



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

MOU HANDBOOK



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INTRODUCTION

1. INTRODUCTION

The education system is designed to prepare students for their future careers and also collaborate closely with the industry to understand the needs of the industry so that students can be prepared accordingly with a dynamic curriculum and pedagogy.

WHY?

- Industry-academia collaboration provides organizations with a blend of practical expertise and academic rigor.
- Industry professionals contribute first-hand knowledge of contract administration challenges, while universities offer research-based actionable insights and cutting-edge theories.
- Collaboration provides opportunities for universities to commercialize their research through patents, licensing agreements, and the establishment of start-up companies.
- Collaborations contribute to economic growth by fostering innovation, job creation, and the development of advanced technologies.
- Collaborative efforts often lead to innovative solutions, best practice sharing, and exploration of new avenues for industry-university collaboration.
- Beyond knowledge exchange, industry-university collaboration fosters talent development. This interaction establishes a talent pipeline, fostering a culture of excellence and preparing the next generation of professionals for industry challenges.
- Collaboration between industry and academics promotes technological advancement and innovation



2

**INITIATIVE OF
S.P.B. PATEL
ENGINEERING COLLEGE**

2.1 INTERNATIONAL COLLABORATION - GTU

INTERNATIONAL EXPERIENCE PROGRAM (IEP)



Gujarat Technological University
(Accredited with A+ grade by NAAC)
International Experience Program (IEP) Department of International Relation

NAVIGATION

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WELCOME TO DIR

Department of International Relations (DIR), GTU is committed to manage, expand and enhance international relations and activities of the University. Its major activities comprise of

- Student Exchange through International Experience Program (IEP) and Winter School Program (WSP)
- Managing various activities regarding full-time International Student at GTU
- Collaboration with Foreign Universities through MoUs
- Exploring and managing various joint academic programs with foreign universities
- Appointing international co-supervisors for the GTU PhD program
- Joint events like Conferences, Workshops and Research projects with foreign universities
- Joint Collaborations with foreign Industries like establishing centre for excellence

GTU has 35 plus Foreign University Partners in the areas of student exchange, faculty exchange and joint research projects located at America, Canada, Europe, Asia and Africa

GTU has signed the MOU with renowned universities of Canada, Germany, USA, Russia, Poland, New Zealand, China, UK, Taiwan, Bhutan, South Africa, Netherlands and Slovenia. GTU manages the International Experience Program (IEP) for its students for several countries since 2011 where the students visit universities, which are GTU's foreign partners, in the semester gap and study two (Pre-decided) subjects of their respective courses. GTU is sending students to Canada, USA, Russia and Germany under this program in the month of June and July every year since 2011. More than 1100 students from various branches of Management, Engineering and Pharmacy have participated in International Experience Program (IEP) till date from 2011.

2.1.1 PURPOSE

Knowledge Transfer

2.1.2 ABOUT IEP

International Experience Program (IEP) 2020



What is IEP?

- Program was initiated in 2011.
- Currently IEP is one of the largest student mobility programs offered by the technological universities of India
- GTU has signed the Memorandum of Understanding (MoU) with more than 30 renowned universities of USA, Canada, Europe, Russia, Asia and Africa.

Why IEP??

International Exchange Program provides practical learning and sharing of history, culture and traditions of the host country.

Intended to develop the inter-personal skills of the participants.

Helps to increase understanding of the international customs, education system and language.

Objective

- IEP is aimed to provide an exposure to Indian students to international pedagogical environment in their academic specialization.
- It enables the students to know about the cross cultural environment which ultimately may turn into a strong intellectual capabilities



Who can participate?



Architecture



Management



Pharmacy



Computer Science (MCA)



Engineering

Eligibility criteria



Sr. No	Branch	Completed the Summer 2018 exam of	Minimum CPI	Maximum Backlogs
			<i>(Up to the result of Semester 4)</i>	
1	B.E.	6 th Semester	5.5	2

Duration

6-8 weeks

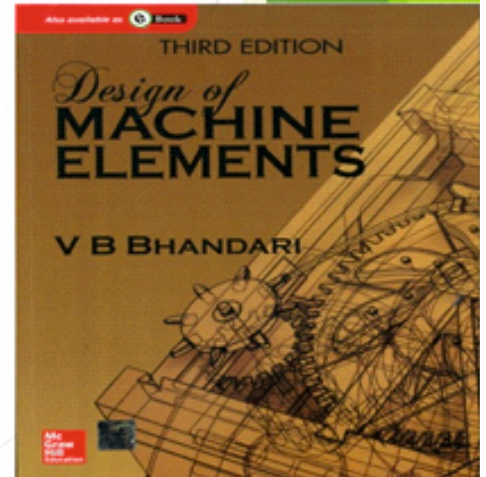
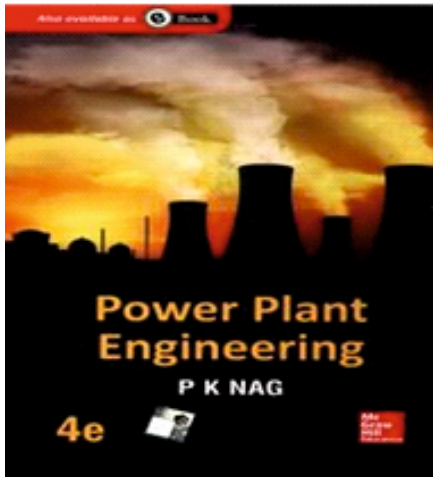


Expense

- ▶ Security amount (Confirmation Fee) of Rs. 20000/- to GTU.(Deposit refundable)
- ▶ Air ticket charges
- ▶ Visa Processing Fees
- ▶ Travel Insurance
- ▶ Sevis Fees (if applicable)
- ▶ Travel and accommodation for Visa appointment
- ▶ Cancellation charges of air ticket
- ▶ Bank charges applicable for wire transfer
- ▶ Penalty



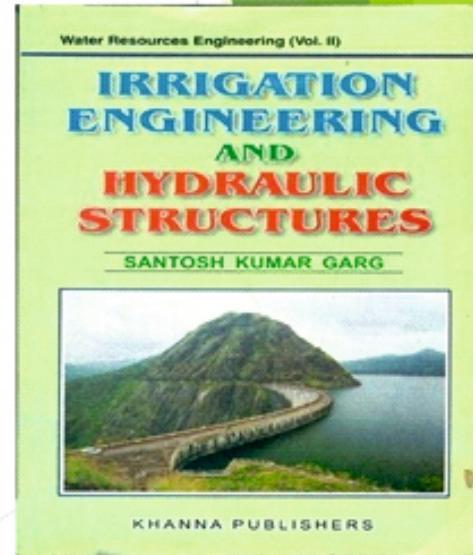
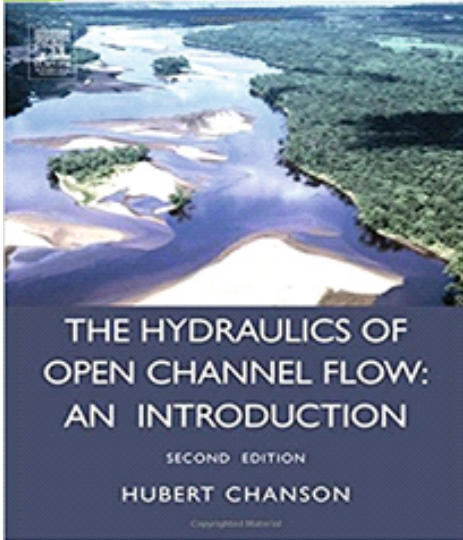
Mechanical Engineering



University of Architecture Civil Engineering & Geodesy (UAECG), Bulgaria.



Civil Engineering



Laurentian University (LU), CANADA

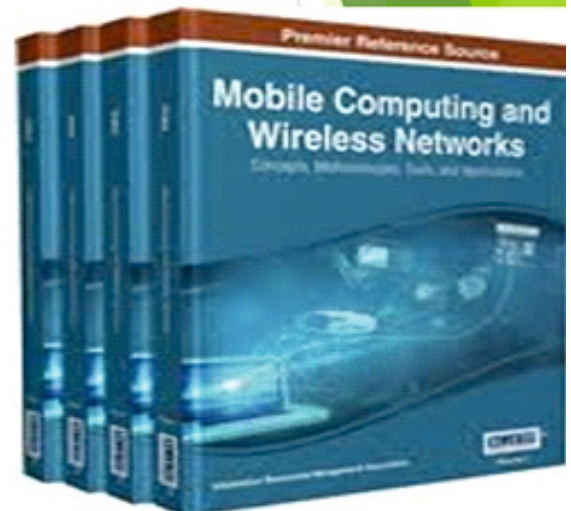
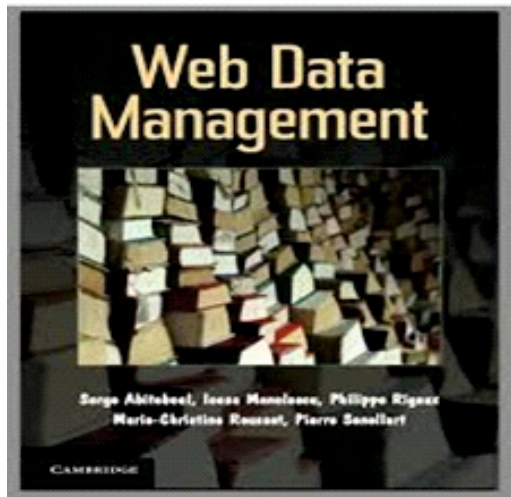


Laurentian University
Université Laurentienne

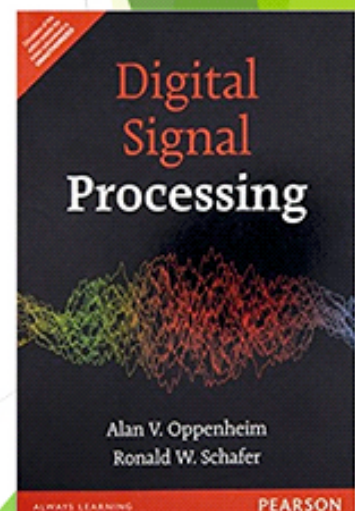
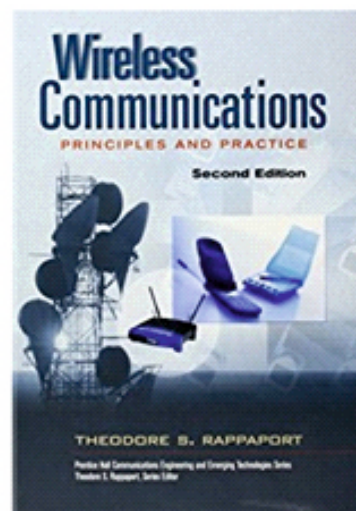
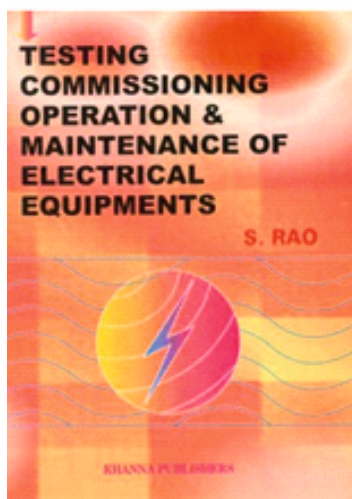
Laurentian University
Université Laurentienne



Computer Engineering- Information Technology



Electrical and EC Engineering



List of Faculty Coordinator

- 1. Prof. Malay Bhatt (Electrical Engineering Department).
- 2. Prof. Sagar Patel (Mechanical Engineering Department).
- 3. Prof. Kunalsinh Kathiya (Mechanical Engineering Department).
- 4. Prof. Yagnesh Patel and Prof Ravi Patel (Computer and IT Department).
- 5. Prof. Manan Mori(Civil Engineering Department).

2.1.3 TIME TABLE : YEAR-2018

International Experience Program (IEP)
Laurentian University and Gujarat Technological University, India
June 18 – July 29, 2018

NOTE: Minimum 85% attendance required to appear in Final Exam. Attendance and class performance will count towards the final grade. Students need to take permission before they can visit their relatives.

Week 0

Time	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	June 9	June 10	June 11	June 12	June 13	June 14	June 15
8.00 am To 1.00 pm							10.00 am: Orientatio n for Group1
1.00 – 2.00 pm							Lunch for Group1
2.00 – 3.30 pm						Group1 arrives by evening	Group2 arrives by evening
8.00 – 9.00 pm						Dinner for Group1	Dinner for Groups1-2

Week 3

Time	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	June 30	July 1	July 2	July 3	July 4	July 5	July 6
9.00 – 10.30 am		Ottawa trip Canada Day	Ottawa trip Canada Day		Phar2	Phar1	Phar2
10.30 – 12.00 pm					Phar2 CS2	Phar1 CS2	Phar2
12.00 – 2.00 pm	No lunch	No lunch	No Lunch	Lunch	Lunch	Lunch	Lunch
2.00 – 3.30 pm				2.00 – 5.00 pm Phar1 CS1	CS2 Phar2 Lab	CS2 Phar2 Lab	Phar1 Lab
3.30 – 6.30 pm					Phar2 Lab	Phar2 Lab	Phar1 Lab
8.00 – 9.00 pm	No dinner	No dinner	No Dinner	Dinner	Dinner	Dinner	Dinner

Week 4

Time	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	July 7	July 8	July 9	July 10	July 11	July 12	July 13
9.00 - 10.30 am	Toronto-Wonderland trip	Toronto-Wonderland trip	Phar2	Phar1	Phar2	Phar1	Midterm Phar1 CS1
10.30 – 12.00 pm			Phar2 CS1	Phar1 CS1	Phar2 CS2	Phar1 CS2	
12.00 – 2.00 pm	No Lunch	No lunch	No lunch	Lunch	Lunch	Lunch	Lunch
2.00 – 3.30 pm			CS1 Phar2 Lab	CS1 Phar2 Lab	CS2 Phar2 Lab	CS2 Phar2 Lab	Midterm Phar2 CS2
3.30 – 6.30 pm			Phar2 Lab	Phar2 Lab	Phar2 Lab	Phar2 Lab	Phar1 Lab
8.00 – 9.00 pm	No dinner	No dinner	No dinner	Dinner	Dinner	Dinner	Dinner

Week 5

Time	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	July 14	July 15	July 16	July 17	July 18	July 19	July 20
9.00 - 10.30 pm	Niagara trip	Niagara trip	Phar2	Phar1	Phar2	Phar1	Course Projects
10.30 - 12.00 pm			Phar2 CS1	Phar1 CS1	Phar2 CS2	Phar1 CS2	Course Projects
12.00 - 2.00 pm	No lunch	No lunch	Lunch	Lunch	Lunch	Lunch	Lunch
2.00 - 3.30 pm			CS1 Phar2 Lab	CS1 Phar2 Lab	CS2 Phar2 Lab	CS2 Phar2 Lab	Course Projects Phar1 Lab
3.30 - 6.30 pm			Phar2 Lab	Phar2 Lab	Phar2 Lab	Phar2 Lab	Course Projects Phar1 Lab
8.00 - 9.00 pm	No dinner	No dinner	Dinner	Dinner	Dinner	Dinner	Dinner

Week 6

Time	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	July 21	July 22	July 23	July 24	July 25	July 26	July 27
9.00 - 10.30 pm	Course Projects	Course Projects	Phar2	Phar1	Phar2	Phar1	Exam preparation
10.30 - 12.00 pm	Course Projects	Course Projects	Phar2 CS1	Phar1 CS1	Phar2 CS2	Phar1 CS2	Exam preparation
12.00 - 2.00 pm	No Lunch	No lunch	Lunch	Lunch	Lunch	Lunch	Lunch
2.00 - 3.30 pm	Course Projects	Course Projects	CS1 Phar2 Lab	CS1 Phar2 Lab	CS2 Phar2 Lab	CS2 Phar2 Lab	
3.30 - 6.30 pm	Course Projects	Course Projects	Phar2 Lab	Phar2 Lab	Phar2 Lab	Phar2 Lab	
8.00 - 9.00 pm	No dinner	No dinner	Dinner	Dinner	Dinner	Dinner	Dinner

Week 7

Time	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	July 28	July 29	July 30	July 31	Aug 1	Aug 2	Aug 3
9.30 am To 12.30 pm	Final Exam Phar1 CS1	Final Exam Phar2 CS2		depart	depart	depart	
1.00 – 2.00 pm	Lunch	Lunch	Lunch	Lunch	Lunch		
8.00 – 9.00 pm	Dinner	Dinner	Dinner	Dinner	Dinner		

Classes will be held in the Classroom Building

CS1: Wireless Communication and Mobile Programming (Mr. Sujeet Lohan) – Room SE 111 (Education Building)

CS2: Web Data Management (Dr. Kalpdrum Passi) – Room SE 111

Phar1: Pharmaceutical Chemistry-X (Medicinal Chemistry) (Dr. Sujeenthara (SUJI) Tharmalingam – Room SE 209

Phar2: Pharmacology III (Dr. Abdul Omri) – Room SE 209

Phar1 Lab: F 443

Phar2 Lab: Room S414

Midterm and Final Exams – Fraser Building Fa054

Arrival: June 14 – 16

Departure: July 31 – August 2

2.1.4 LIST OF STUDENTS (2018-2019)

Saffrony Institute of Technology						
S.P.B.Patel Engineering College						
International Experience Program (IEP)						
Sr. No	Name	Enr. No	Department	Year	University	Subject
1	Nisarg Goswami	160390116006	IT	2019	Laurentian university, canada	Web data Management, Mobile Computing, Wireless Communication
2	Smit patel	160390116019	IT	2019	Laurentian university, canada	
3	Jay Harshadbhai Patel	170393119005	Mechanical	2019	Kansas State University, USA	Machin Design, Power Plant Engineering
4	Pinakin Dhiren Kumar Prabhakar	150390107012	CE	2018	Laurentian university, canada	Web data Management, Mobile Computing, Wireless Communication
5	Kajal Vishandas Khatri	130390116010	IT	2016	Laurentian university, canada	
6	Nidhi Hasmukh Vaghela	130390116012	IT	2016	Laurentian university, canada	
7	Mihir Anantkumar Joshi	130390119023	Mechanical	2016	Kansas State University, USA	Machin Design, Power Plant Engineering
8	Deep Rajnikant Patel	130393107010	CE	2015	Laurentian university, canada	Web data Management, Mobile Computing, Wireless Communication
9	Shivam Rajeshbhai Dave	130393107004	CE	2015	Laurentian university, canada	
10	Dhruv Hiteshkumar Gandhi	120393111015	EC	2015	Kansas State University, USA	Digital Signal Processing and Wireless Communication
11	Vyom Shureshbhai Makani	120390119018	Mechanical	2015	Kansas State University, USA	Machin Design, Power Plant Engineering
12	Kevin Rajesh Christian	120390119119	Mechanical	2015	Kansas State University, USA	Machin Design, Power Plant Engineering

LIST OF STUDENTS PARTICIPATED IN IEP-2019 (USA)

GTU's International department would like to take this opportunity to thank all the colleges for their active participation and support their students

Sr. No.	Enrollment Number	Name	Institute Name
1	160010119006	NAIK ARYAN JAYESH	A. D. PATEL INSTITUTE OF TECHNOLOGY, KARAMSAD
2	160010119011	BHUVA HARSHIL VALJIBHAI	A. D. PATEL INSTITUTE OF TECHNOLOGY, KARAMSAD
3	160010119042	NAIK MOHIT SAMIR	A. D. PATEL INSTITUTE OF TECHNOLOGY, KARAMSAD
4	160010119086	PRAJAPATI VATSAL PARESHKUMAR	A. D. PATEL INSTITUTE OF TECHNOLOGY, KARAMSAD
5	160110119063	PATEL BANSIL HIRENKUMAR	G. H. PATEL COLLEGE OF ENGINEERING & TECHNOLOGY, V V NAGAR
6	160110119126	PATHAN ARIF NASIRKHAN	G. H. PATEL COLLEGE OF ENGINEERING & TECHNOLOGY, V V NAGAR
7	160120119002	DAVE ANANMAY DEVANG	GANDHINAGAR INSTITUTE OF TECHNOLOGY, GANDHINAGAR
8	160120119011	BRAHMBHATT HET DILIPKUMAR	GANDHINAGAR INSTITUTE OF TECHNOLOGY, GANDHINAGAR
9	160120119014	CHOKSI RAVI KIRANKUMAR	GANDHINAGAR INSTITUTE OF TECHNOLOGY, GANDHINAGAR
10	170123119008	JOSHI MEET KAMLESHKUMAR	GANDHINAGAR INSTITUTE OF TECHNOLOGY, GANDHINAGAR
11	160320119015	CHAUHAN RAJ YOGESHBHAI	L. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, AHMEDABAD
12	160320119059	MAKWANA NISHIT ARUNKUMAR	L. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, AHMEDABAD
13	170323119020	PANCHAL KARTIK DHIREN	L. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, AHMEDABAD
14	160340119029	PATEL KIRTAN DIPESHKUMAR	NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY, JETALPUR
15	170343119030	PATEL HIMIL JIGNESHKUMAR	NARNARAYAN SHASTRI INSTITUTE OF TECHNOLOGY, JETALPUR
16	170393119006	PATEL JAY HARSHADBHAI	S. P. B. PATEL ENGINEERING COLLEGE, MEHSANA
17	170573119042	PARSANIA PARTH DARSHANBHAI	MARWADI EDUCATION FOUNDATION'S GROUP OF INSTITUTIONS, RAJKOT
18	160760119106	SHIYANI SAHIL JITENDRAKUMAR	SHRI SWAMI ATMANAND SARASWATI INSTITUTE OF TECHNOLOGY, SURAT
19	160840119042	PANCHAL KRUNAL ASHWIN	R.N.G. Patel Institute of Technology, RONGPIT

2.1.5 CERTIFICATE-IEP [2018]

1.PINAKIN PRABHAKAR

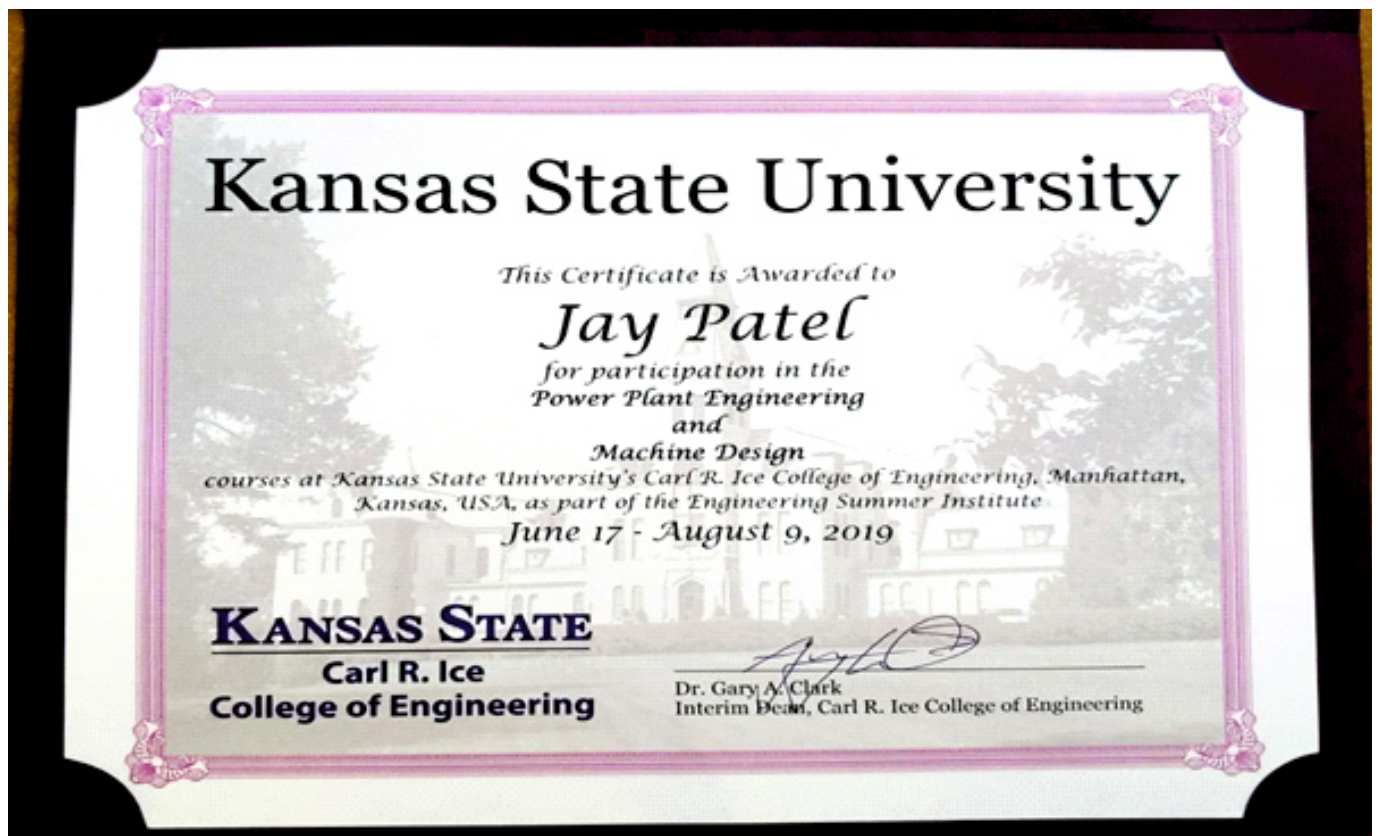


[2019]

1.NISARG ALPESHGIRI GOSWAMI



2. JAY PATEL



3. PATEL SMIT



2.2 MOU WITH INDUSTRIES

2.2.1 PURPOSE:

1. INTERNSHIP
2. KNOWLEDGE TRANSFER

2.2.2 LIST OF INDUSTRIES

Sl. No.	Academic Year	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details
2018-2019			
1	2018-19	MoU	Amin Infomark Pvt. Ltd
2	2018-19	MoU	Bharat Industries
3	2018-19	MoU	Accent Engineering & Design Sevices
4	2018-19	MoU	Pipefit Engineers Pvt. Ltd
5	2018-19	MoU	Amee Construction
6	2018-19	MoU	Shree Ankit Enterprises
7	2018-19	MoU	Banas Gram Vikas Samiti
8	2018-19	MoU	Accent Engineering & Design Sevices
9	2018-19	MoU	Virasat Developers
10	2018-19	MoU	Kankaria Properties Pvt. Ltd.
11	2018-19	MoU	Amin Infomark Pvt. Ltd
12	2018-19	MoU	Bharat Industries
2019-20			
1	2019-20	MoU	Virasat Ready Mix.
2	2019-20	MoU	Pipefit Engineers Pvt.Ltd
2020-21			
1	2020-21	MoU	Shreetatva Sadhna Group
2	2020-21	MoU	NIB Edusoft Pvt. Ltd.
3	2020-21	MoU	Banas Gram Vikas Samiti
4	2020-21	MoU	Shree Ankit Enterprises
5	2020-21	MoU	Amba Mutiprint
6	2020-21	MoU	Kankaria Properties Pvt. Ltd.

Sl. No.	Academic Year	Name of the MoU / linkage	Name of the institution / industry with whom the MoU / linkage is made, with contact details
2021-22			
1	2021-22	MoU	Anany Associates
2	2021-22	MoU	Pranjal Associates
3	2021-22	MoU	Dheeraj Engineering
4	2021-22	MoU	Amee Construction
5	2021-22	MoU	Amin Infomark Pvt. Ltd
6	2021-22	MoU	Amee International
7	2021-22	MoU	Abacus Peripherals Pvt.Ltd.
2022-23			
1	2022-23	MoU	Bharat Industries
2	2022-23	MoU	Virasat Developers
3	2022-23	MoU	Virasat Ready Mix.
4	2022-23	MoU	NIB Edusoft Pvt.Ltd
5	2022-23	MoU	Pipefit Engineers Pvt.Ltd
6	2022-23	MoU	Kankaria Precast Pvt. Ltd.
7	2022-23	MoU	Orants Electro Pvt. Ltd
8	2022-23	MoU	Banas Gram Vikas Samiti



**S.P.B. PATEL
ENGINEERING COLLEGE**

SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS

SAFFRONY INSTITUTE OF TECHNOLOGY

Near Shanku's Water Park, Ahmedabad – Mehsana Highway, Linch, Gujarat 384435

Phone : (02762) 285721

E-mail: info@saffrony.ac.in

Website: www.saffrony.ac.in