence in engineers by demonstrating that they are ethical individuals who will do what is right even if no one is watching.

It also allows others in related industries, such as construction, manufacturing, software development, and so on, to know that they have someone on their side when it comes to safety or quality standards.

Without these standards in place, each engineer would have to create his or her own set of standards, which might lead to issues such as not knowing what is considered acceptable behavior and how significant design specifications should be determined without first consulting relevant stakeholders.

#### **4. Protects Clients and Employers from Harm**

The engineering codes of ethics want engineers to protect the privacy of their clients and ensure that personal information is kept secure. They should not reveal any information about the client, such as their name, age, gender, or location as well as information regarding the project.

Similarly, the engineer should not discuss their employer's information unless specifically permitted to do so.

#### **5. Promotes Ethical Decision-making in Circumstances of Uncertainty**

Engineers, like all individuals, face challenges, dilemmas, and moral issues in their line of duty. Engineers are guided in their difficult judgments by a code of ethics, which ensures that they select what is morally correct. They layout a bright line for what decision is moral and promotes social welfare rather than self-interest to protect moral values.

### **Engineering Codes of Ethics By Professional Societies**

- [Professional Engineers](#): Code for registered professional engineers.
- [Civil Engineering](#): Code of ethics for civil engineers
- [Mechanical Engineers](#): Code of ethics geared towards all engineers. The American Society of Mechanical Engineers provides an interpretation of the codes for mechanical engineers.
- [Electrical Engineers](#): Code of ethics applicable to engineers of all disciplines and particularly electrical engineering.
- [Energy Engineers](#): Codes of ethics applicable to energy engineers and energy managers.
- [Chemical Engineers](#): Code of ethics for chemical engineers.
- [Software Engineering Code of Ethics](#): A brief copy of the software engineering code of ethics for software engineers

- [Naval Engineers](#): Code of ethics for Naval engineers by the American Society of Naval Engineers.

### **Bottom-line**

The engineering profession has developed various codes of practice and ethical standards over time; these help engineering professionals make ethical decisions and express professional behavior while performing their engineering tasks.

These engineering codes of ethics set out the principles governing truthful acts while engineering projects are on course or when acting as engineering professionals.

### **Professional Conduct in the Work Environment**

Employees are required to act with utmost integrity and maintain high levels of **professionalism** in their work environment. The other important elements are complying with the written laws and regulations as well as internal policies like treating peers, customers and the public in an ethical manner. On the whole, the policy governing work environment will encompass the following components:

- Safety
- Equal opportunity
- Violence
- Discrimination and harassment
- Misconduct

### **Conflict of Interest**

Since individual actions and the integrity of the workers can define a company's reputation, workers should desist from engaging in acts that injure or may injure their ability to make fair and objective rulings. The codes governing conduct are normally anchored on the following interests:

- Employee political interest
- Corporate asset contribution
- Insider trading
- Major financial interest in other firms, including competitors

### **Protecting Company Assets**

Employees are legally bound to protect the company assets, whether digital, electronic or physical properties. The code of conduct governing the protection of company assets will incorporate the following components:

- The security of the facility
- Preparation, maintenance and disclosure of accurate records
- Security of information
- The use of company properties and the properties owned by others
- Intellectual property protection
- Protection of information technology, communication systems and external communications

### **Anti-Bribery and Corruption**

A company needs to maintain high levels of integrity in order to enhance its reputation and maintain high levels of trust. Employees can support the push by working honestly and legally. The rules governing the company anti-bribery and corruption code of conduct defines:

- The relationship between an employee and former employees
- Doing business with government
- Bribes, loans and kickbacks
- Selecting and maintaining service providers
- Obtaining gifts and entertainment
- Interaction with competition
- Relationship with customers, affiliates and international entities

A comprehensive policy on ethical and professional code of conduct should also clearly define aspects like attendance and punctuality, absence without notice, general harassment and sexual harassment, substance abuse, dress code and phone and internet use. When crafting these codes, it is incumbent for businesses and organizations to review their mission statements and pay close attention to their core values. The drafters also need to speak to stakeholders, review past ethical issues and learn from the mistakes of others. Once the draft is written, it should be discussed by the relevant committees before a final draft is made and shared.

## Solving Problems Using Engineering Ethics

Once in a while an engineer will find themselves in a conflicting situation. He can make the most of the situation by following the steps of problem solving in the engineering ethical discourse. According to the Electrical and computer Engineering Design Handbook for Tuft University, the problem solving takes the following course:

1. Clearly state the problem – this entails defining the specific ethical issue.
2. Get the facts at hand – the engineer needs to collate all the relevant information regarding the matter accompanied by various moral viewpoints.
3. List and defend the various moral viewpoints – take time to analyze the pros and cons of each of the listed moral viewpoints and choose an action that best suits the situation.
4. Choose a course of action – pick the best course and provide answers to all the unanswered queries.
5. Qualify the course of action – back the course of action with supportive statistics and other facts.

In spite of the clearly stated framework of solving problems, engineers may find themselves venturing away from the spelled ethical codes. The two main reasons why this happens is because of the engineers are overly confident and excited. The problem of overconfidence can cause engineers to overlook or neglect the elements that might go wrong. The problem is exacerbated when one chooses to remain uncharacteristically stubborn and unyielding.

Excitement, on the other hand, can cause an engineer to make rash decisions and submit an incomplete work. Sometimes the fault may come from an authoritative figure like a manager. This can happen when strict deadlines are set, thereby making it difficult to allow room for iterations, which is critical in analyzing the design, testing and implementation of a project. The Iteration phase of any project promotes confidence and ensures the work environment stays safe.

As part of quality assurance, engineers should have their work checked by others before making the final submission. If the timelines are too tight, it is prudent to request the manager for an extension. Time management is also an important factor and so is being open to new ideas and admitting wrong. For engineering students, the ethical problem usually manifest through academic integrity. For instance, when a student knowingly plagiarizes or copies someone's work.

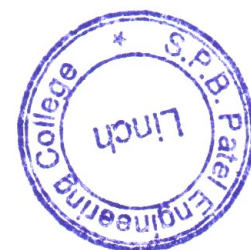
Since professional ethical conduct can be learned, students can redeem their image by retracing the steps and adhering to the ethical codes. When an engineer comes up with a compelling product that can save lives, but jeopardize the environment, there is a process to be followed. The ethical codes will help the engineering professional see the bigger

picture and realize what he wants to do should be in the best interest of people around him and the environment.

### **What Ethics and Professional Conduct Mean**

The practice of engineering is interlinked to societal interest. This means the engineers conduct in relation to other engineers, clients, employers and the public is critical to their success. A good strategy of entrenching the rules of ethical and professional conduct is adopting best practice. A discussion of these elements by stakeholders will serve to underscore the importance of engineers in the society and enforce their role and that of clients in engineering design.

This means the engineer's role in ensuring public safety, welfare and health will directly coalesce around the tenets of engineering design such as reliability, setting realistic requirements and maintainability, among other quality related guides. Because engineers are committed to serving society, it incumbent that they reject any acts that may harm the general interest of the public as well as threats and hazards that may negatively impact life and the environment.





# S.P.B. Patel Engineering College

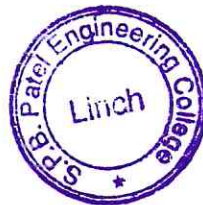
## NOTICE

**Date: 26th January 2019**

All Degree Engineering students are hereby informed that, to minimize the gap between academia and industry, the Institute is going to organize an Entrepreneurship and Innovation Course in March 2019. Interested students should provide their names to their respective departments.



Principal



Copy to,

1. All HOD'S -FOR INFORMATION
2. NOTICE BOARD

## Report on ENTREPRENEURSHIP AND INNOVATION COURSE

S.P.B. Patel Engineering College

### Introduction:

In March 2019, S.P.B. Patel Engineering College hosted an Entrepreneurship and Innovation Course, skillfully conducted by Mr. Dhiren Parikh, an expert in the field. With a cohort of 133 students, this course aimed to instill knowledge, skills, and a mindset conducive to entrepreneurship and innovation. Mr. Parikh's expertise and guidance provided invaluable insights, setting the stage for an enriching learning experience.

The course aimed to provide students with a solid foundation in entrepreneurship, equipping them with the knowledge and skills necessary to thrive in the dynamic world of technology and business.

### Participation Statistics

A total of 133 students enthusiastically participated in the course, highlighting the significant interest among engineering students in acquiring entrepreneurial skills. The diverse group of participants added to the richness of discussions and collaborative learning during the program.

### Course Duration

The Entrepreneurship and Innovation Course spanned over 35 hours, in month of March providing students with an immersive and in-depth learning experience. However, afterwards the course was conducted online due to COVID 19. The course structure was carefully designed to cover key topics, including ideation, business planning, market analysis, funding strategies, and innovation methodologies.

#### 1. Ideation:

- Techniques for innovative idea generation.
- Criteria for evaluating and validating business ideas.
- Practical exercises to refine concepts.

#### 2. Business Planning:

- Components of a comprehensive business plan.
- Strategic thinking and effective presentation skills.

- Hands-on workshops for creating and refining business plans.
3. Market Analysis:
- Target audience identification and segmentation.
  - Competitor analysis and market trend interpretation.
  - Real-world case studies for practical insights.
4. Funding Strategies:
- Exploration of various funding avenues (angel investors, VC, crowdfunding).
  - Crafting compelling pitches and understanding investor expectations.
  - Practical exercises in financial modeling.
5. Innovation Methodologies:
- Introduction to design thinking, lean startup, and disruptive innovation.
  - Application of methodologies to real-world problems.
  - Emphasis on embracing failure as part of the innovation process.

### **Value-Added Learning**

The course proved to be a valuable addition to the academic journey of engineering students. By integrating real-world case studies, interactive workshops, and guest lectures, students gained practical insights that complemented their theoretical knowledge. The hands-on approach to learning allowed participants to apply entrepreneurial concepts in a simulated business environment.

### **Key Takeaways**

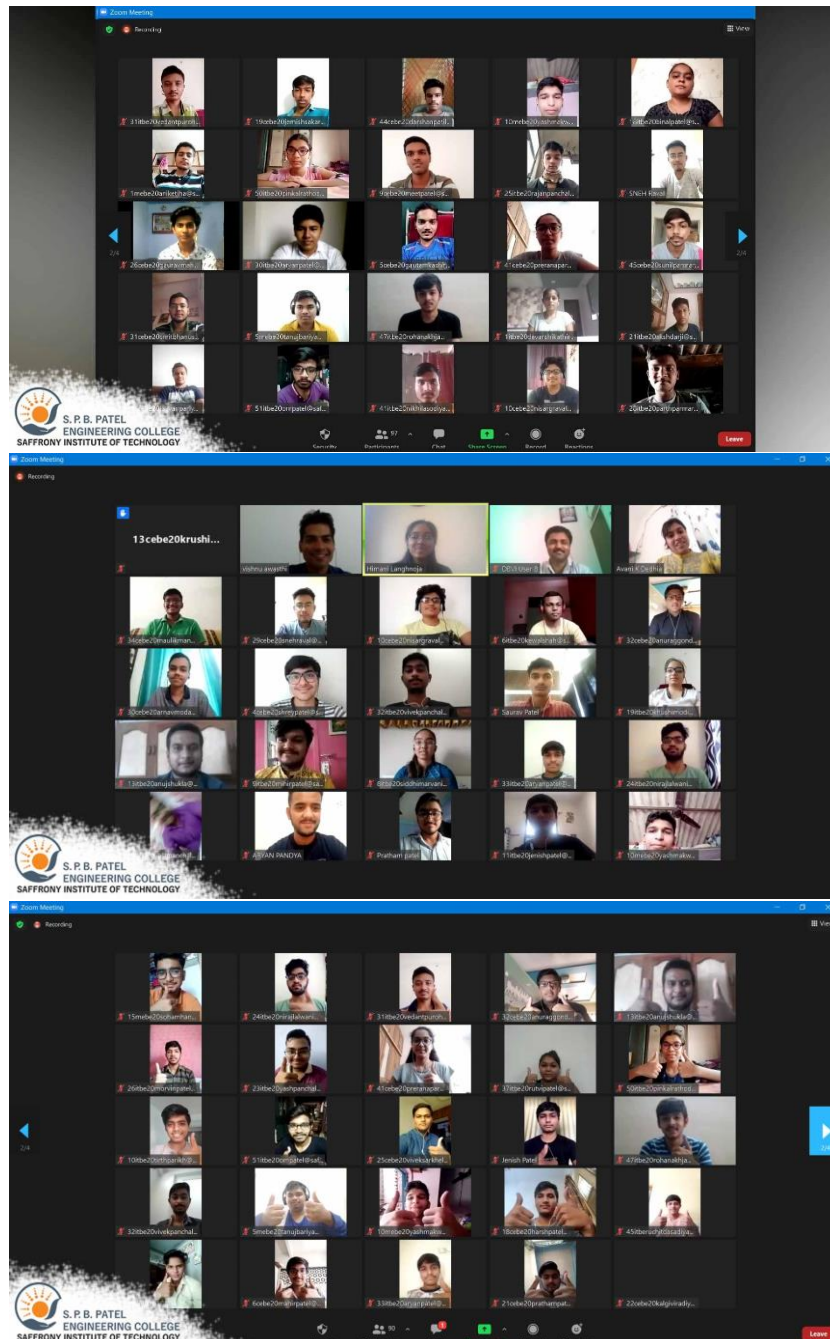
1. **Entrepreneurial Mindset:** The course instilled an entrepreneurial mindset among students, encouraging them to think creatively, identify opportunities, and take calculated risks.
2. **Business Planning Skills:** Participants developed the skills necessary to formulate robust business plans, including market analysis, financial projections, and risk assessment.
3. **Innovation Techniques:** The course introduced students to various innovation methodologies, fostering a culture of continuous improvement and creativity.

### **Conclusion**

The Entrepreneurship and Innovation Course was a resounding success, empowering 133 engineering students with the knowledge and skills essential for success in

today's competitive business landscape. The expert guidance, interactive learning methods, and focus on practical application made this course a valuable asset in shaping the future entrepreneurs and innovators among the students.

### Photographs:



## ATTENDANCE SHEET

### List of Students Participated:

Sr.No	Branch Name	Enrolment number	Name
1	AUTOMOBILE ENGINEERING	150390102004	CHAUDHARY HARDIK GOPALBHAI
2	AUTOMOBILE ENGINEERING	150390102005	ARBASTANI HARSH MANISHKUMAR
3	AUTOMOBILE ENGINEERING	150390102008	PANICKER SRIJITH SUGATHAN
4	AUTOMOBILE ENGINEERING	150390102009	PARMAR PARIKSHIT NAYANJI
5	AUTOMOBILE ENGINEERING	150390102019	RAVAL HARSH JAYESHKUMAR
6	AUTOMOBILE ENGINEERING	150390102020	RAVAL MANISHKUMAR RAMESHBHAI
7	CIVIL ENGINEERING	150390106001	BADGUJAR YOGESH
8	CIVIL ENGINEERING	150390106002	BHADRESA JAYKUMAR SANDIPBHAI
9	CIVIL ENGINEERING	150390106003	BHESANIYA JENISHKUMAR JAMANBHAI
10	CIVIL ENGINEERING	150390106004	CHAVADA MAHIPATSINH BHIKHAJI
11	CIVIL ENGINEERING	150390106005	DAVE BALDEVBHAI AMBARAMBHAI
12	CIVIL ENGINEERING	150390106007	JANI MEET MANISHKUMAR
13	CIVIL ENGINEERING	150390106008	KATRODIYA DHARUVIT DHIRUBHAI
14	CIVIL ENGINEERING	150390106009	MANSURI MOHAMMADZUBER DEENMOHAMMAD
15	CIVIL ENGINEERING	150390106010	PATEL DHARUVILKUMAR RAJESHBHAI
16	CIVIL ENGINEERING	150390106011	PATEL JAIMIN DASHRATHBHAI
17	CIVIL ENGINEERING	150390106013	PATEL MITKUMAR DILIPBHAI
18	CIVIL ENGINEERING	150390106014	PATEL POOJAN VISHNUBHAI
19	CIVIL ENGINEERING	150390106019	PRAJAPATI DHAVALKUMAR GANPATBHAI
20	CIVIL ENGINEERING	150390106020	PRAJAPATI HITESHKUMAR DUDHABHAI
21	CIVIL ENGINEERING	150390106023	VARDHMAN
22	COMPUTER ENGINEERING	150390107001	ABHISHEK KUMAR PANDEY
23	COMPUTER ENGINEERING	150390107002	BAROT KHUSHBU KALIDAS
24	COMPUTER ENGINEERING	150390107004	FOSI HIMANSHU RAMESHBHAI
25	COMPUTER ENGINEERING	150390107005	SHAH KALGI BANKIMKUMAR
26	COMPUTER ENGINEERING	150390107006	MAKWANA BHAVESHKUMAR BHARATBHAI
27	COMPUTER ENGINEERING	150390107007	MANVEE SONI
28	COMPUTER ENGINEERING	150390107010	PATEL JAYKUMAR MUKESHBHAI
29	COMPUTER ENGINEERING	150390107012	PINAKIN PRABHAKAR
30	COMPUTER ENGINEERING	150390107013	RAJAT PATEL
31	COMPUTER ENGINEERING	150390107014	RAJVANI HIRENKUMAR FATEHCHAND
32	COMPUTER ENGINEERING	150390107015	SHUKAL URVASHIBEN HARESHBHAI
33	COMPUTER ENGINEERING	150390107016	SOURABH SANJAY RUPANI
34	COMPUTER ENGINEERING	150390107017	VASVANI BHAVESH GIRISHBHAI
35	COMPUTER ENGINEERING	150390107018	VERMA MAYANK MANOJKUMAR
36	ELECTRICAL ENGINEERING	150390109001	PARMAR SANJIV ISHWARBHAI
37	ELECTRICAL ENGINEERING	150390109003	PATEL JAYKUMAR NAGJIBHAI
38	INFORMATION TECHNOLOGY	150390116001	CHAUHAN MAYURRAJ
39	INFORMATION TECHNOLOGY	150390116003	DIGHE IVANSHU MUKESHKUMAR

Sr.No	Branch Name	Enrolment number	Name
40	INFORMATION TECHNOLOGY	150390116004	GAJIPARA MAULIK PARASOTAMBHAI
41	INFORMATION TECHNOLOGY	150390116005	PATEL KAJALBEN NATVARBHAI
42	INFORMATION TECHNOLOGY	150390116006	MANDAL KAUSHIK KARTIKBHAI
43	INFORMATION TECHNOLOGY	150390116008	PARIKH PURVESH RAJENDRABHAI
44	INFORMATION TECHNOLOGY	150390116009	GOSWAMI PARTH DINESHKUMAR
45	INFORMATION TECHNOLOGY	150390116011	PATEL CHINTANKUMAR LABHUBHAI
46	INFORMATION TECHNOLOGY	150390116013	PATEL MAUSAM VASANTKUMAR
47	INFORMATION TECHNOLOGY	150390116015	PATEL ZEEL HARSHADBHAI
48	INFORMATION TECHNOLOGY	150390116016	SANANDWALA MUHAMMAD MUHAMMAD ZUBER
49	INFORMATION TECHNOLOGY	150390116017	THEVAR PRASHANT RAJESH
50	INFORMATION TECHNOLOGY	150390116018	TILANI NAVIN
51	MECHANICAL ENGINEERING	150390119001	ABHISHEK BHAMA
52	MECHANICAL ENGINEERING	150390119002	BALAR PARTH PARESHBHAI
53	MECHANICAL ENGINEERING	150390119003	BARMAN KISHAN DULAL
54	MECHANICAL ENGINEERING	150390119007	DAVE MADHAV
55	MECHANICAL ENGINEERING	150390119008	DEELWAL RAVIPRAKASH RAMKISHAN
56	MECHANICAL ENGINEERING	150390119010	HARSH KAMLESH BHATT
57	MECHANICAL ENGINEERING	150390119013	LUHAR LAPRIT
58	MECHANICAL ENGINEERING	150390119014	NIKUNJ KALAL
59	MECHANICAL ENGINEERING	150390119023	PATEL DARSHANKUMAR PRAHALADBHAI
60	MECHANICAL ENGINEERING	150390119025	PATEL HARNISH RAMCHANDRABHAI
61	MECHANICAL ENGINEERING	150390119026	PATEL HARSH MAHENDRAKUMAR
62	MECHANICAL ENGINEERING	150390119027	PATEL JAIMINKUMAR BIPINKUMAR
63	MECHANICAL ENGINEERING	150390119028	PATEL JEETKUMAR
64	MECHANICAL ENGINEERING	150390119032	PATEL RAVI DWARKABHAI
65	MECHANICAL ENGINEERING	150390119033	PATEL RAVI RAKESHBHAI
66	MECHANICAL ENGINEERING	150390119034	PATEL ROMY KANAIYALAL
67	MECHANICAL ENGINEERING	150390119035	PATEL RUSHABH CHANDRAKANTBHAI
68	MECHANICAL ENGINEERING	150390119037	PATEL TEJASKUMAR VASUDEV
69	MECHANICAL ENGINEERING	150390119038	PATEL UMANG VISHNUBHAI
70	MECHANICAL ENGINEERING	150390119039	PATEL YASH BHARATBHAI
71	AUTOMOBILE ENGINEERING	130390102012	KHILJI MOHMMADAFARAD FARIDKHAN
72	AUTOMOBILE ENGINEERING	130390102019	PARMAR VISHALKUMAR PRAVINBHAI
73	COMPUTER ENGINEERING	130390107033	SATHAVARA JAIMIN PRAVINKUMAR
74	ELECTRICAL ENGINEERING	130390109021	PATEL DHRUPALKUMAR BIPINCHANDRA
75	ELECTRICAL ENGINEERING	130390109037	PATEL NIRAVKUMAR VISHNUBHAI
76	INFORMATION TECHNOLOGY	130390116033	SOLANKI HARDIK NATVARBHAI
77	MECHANICAL ENGINEERING	130390119072	PATEL MAULIK BABULAL
78	MECHANICAL ENGINEERING	130390119092	PATEL YASHKUMAR RAMESHBHAI
79	AUTOMOBILE ENGINEERING	140390102031	PATEL JAYKUMAR BIPINCHANDRA
80	AUTOMOBILE ENGINEERING	140390102038	PATEL MAULIKKUMAR VIRABHAI
81	CIVIL ENGINEERING	140390106010	SUKHADIYA DEEPKUMAR MINESHKUMAR
82	CIVIL ENGINEERING	140390106012	MANSURI ARMANBHAI

Sr.No	Branch Name	Enrolment number	Name
83	CIVIL ENGINEERING	140390106020	PARMAR HARESHBHAI BHIKHABHAI
84	CIVIL ENGINEERING	140390106024	PATEL DIXITKUMAR BHARATBHAI
85	CIVIL ENGINEERING	140390106030	PATEL JAYMINKUMAR BALDEVBHAI
86	CIVIL ENGINEERING	140390106052	PRAJAPATI SAGARKUMAR PRAVINBHAI
87	COMPUTER ENGINEERING	140390107002	ADITYA PANDEY
88	COMPUTER ENGINEERING	140390107006	BHATT KEYUR DILIPBHAI
89	COMPUTER ENGINEERING	140390107030	PRAJAPATI URMIKKUMAR BHARATBHAI
90	ELECTRICAL ENGINEERING	140390109017	PATEL PALAKKUMAR HASMUKHBHAI
91	ELECTRICAL ENGINEERING	140390109023	PRAJAPATI RAVIKUMAR RAMESHBHAI
92	INFORMATION TECHNOLOGY	140390116011	RAVAL YASH HARSHADBHAI
93	INFORMATION TECHNOLOGY	140390116013	SHAH MADHAVIBEN KETANKUMAR
94	MECHANICAL ENGINEERING	140390119017	KHADALA ANANDKUMAR RAMESHBHAI
95	MECHANICAL ENGINEERING	140390119022	MODH MALAYKUMAR
96	MECHANICAL ENGINEERING	140390119060	PATEL JAIMIK HARSHADBHAI
97	MECHANICAL ENGINEERING	140390119085	PATEL RUCHIT ASHOKBHAI
98	MECHANICAL ENGINEERING	140390119088	PATEL SACHEEN VISHHNUBHAI
99	MECHANICAL ENGINEERING	140390119105	PRAJAPATI SIDDHARTH RAMESHBHAI
100	MECHANICAL ENGINEERING	140390119125	VAISHNAV DEVANSH MUKESHBHAI
101	MECHANICAL ENGINEERING	140390119129	YADAV AVINASH ASHOK
102	AUTOMOBILE ENGINEERING	140393102005	VANIYA ANANTKUMAR CHIMANLAL
103	CIVIL ENGINEERING	140394106001	JADAV PRADIP
104	AUTOMOBILE ENGINEERING	160393102001	CHAUDHARY PAVAN VINODBHAI
105	AUTOMOBILE ENGINEERING	160393102002	DARAJI HIREN LALJIBHAI
106	AUTOMOBILE ENGINEERING	160393102006	MAKWANA RAJ BHARATBHAI
107	AUTOMOBILE ENGINEERING	160393102009	PATEL HARDIKKUMAR KALPESHBHAI
108	AUTOMOBILE ENGINEERING	160393102012	RAJPUT DARSHANSINH BHARATSINH
109	AUTOMOBILE ENGINEERING	160393102013	SHAH SAHIL BHADRESHKUMAR
110	AUTOMOBILE ENGINEERING	160393102014	SHRIDAYAL DHAVAL MANOJKUMAR
111	CIVIL ENGINEERING	160393106001	MAKWANA VARUNBHAI LABHUBHAI
112	ELECTRICAL ENGINEERING	160393109001	CHAVADA ANKITKUMAR ARVINDBHAI
113	ELECTRICAL ENGINEERING	160393109002	RAHUL RAWAT
114	INFORMATION TECHNOLOGY	160393116001	JOSHI DHRUV MANSUKHBHAI
115	INFORMATION TECHNOLOGY	160393116003	TALAVIA SUNNY RAJESHBHAI
116	INFORMATION TECHNOLOGY	160393116004	TRIVEDI OMKAR YOGESHBHAI
117	MECHANICAL ENGINEERING	160393119001	BAROT VYOM VIPULBHAI
118	MECHANICAL ENGINEERING	160393119002	MALEK SHAHBAJ HUSENKHAN
119	MECHANICAL ENGINEERING	160393119003	PATEL MANOJKUMAR RASIKBHAI
120	MECHANICAL ENGINEERING	160393119004	RANA DHARMESH JITENDRAKUMAR
121	MECHANICAL ENGINEERING	160393119005	RAVAL MEHULKUMAR RAJESHBHAI
122	MECHANICAL ENGINEERING	160393119006	SHAH NIL CHETANKUMAR
123	MECHANICAL ENGINEERING	160393119007	SUNARIYA GAURAV ARVINDBHAI
124	MECHANICAL ENGINEERING	160393119008	SUTHAR RAVI BALDEVBHAI
125	MECHANICAL ENGINEERING	160393119009	THAKKAR SHIVAM BHUPENDRABHAI

Sr.No	Branch Name	Enrolment number	Name
126	MECHANICAL ENGINEERING	150390119040	PATEL YASH SANJAYKUMAR
127	MECHANICAL ENGINEERING	150390119042	RAI HEMANTKUMAR SHYAMBAHADUR
128	MECHANICAL ENGINEERING	150390119044	RAJPUT SEDHABHAI KALABHAI
129	MECHANICAL ENGINEERING	150390119048	SONI DIXIT MUKESHBHAI
130	MECHANICAL ENGINEERING	150390119049	VAGHELA BHARATSINH
131	AUTOMOBILE ENGINEERING	150393102002	CHAUDHARY GAURAV JOITARAM
132	MECHANICAL ENGINEERING	150393119008	PATEL AKSHAY PANKAJBHAI
133	CIVIL ENGINEERING	150394106002	PRAJAPATI CHETAN BHAGABHAI

*W. Patel*

