

Resonance@GDEC

74th Independence day Celebration



74th Independence day was celebrated at institute with pride, respect. Shri. Jayantbhai Mehta, President, The Navsari District Chamber of Commerce & Industry was invited as a Chief Guest. CA Vinodchandra Desai, Trustee member, was also present on this occasion. Principal Dr. N. D. Sharma delivered the Independence Day speech.

He greeted the audience and said that "In this extraordinary time of Corona, Corona warriors have lived the mantra of 'Seva Parmo Dharma'. Our doctors, nurses, paramedical staff, ambulance personnel, safai karmacharis, policemen, service personnel and many people are working round the clock continuously." Faculties and other staff participated in the National Flag Hosting ceremony.

With due respect towards our nation everyone participated for the National Anthem.

Index

- Principal Message
- Webinar Conducted
- Training & Placement
- Achievement
- FDP/Webinars/Conferences/STTPs/ Workshop Attended/Participated
- Technical E- Quiz Conducted
- E-Learning Courses Completed
- Paper Publication
- National/State/Online Quiz
- Book Publication

GDEC Team

Prof. Dr. Neeraj. D. Sharma,
Principal

Prof. Dr. Hiralal S. Patil,
Head, Mechanical Engg. Dept.

Prof. Dr. Shailesh. S. Patel,
Head, Applied Sci. & Huma. Dept.

Prof. Dr. Rakesh. J. Motiyani,
Head, Electrical Engg. Dept.

Prof. Dr. Bhavin G. Patel,
Head, Civil Engg. Dept.

Prof. Archana Nayak,
Head, Computer Engg. Dept.

Prof. Toral Patel,
Head, Automobile Engg. Dept.

Editorial Team

- Prof. Archana M. Nayak
- Prof. Bhumika H. Patel
- Prof. Kushal D. Patel
- Mr. Nilesh G. Patel



Principal Message

I would like to welcome all new students at institute. Though the time is tough for we all and its different than conventional beginning , but despite of that we all are committed towards our goals and with our combined efforts we will surely overcome the undesirable impact of this time on study.

My best wishes to outgoing students who have completed their graduation successfully this year. Sky is limit for you all , now necessary is only yours move and jump to catch such sky. So be more sincere , hardworking and effective in your life and career to make your self ready for all challenges

Almost more than six months have been passed with pandemic situation of COVID-19 and we can say we have adjusted our life styles accordingly at significant extents during this time. We don't know up to how long it would sustain and at what extent !!! but we should appreciate the spirit of our country , its people and all government and non government organizations who have not given up against the fighting with Covid -19. Efforts are in flow from world level , country level to overcome this Pandemic and its black shadow.

I would like to appreciate the spirit of Universities especially GTU faculties of our and other institutes ,students who have continued the flow of education through alternative mode of online education but not allowed to stop the study and parents have also supported nicely in this. A new pattern of education though online mode has been nurtured in students which would surely helpful to students in their future.

Now its high time to smooth the things in all facet with improving conditions , here it is very much essential for all of us to get same passion and rhythm of work what we had. Students would be required to concentrate on their study , career from frustration and undesirable memories of the previous year.

I would like to share here that our institute staff members have participated interactively and with enthusiasm in online sessions, workshops , webinars , refresher courses , Training programme to elevate their competency as well to enrich their knowledge and skills.

My best wishes to all for future time and commitment towards your work ,study .

Dr. Neeraj D. Sharma

Dynamic Management

Name of the Member	Designation in the GES	Current Position/Organization
Shri M. Thennarasan, IAS	Chairperson	Hon. Vice Chairman & Managing Director , GIDC, Gandhinagar
Shri B. C. Warli (B.E Civil)	Member Secretary	I/c. Director (Notified Area), I/c. Chief Engineer & Superintending Engineer (Public Health) & I/c. Superintending Engineer (Project) GIDC, Gandhinagar
Shri N. P. Vadalia (B.E Civil)	Member	I/c. Superintending Engineer-Surat ,Executive Engineer-Surat
Dr. V. S. Purani (M.E Civil, Ph. D.)	Member	Principal, GEC, Valsad
Dr. A. K. Dave (B.E Mechanical, M.E, Ph. D.)	Member	Ex. Director, SVNIT, Surat
CA. V. G. Desai (M.Com, F.C.A.)	Member	Chartered Accountant, Navsari
Dr. D. G. Naik (M.A, M.Ed, Ph. D.)	Member	Director, Naran Lala College Campus, Navsari
Shri Mahadevbhai Desai B.E Civil, LLB, MIE, MASCE(USA)	Member	CMD, Sthapati Designers, Navsari

WEBINAR CONDUCTED

Faculty Name	Event Name	Organized By	Organized on
Automobile Department			
Prof. Kenal D. Tandel	Competitive Exams & GATE 2021 Awareness Program for Final & Pre-Final Year Students	Automobile Engineering Department, GDEC, Navsari	11th August, 2020
Computer Department			
Prof. Tejas Patel (As an Expert speaker)	INTRODUCTION TO IOT	N. G. Patel Polytechnic College, Bardoli	13th June, 2020
	INTRODUCTION TO IOT	Government Polytechnic, Himatnagar	29th May, 2020
	INTRODUCTION TO IOT	GIDC Degree Engineering College, Navsari	20th May, 2020



Training and Placement

Computer Engineering

Online Placement drive for final year Student of Computer Engineering on 7th August 2020. Around students have participated in this Placement drive where Pre-Placement talk followed by Online Technical test was conducted.

Name of Company	No. of Students Registered	No. of Student Selected	Names of selected Students
Bosleo Technology Pvt. Ltd., Valsad	35	1	Abhi Patel
Casepoint Pvt. Ltd., Surat	27	3	Megha Mistry Vaishnavi Tandel Viral Senghani
ASK-EHS Engineering & Consultants	7	1	Khevna Patel Wadiwala Meet
LANET TEAM SOFTWARE SOLUTIONS PVT. LTD., Surat	15	1	Kundan Purbia
Gyrus	25	Result Await	1
SSM	13		Bhumika Patel, Palla Mohmadsameer
Goldenmace IT Solutions	8	1	Bhandari Jugal
iTact Solution		1	Adit Naik
Dynamic Dreamz	8	Result Await	
Synergy Peripheral Services	4	Result Await	

Civil Engineering Department

Patel Aneykumar Kishorbhai and Patel Hemal Jagdishbhai students of Civil Engineering department placed at My Home Group.

Electrical Engineering

Mr. Shubham Mistry student of Electrical Engineering department placed at National Centre for Quality Calibration (Vapi).

Mechanical Department

8th semester mechanical placement, conducted by the department during the academic year 2019-20.

I. Interview Conducted in July-August 2020 at Tucson Hydrocontrols Pvt. Ltd. Umbergaon

Finally Shortlisted students as a Graduate Engineer Trainees

1. Mr Sunny Amar Singh, 2. Mr Omik Bipinbhai Mistry, 3. Mr Binitbhai Dharmendrabhai Tandel, 4. Mr Abhay Tejnani, 5. Mr. Dharmang Patel, 6. Mr. Abhay Jadhav, 7. Mr. vinayak patel, 8. Mr.Hardik tandel

II. Interview Conducted in August 2020 at Sona Extrusion Pvt. Ltd., Kabilpor-Navsari

Finally Shortlisted students as Executive Trainees

1. Viral Patel, 2. Nisarg Mistry

Achievement

ASH DEPARTMENT

Awarded Ph.D. in Mathematics:

Two students have successfully completed their Ph. D. under the guidance of Dr. Shailesh S. Patel from Gujarat Technological University.

Awarded Ph. D. in Mathematics:

A Ph. D. thesis entitle "Modelling the problem of multifluid flow in porous media and their solution by computational method." of Dr. Megha K. Tailor was accepted and awarded a degree of Doctor of Philosophy in Mathematics by Gujarat Technological University, Ahmedabad.



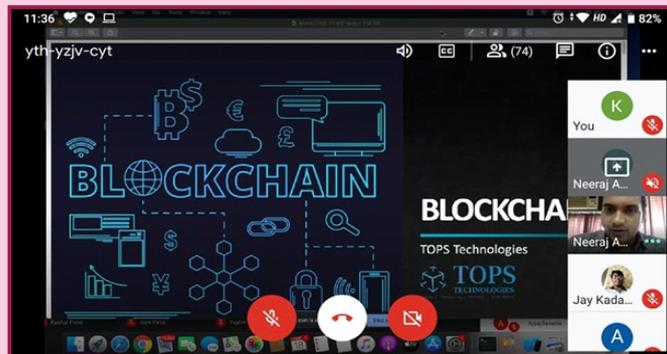
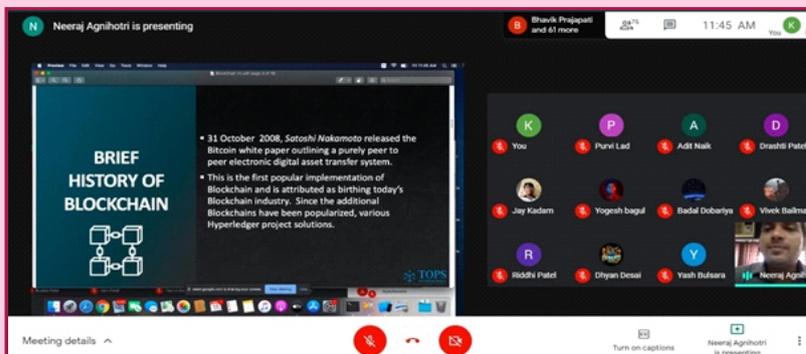
Webinar on Blockchain Technology

Computer Department, GIDC DEGREE ENGINEERING COLLEGE, NAVSARI organized Webinar on BlockChain Technology on 18th September, 2020.

In this webinar Expert Mr. Neeraj Agnihotri delivered session on BlockChain. He gave basic information regarding BlockChain Technology. In addition, Bitcoin and various framework of BlockChain was discussed.

Blockchain technology promises to transform economies and change the way enterprises and governments work.

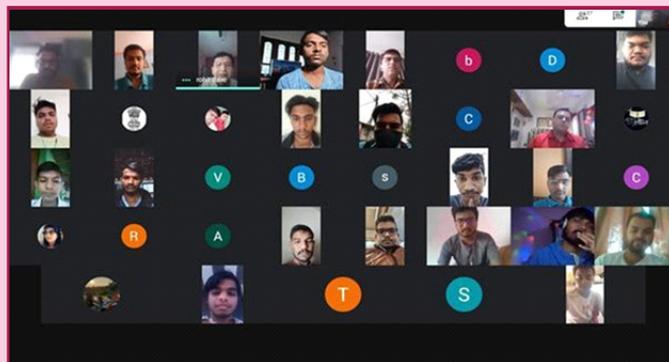
Around 75 students and faculties of department had participated in this informative Webinar.



Webinar organized by Mechanical Engineering Department GDEC Navsari

ISHRAE (Indian society of Heating Refrigeration and Air conditioning) student chapter –Mechanical Department organized online webinar on “Career opportunities for engineering students” and “HVAC system and its type” on 12th December 2020.

ISHRAE (Indian society of Heating Refrigeration and Air conditioning) student chapter –Mechanical Department organized online webinar on “Career opportunities for engineering students” and “HVAC system and its type” on 12th December 2020. Mr. Rohit Dave (International motivational speaker and soft skill trainer) the speaker for the first session on on “Career opportunities for engineering students” and “HVAC system and its type” during 11:00 am to 12:30 pm. Mr. Ankur Mantri (Manager-Design2Occupancy Services LLP, Commissioning and PMC department) was the speaker for the 2nd session during 1:00 pm to 2:30 pm. Around 55 students participated in webinar. Webinar was coordinated by Student coordinators (Mr. Keval Patel, Mr. Jaynish Patel and Mr. Piyush Halpati) and faculty coordinator –Prof. Daksh R Tandel.



Webinar on "Innovative strategies to transform ideas to effective startup"

SSIP Cell, GIDC Engineering Collage organized webinar on "Innovative strategies to transform ideas to effective startup" on 24th September, 2020. The main goal of this webinar is to bring students into startup culture and to provide them with a knowledge where they can convert their bright ideas into innovation.





GIDC DEGREE ENGINEERING COLLEGE
(Managed by GIDC Education Society)
Gujarat's Public Private Partnership (PPP) Model Institute
Approved by AICTE & Affiliation with GTU

Webinar on

Innovative Strategies to Transform Ideas to Effective Startups

Karmjitsinh Bihola
MS (Product Design-USA), B.E (Mechanical)
Founder, Innodesk Designovation Services, Gujarat, India



Coordinators
Prof. Nilesh Parmar
Prof. Toral Patel
SSIP Cell, GDEC, Navsari.

Join using Google Meet :
<https://meet.google.com/gpo-cckc-dup>
Date and Time:
24th Sep 2020, 11:00 AM to 01:00 PM

FDP/Webinars/Conferences/STTPs/Workshop Attended/Participated

Faculty Name	Event Name	Organized By	Organized Date/s
ASH Department			
Dr. Megha K.Tailor	Mathematical model on transmitting behaviour of covid-19	Department of Mathematics and Statistics, Manipal university, Jaipur	25th June, 2020
Dr. Megha K.Tailor	Fluid dynamics	Department of Mathematics and Statistics, Manipal university, Jaipur	25th June, 2020
Prof. Harshal G. Vashi	Patent search for engineers and lawyers	Online NPTEL AICTE FDP	July-September 2020
Prof. Harshal G. Vashi	Marketing Management-I	Online NPTEL AICTE FDP	July-September 2020
Prof. Harshal G. Vashi	Accreditation and Outcome Based Learning	Online NPTEL AICTE FDP	August-October 2020
Mr. Aakash Patel	Virtual visit on modern Physics-2020	IEEE, BVM	5th-13th, September, 2020
Mr. Aakash Patel	Utility of design lab for Research and start-up project	GEC, Gandhinagar	15th September, 2020
Prof. Ishita V Panchal	International conference on volatility, uncertainty, complexity, and ambiguity in business (ic-vuca 2020)	AICTE at Bhagwan Mahavir University, Surat	26th September 2020
Automobile Department			
Prof. Sunil R. Khokhar	Digital Education	Bishop appasamy college of arts & science Coimbatore	27th June - 3rd July 2020
Prof. Ankit K. Patel, Prof. Sunil R. Khokhar, Mr. Dixit R. Patel	FDP on Emerging Research Areas in Mechanical Engineering	Department of Mechanical Engineering, CMR Technical Campus, Hyderabad	29th June – 3rd July, 2020
Prof. Ashish O. Jain	"Indian Automotive Regulations Roadmap and upcoming Powertrain Technology" by Mr. Mandeep Dulat	Ganpat University - U. V. Patel College of Engineering	5th July 2020
Prof. Ankit K. Patel Prof. Sunil R. Khokhar Mr. Dixit R. Patel	National level webinar on Sustainability in Product Design	Institute of Engineering and Management Studies, Aurangabad	5th July 2020
Prof. Ankit K. Patel, Prof. Sunil R. Khokhar, Mr. Dixit R. Patel	Nanomaterial Synthesis, Process, Characterization and its Functional Applications	Department of Automobile Engineering Hindustan College of Engineering and Technology, Coimbatore	6th-11th July, 2020
Mr. Manoj U. Patel	Research Proposal Writing & opportunities in the field of science, Engineering & Management	R & D section- BIT, Bangalore	6th-11th July, 2020
Prof. Ashish O. Jain	Startup for Atmanirbhar Bharat" by Speaker: Dr. Sanjay Chauhan, Nikhil Methiya, Director, GTU Innovation Council, Director, Dronelab Startup Representative	IQAC, J.Z.Shah & H.P. Desai Commerce College, Amroli	6th July 2020
Prof. Ashish O. Jain, Prof. Sunil R. Khokhar Prof. Mayur J. Jalanapurkar, Mr. Dixit R. Patel	Vehicle Suspension Systems and Design	Deogiri Institute of Engineering and Management Studies, Aurangabad in association with Gabriel India Ltd	6th July 2020
Prof. Ashish O. Jain	Digital Transformation : eClassrooms & LMS	Shri. Surupsing Hirya Naik College of Education Navapur, Dist. Nandurbar	7th July 2020
Prof. Sunil R. Khokhar	INGREDIENTS FOR SUCCESS	Hindusthan College Of Engineering And Technology, Coimbatore, Tamil Nadu	8th July 2020
Prof. Sunil R. Khokhar	SMART RESEARCH ARTICLE COURSE OF ACTION AND SCATTERING	Mahendra Institute of Technology, Salem- Thiruchengode Highway	8th July 2020
Prof. Ashish O. Jain Prof. Sunil R. Khokhar	'Education & Innovation in the Post Covid Times' By Prof. V. Ramgopal Rao	i-Hub, Gujarat	10th July 2020
Prof. Ashish O. Jain Mr. Manoj U. Patel	Hydrogen as a Future Fuel	NIST, Behrampur	10th July 2020

Faculty Name	Event Name	Organized By	Organized Date/s
Prof. Ashish O. Jain	"Post Covid - Apna Time Aayega" by Anurag Basu	Rungta Group of Institutions (R1)	11th July 2020
Mr. Dixit R. Patel	Fundamentals of Nanofluids and Heat Transfer	Department of Mechanical Engineering, Marthandam College of Engineering & Technology	11th July 2020
Mr. Dixit R. Patel	Importance Of Ergonomic in Manufacturing Presented by Er.Muddassar Sayyad Lead Manufacturing Engineer, John deere Hoircon Works Wisconsin USA	Department of Mechanical Engineering, Mandsaur University	11th July 2020
Mr. Manoj U. Patel Mr. Dixit R. Patel	Aeroengines: Structural Engineers' Nightmare	B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai	11th July 2020
Prof. Ashish O. Jain	"Winning Over Covid-Recruitment Initiatives by TCS" by Manadeep Bagchi	Rungta Group of Institutions (R1)	12th July 2020
Prof. Ashish O. Jain, Prof. Ankit K. Patel Mr. Dixit R. Patel	Start your Career in Automobile Industry: My Journey from VEC to Nissan Renault	VEC, Chennai	12th July 2020
Prof. Ashish O. Jain	Pneumatic Control Valves	TATA Steel	18th July 2020
Prof. Ashish O. Jain	CAE Methods in Automotive	DIC, CiC3, GTU	18th July 2020
Prof. Ashish O. Jain	"Learn The Anatomy of a Digital Weapon" by Mr. Vivek Shangari	Rungta Group of Institutions (R1)	19th July 2020
Prof. Mayur J. Jalanapurkar	Prepare Students for Job Interview	NITTTR Bhopal	27th-31st July, 2020
Prof. Ashish O. Jain	Basic Engineering Thermodynamics	TATA Steel	31st July 2020
Prof. Ashish O. Jain	Electric Mobility & Its Ecosystem	SNS College of Technology, Coimbatore	1st August 2020
Prof. Mayur J. Jalanapurkar	NAAC Assessment & Accreditation Process	Internal Quality Assurance Cell, GTU	5th August 2020
Prof. Ashish O. Jain	Recent Advances In Tribology And Surface Engineering: Series 1 of 4 - Introduction to Tribology and Surface Engineering	Saintgits College of Engineering Kottayam, Kerala	17th-22nd August, 2020
Prof. Mayur J. Jalanapurkar	Effective & Innovative Teaching, Best Practices & Learning Strategies	VCET, Tamilnadu. (AICTE Sponsored)	17th-22nd August, 2020
Prof. Ashish O. Jain, Prof. Mayur J. Jalanapurkar	Recent Advances In Tribology And Surface Engineering: Series 2 of 4 - Tribology of Machine Components and Applied Tribology	Saintgits College of Engineering Kottayam, Kerala	14th-19th September, 2020
Prof. Ashish O. Jain	Engineers for Self Reliant India	IEI, VVnagar	15th Sept. 2020
Prof. Sunil R. Khokhar Prof. Mayur J. Jalanapurkar, Prof. Kenal D. Tandel	Training of Trainers (TOT) for Teacher Educators	NITTTR, Bhopal	5th-9th October, 2020
Prof. Sunil R. Khokhar Mr. Dixit R. Patel	"Automobile Engineering: Beginning of New Era"	Automobile Engineering Department, ADIT	5th-10th October, 2020
Prof. Ashish O. Jain	Recent Advances In Tribology And Surface Engineering: Series 3 of 4 - Introduction to Special Topics like – Nanotribology, Biotribology, Space Tribology, Biomimetics and Tribology in Industry	Saintgits College of Engineering Kottayam, Kerala	12th-17th October 2020
Prof. Sunil R. Khokhar	Automotive Engine, Emissions & Green Technology	Automobile Engineering Department, ADIT	12th-17th October 2020
Prof. Kenal D. Tandel Mr. Manoj U. Patel	Reinvigoratopn of Physical Education & Sports	Swarnim Gujarat Sports University & GTU	22nd-28th October 2020
Prof. Ashish O. Jain	Recent Advances In Tribology And Surface Engineering: Series 4 of 4 – Surface Characterization and Treatments in Tribology	Saintgits College of Engineering Kottayam, Kerala	23rd-28th November 2020

Faculty Name	Event Name	Organized By	Organized Date/s
Prof. Sunil R. Khokhar	Need for scientific computation in IC engine modelling	Arasu engineering college, Kumbakonam	19th Dec 2020
Civil Department			
Dr. Bhavin Patel	Multi Criteria Decision Making	REST Society for Research International, Tamil Nadu	15th - 20th May, 2020
Dr. Bhavin Patel	Indian Seismic Codes IS 1893:2016 & IS 139220:2019	R. M. K. Engineering College, Tamil Nadu	18th – 22nd May, 2020
Prof. Vikunj Tilva, Prof. Sunil Jaganiya	Latest Trends in Civil Engineering	DR.S.S GANDHI ENGG. COLLEGE, SURAT	22nd - 27th June, 2020
Dr. Bhavin Patel	Indian Higher Education	Indian Intellectuals	28th June, 2020
Prof. Jaldip J Patel	Recent Trends in Concrete Technology and Environmental Engineering	Hindustan college of engineering & technology Coimbatore	2nd – 4th July, 2020
Prof. Rajan Lad	Research In Engineering - A Way Forward		6th - 10th July, 2020
Prof. Vikunj Tilva	Design of RCC Structure	Department of Civil Engineering, Sandip Polytechnic, Nashik in association with Indian Society of Structural Engineers, Mumbai	7th - 12th July, 2020
Prof. Rajan Lad	Advances in Non Destructive Techniques and Concrete Repair Industry		10th July, 2020
Dr. Bhavin Patel, Prof. Vikunj Tilva	Geotechnical Engineering – Theory and Practice	Department of Civil Engineering, Kumaragu College of Engineering, Coimbatore	13th - 20th July, 2020
Prof. Rajan Lad	Military Bridges		13th July, 2020
Prof. Vikunj Tilva	Career Guidance through Civil Services	UBA Cell, RGIT and Department of Applied Sciences & Humanities of MCT's Rajiv Gandhi Institute of Technology	15th July 2020
Prof. Vikunj Tilva	The Helmet is Soft - Breaking the Industrial Stigma	Kumaraguru College of Technology, Coimbatore	19th July 2020
Dr. Bhavin Patel	Emerging Trends in Transportation Engineering	Department of Civil Engineering, Kumaragu College of Engineering, Coimbatore	21st - 26th July, 2020
Prof. Rajan Lad	Smart Solutions in Civil Engineering		21st - 23rd July, 2020
Prof. Jaldip J Patel	BIS Code in Geotechnical engineering	Vidyavardhaka College of engineering	22nd July, 2020
Prof. Vikunj Tilva, Prof. Sunil Jaganiya	Universal Human Value	AICTE	23rd - 27th July, 2020
Prof. Rajan Lad	Case Study for Project Management		23rd July, 2020
Prof. Jaldip J Patel	BIS Code in Steel Structures	Vidyavardhaka College of engineering	23rd July, 2020
Prof. Jaldip J Patel	Case study for Project Management	Vidyavardhaka College of engineering	23rd July, 2020
Prof. Rajan Lad	Clean water: The first medicine for life		24th July, 2020
Prof. Nilesh Parmar	National Webinar on journey of durable rigid payment	ICI and Ultra tech cement pvt ltd.	25th July, 2020
Prof. Jaldip J Patel	IRC Guidelines	CSPIT,Charuset	25th July, 2020
Dr. Bhavin Patel	Integrated Urban Water & Wastewater Management	PSG Institute of Technology and Applied Research Neelambur, Coimbatore	27th – 31st July, 2020
Prof. Rajan Lad	Advancements in Civil Engineering		27th - 31st July, 2020

Faculty Name	Event Name	Organized By	Organized Date/s
Prof. Rajan Lad	ABC of Construction: Artificial Intelligence and Digital Twins + BIM + Computer Vision		28th July, 2020
Dr. Bhavin Patel	A case study on Alternative Construction Technologies	Department of Civil Engineering and Engineering Council of India, New Delhi	29th July, 2020
Prof. Rajan Lad	Sustainable Developments in Civil Engineering		3rd - 8th August, 2020
Prof. Rajan Lad	Recycling Techniques for Sustainable Pavement		4th August, 2020
Prof. Rajan Lad	Energy and Geo structures and Sustainable Geo Technical Engineering		5th August, 2020
Prof. Rajan Lad	NAAC Revised Accreditation Guideline & Role of IQAC post COVID-19		6th August 2020
Prof. Vikunj Tilva	Emerging Trends in Geotechnical Testing & Design	IEI (India), L D College of Engineering & IGS	8th August, 2020
Prof. Rajan Lad	Importance of Construction Contract and Project Management		9th August, 2020
Dr. Bhavin Patel	Advancement in Concrete Technology	Department of Civil Engineering In - Association with " ICI Student Chapter" – Telangana	10th August, 2020
Prof. Rajan Lad	Effective Tools and Techniques in Qualitative Research		10th - 14th August, 2020
Prof. Rajan Lad	Practical Aspect and research opportunities in concrete structure		10th & 11th August, 2020
Prof. Rajan Lad	Author's Conclave		11th - 17th August, 2020
Dr. Bhavin Patel	A road map for higher education in abroad with funding opportunities	Department of Civil Engineering, Vishnu Institute of Technology, Andhra Pradesh	18th August, 2020
Prof. Rajan Lad	Significance and Application of ICT in Teaching Learning Process		19th August, 2020
Dr. Bhavin Patel	Advanced Surveying and Geo- Informatics	Department of Civil Engineering in association with IQAC-MSRIT, Bangalore	24th - 29th August, 2020
Prof. Vikunj Tilva	Yoga for concentration and usefulness	GTU	24th - 26th August, 2020
Prof. Nilesh Parmar	Concrete Day Celebration	ICI and Ultra tech cement pvt ltd	10th September, 2020
Prof. Vikunj Tilva	Cement Concrete Pavements	Rajiv Gandhi University of Knowledge Technologies, RK Valley Campus, Kadapa, Govt. of A.P.	7th - 11th September, 2020
Prof. Vikunj Tilva	Design of Earthquake Resistant Structures	National Institute of Technical Teachers Training and Research Chennai	21st - 25th September, 2020
Prof. Rajan Lad	Reinvigoration of Physical Education & Sports		22nd - 28th October, 2020
Prof. Rajan Lad, Prof Jaldip J Patel	Strategic Civil Infrastructure	Dr. S. & s. s. Gandhi government engineering college, surat	23rd - 27th November, 2020
Dr. Bhavin Patel, Prof Jaldip J Patel	Earthquake Engineering	L D College of Engineering, Ahmedabad	1st to 5th December, 2020
Computer Department			
Prof. Tejas Patel	PYTHON 3.4.3	Sri Ramakrishna Mission Vidyalaya under Spoken Tutorial Project, IIT Bombay	January, 2020
Prof. Tejas Patel	INTELLECTUAL PROPERTY FOR NEW INDIA	Gujarat Technological University	16th May, 2020
Prof. Tejas Patel	AI FOR EVERYONE	R. N. G. Patel Institute of Technology, Bardoli	16th May, 2020

Faculty Name	Event Name	Organized By	Organized Date/s
Prof. Tejas Patel	JAVA WITH IDE	R. N. G. Patel Institute of Technology, Bardoli	16th May, 2020
Prof. Tejas Patel	BLOCKCHAIN TECHNOLOGY: INTRODUCTION, USE CASES AND CAREER OPPORTUNITIES	R. N. G. Patel Institute of Technology, Bardoli	27th May, 2020
Prof. Tejas Patel	SKILLING TEACHERS FOR ONLINE EDUCATION	Uka Tarsadia University, Bardoli	6th June, 2020
Prof. Tejas Patel	ESSENTIAL SKILLS FOR JOBS IN A POST-COVID19 WORLD	Tata Power Skill Development Institute – Mundra	9th June, 2020
Prof. Kushal Patel	Recent Trends in IoTs and Cloud Computing	Computer Engineering Department, S. V. National Institute of Technology, Surat	29th June- 3rd July, 2020
Prof. Kushal Patel	COMPREHENSIVE ONLINE INTELLECTUAL PROPERTY RIGHTS (IPR)	Gujarat Student Startup and Innovation Hub (i - Hub)	6th July – 14th September, 2020
Prof. Kushal Patel	Rationale of a Start-up based on Design Thinking, 10 Steps for a new Start-up and 10 Steps for Start-up Growth and Market Entry	Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat	10th August 2020
Prof. Kushal Patel	Design Thinking as a Catalyst to Innovation	Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat	11th August 2020
Prof. Kushal Patel	Design Thinking - For Mind and Start-up	Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat	13th August 2020
Prof. Kushal Patel	Starting and Failing Early	Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat	14th August 2020
Prof. Hetal Patel, Prof. Bhumika Patel, Prof. Kushal Patel	Sustainable Village Development and Unnat Bharat Abhiyan	Regional Coordinating Institution-UBA SVNIT, Surat in Association with Mahatma Gandhi National Council of Rural Education	24th - 28th August, 2020
Prof. Hetal M Patel, Prof. Bhumika H Patel, Prof. Vibhuti P Patel	Blockchain Technology: Challenges and Oppurtunities	GTUC- Graduate School of Engineering and Technology under Information Security Education and Awareness(ISEA) Project II	31st August - 4th September, 2020
Prof. Kushal Patel	Artificial Intelligence	National Institute of Technology Puducherry and AICTE Training And Learning (ATAL) Academy Online FDP	21st – 25th September, 2020

Electrical Department

Prof. Dhaval Patel	KNOWLEDGE SHARING SESSION ON RECENT TRENDS AND ITS APPLICATION IN ELECTRONICS	St. Martin's Engineering College, An Autonomous Institute, Dhulapally, Secunderabad	3rd to 7th May, 2020
Prof. Dhaval Patel	Idea to market; The Design Journey	i-Hub, Gujarat	31st May, 2020
Prof. Dhaval Patel, Prof. Ketan K. Lad, Prof. Ankur P Desai	Improved Power Quality Converters	Electrical Department of GIDC Degree Engineering College, Abrama, Navsari	6th June, 2020
Prof. Dhaval Patel, Prof. Ankur P Desai	Multiphase Induction Motor	Electrical Department of GIDC Degree Engineering College, Abrama, Navsari and Madhuben & Bhanubhai Patel Institute of Technology, V.V.Nagar	19th June, 2020
Prof. Dhaval Patel	Waste management techniques with special attention to covid-19	SVNIT, Surat	22nd – 26th June, 2020

Faculty Name	Event Name	Organized By	Organized Date/s
Prof. Dhaval Patel	ग्रामीण विकास	Enabling Self-Reliant Economy Through Techno-Social Innovation In A Perspective of Post COVID-19 Rural India conducted under UBA Cell, RGIT, MUMBAI	25th to 27th June, 2020
Prof. Dhaval Patel, Prof. Bhavesh Patel	BIOENERGY: TRANSITION AND TECHNOLOGY	Center for Energy and Environment of Dr B. R. Ambedkar National Institute of Technology NIT Jalandhar	3rd July, 2020
Prof. Bhavesh S Patel	Recent Research trends in electrical engineering	Electrical engineering department, school of engineering, GBU	14th - 18th July, 2020
Prof. Bhavesh S. Patel	Introduction to Simulation and Techno-Economic Analysis of Micro grid	Department of Electrical Engineering, N.G.Patel Polytechnic Isroli	23rd July, 2020
Prof. Khyati Naik, Prof. Jay R. Desai	Applications of Artificial Intelligence on Electrical Devices & Networks	Department of Electrical & Electronics Engineering of St. Martin's Engineering College, Dhulapally, Secunderabad, T.S, India in association with CY9, Texas, USA & byte XL, T.S, India	1st - 3rd August, 2020
Prof. Bhavesh S Patel	Real time application of Opal-RT for Power electronics, Smart grid and Micro grid	School of engineering, VIT Chennai	3rd - 7th August, 2020
Prof. Dhruvang Gayakwad	Simulation of Electrical and Electronics Projects using Proteus Software	Department of Electrical and Electronics Engineering of Sethu Institute of Technology, Pulloor, Kariapatti	7th August, 2020
Prof. Dhaval Patel, Prof. Bhavesh Patel	Rationale of a start-up based on design thinking, 10 step for a new start-up and 10 step for start-up growth and market entry	Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat	10th August, 2020
Prof. Ankur P Desai	Numerical Protection of Induction Motor	Electrical Department, SCET, Surat	10th August, 2020
Prof. Ketan K. Lad	Design Thinking as a Catalyst to Innovation	Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat	11th August, 2020
Prof. Dhaval Patel, Prof. Ketan K. Lad	Design Thinking - For Mind and Start-up	Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat	13th August, 2020
Prof. Dhaval Patel	Unnat Bharat Abhiyan for Sustainable Development of the Villages	Gujarat Technological University and Organized by Regional Coordinating Institute IIT Gandhinagar and SVNIT, Surat	17th August, 2020
Prof. Ankur P Desai	Detailed Motor Design using JMAG	Powersys	17th August, 2020
Prof. Ketan K. Lad, Prof. Bhavesh S. Patel	Sustainable Village Development and Unnat Bharat Abhiyan	Regional Coordinating Institution-UBA SVNIT, Surat in Association with Mahatma Gandhi National Council of Rural Education	24th - 28th August, 2020
Prof. Dhaval Patel	Energy Engineering	Syed Ammal Engineering College , AICTE Training and Learning (ATAL) Academy Online FDP	24th -28th August, 2020
Prof. Jay R. Desai	Utility of Design Lab for Research and Startup Projects	GEC, Gandhinagar	15th September, 2020
Prof. Dhaval Patel	Transportation & Automobile Design	Karpagam college of Engineering, AICTE Training and Learning (ATAL) Academy Online FDP	21st - 25th September, 2020
Prof. Ketan K. Lad	Artificial Intelligence and Machine Learning Applications in Biomedical Engineering	University BDT College of Engineering, AICTE Training And Learning (ATAL) Academy Online FDP	21st - 25th September, 2020

Faculty Name	Event Name	Organized By	Organized Date/s
Prof. Ankur P Desai, Prof. Jay R. Desai , Prof. Khyati Naik Prof. Dharmishtha Patel	Training of Trainers (TOT) for Teacher Educators	NITTTR, Bhopal	21st -25th September,2020
Prof. Ketan K. Lad	Artificial Intelligence and Machine learning	Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Gandhi Government Engineering College, Surat	2nd October, 2020
Prof. Dhruvang Gayakwad, Prof. Rohit Damor and Prof. Bhavin Trivedi	Training of Trainers (TOT) for Teacher Educators	NITTTR, Bhopal	5th - 9th October, 2020
Prof. Dhaval Patel	Solar Energy Application in Present Era	Mechanical Engineering Department, Government Engineering College Patan	16th October, 2020
Prof. Dhaval Patel	Reinvigoration of Physical Education & Sports	Swarnim Gujarat Sports University & Gujarat Technological University	22nd – 28th October, 2020
Prof. Bhavesh S. Patel	E-MOBILITY IN INDIA	Department of Electrical and Electronics Engineering, New Horizon College of Engineering, Bengaluru, in Association with Skill Shark Edu Tech Pvt Ltd, Hyderabad	26th October, 2020
Prof. Bhavesh S. Patel	Power System Reliability	National Institute of Technology Delhi, AICTE Training and Learning (ATAL) Academy Online FDP	26th - 30th October, 2020
Prof. Ketan K. Lad	Artificial Intelligence	Sarvajanik College of Engineering and Technology, AICTE Training and Learning (ATAL) Academy Online FDP	23rd - 27th November, 2020

Mechanical Department

Prof. Akash A Patel	Module 1 : Orientation Towards Technical Education & Curriculum Aspects	Nittt, Swayam-Nitttr, Chennai	1st July, 2020
Prof. (Dr.) H.S. Patil	Employability Post COVID Era: Expectation of Industry vs Education System's Preparedness.	ASSOCHAM, ISHRAE, Pune Chapter.	10th July, 2020
Prof. Bruhad S. Naik	Career Guidance through Civil Services	UBA Cell, RGIT and Department of Applied Sciences & Humanities of MCT's Rajiv Gandhi Institute of Technology	15th July, 2020
Prof. Bruhad S. Naik	Accreditation webinar series "W4- Assessment of Cos, POs and PSOs"	National Institution of Technical teacher's Training and Research, Bhopal.	21st July, 2020
Prof. Bruhad S. Naik	NAAC Assessment and Accreditation Process	Internal quality Assurance Cell. Gujarat Technological University	5th August, 2020
Prof. Bruhad S. Naik	Accreditation webinar series "W8- Compiling Faculty Information and Contribution"	National Institution of Technical teacher's Training and Research, Bhopal.	13th August, 2020
Prof. Dhavalkumar s. chaudhari	Creativity, Innovation & Start-up	Laxmi Institute Of Technology, Sarigam	14th August, 2020
Prof. Bruhad S Naik, Prof. Akash A Patel	FDP "Recent Trends in Mechanical Engineering"	Department of Engineering Sciences, AISSMS Institute of Information Technology, Pune	17th - 21st August, 2020
Prof. (Dr.) H.S. Patil	Accreditation webinar series "W9- Continuous Improvement , Institutional Governance and Support System"	National Institution of Technical teacher's Training and Research, Bhopal	18th August, 2020
Prof. (Dr.) H.S. Patil	Accreditation webinar series "W10- Apply for Accreditation"	National Institution of Technical teacher's Training and Research, Bhopal.	20th August, 2020

Faculty Name	Event Name	Organized By	Organized Date/s
Prof. Harsh R. Naik, Prof. Akash A Patel	Industry Define Project & User Defined Project Orientation	PU WEBINAR, VADODARA	4th September, 2020
Prof. Krunal Hathiwala	Nurturing Innovation And Startup Ecosystem	I HUB, Government of Gujarat	12th September - 24th October, 2020
Prof. Akash A Patel	FDP On " 3d Printing & Design"	Aicte Training And Learning (Atal) Academy, Bharati Vidhyapeeth College Of Engineering, Navi Mumbai	14th -18th September 2020
Prof. Bruhad S. Naik	The Blessings of River Narmada - A National Historical Perspective	Civil Engineering Department of Vishwakarma Government Engineering College	15th September, 2020
Prof. (Dr.) H.S. Patil	National Education Policy 2020- Higher Education Perspectives	National Institution of Technical teacher's Training and Research, Bhopal	17th September, 2020
Prof. Akash A Patel	Nasa Space Apps Bootcamp Series	IET, Chennai Local Network	19th September – 1st October 2020
Prof. Akash A Patel	Tot For Teacher Educators	NITTTR, BHOPAL	21st – 25th September 2020
Prof. Dhavalkumar s. chaudhari	FDP on "Energy Engineering"	AICTE Training And Learning (ATAL) Academy, Shri mata veshno devi university, Jammu	21st -25th September, 2020
Prof. Daksh R. Tandel	Overview of Energy Audit in Buildings and Industries	ISHRAE (Indian society of heating refrigeration and air conditioning) webinar	30th September, 2020
Prof. Krunal Hathiwala	Startup Opportunities in Electric Hybrid Vehicle for Indian Market	GTU Innovation And Start up Center	30th September, 2020
Prof. (Dr.) H.S. Patil	AICTE mentor training Programme	AICTE Bhopal	October 2020
Dr. D.C. Patel	AICTE mentor training Programme	AICTE Bhopal	October 2020
Prof. Bruhad S Naik, Prof. Dharmik A. Patel Prof. Krunal Hathiwala	Online FDP on "Energy Engineering"	Platform: ATAL Organizer: VISHWAKARMA INSTITUTE OF TECHNOLOGY	5th - 9th October, 2020
Prof. Dhavalkumar s. chaudhari	FDP on "3D printing"	ATAL, Institute of Engineering and Science Indore (M.P)	6th - 10th October, 2020
Prof. Harsh R. Naik	Online FDP on "Operations Management"	AICTE Training And Learning (ATAL) Academy, Chhatrapati Shivaji Institute of Technology	12th - 16th October, 2020
Prof. Dhavalkumar s. chaudhari	FDP on "Nanotechnology and applications"	NITTTR, Chennai	12th - 16th October, 2020
Prof. Dhavalkumar s. chaudhari	53rd Engineer's day celebration "Engineers for self-Reliant India"	The Institution of Engineers, Vallabh vidyanagar	15th October, 2020
Prof. Bruhad S Naik	Online FDP on "Mechatronics"	Platform: ATAL Organizer: G H Patel College of Engineering and Technology	19th -23rd October, 2020
Prof. Akash A Patel	Virtual Orientation And Training Workshop On Design Lab	Gujcost, Gandhinagar	3rd & 4th November, 2020
Prof. Dharmik A. Patel, Prof. Akash A Patel	Instructional Strategies For Effective Online Teaching Of Engineering Graphics	Saveetha Engineering College	5th & 6th December, 2020

Technical E- Quiz Conducted

Faculty Name	Event Name	Organized on
Prof. Rajan Lad	Transportation Engineering	24th – 26th July, 2020



E-LEARNING COURSES/MODULES COMPLETED

Faculty Name	Course Name	Organized By	Organized on
Automobile Department			
Prof. Ashish O. Jain	12th Summer School in Tribology	Tribology Society of India	21st-24th July 2020
Prof. Sunil R. Khokhar	Course On Introduction To Electric Vehicle	Electrical Engineering in H.S.B.P.V.T's G.O.I. Parikrama C.O.E. Kashti	26th July 2020
Prof. Mayur J. Jalanapurkar	Virtual International Short term course on Tribology & Sustainability	SRM Institute of Science & Technology, TN	24th-28th August, 2020
Civil Department			
Prof. Nilesh Parmar	COMPREHENSIVE ONLINE INTELLECTUAL PROPERTY RIGHTS (IPR)	Gujarat Student Start-Up and Innovation Hub (I - Hub)	6th July - 14th September, 2020
Computer Department			
Prof. Tejas Patel	The Fundamental of Digital Marketing	GOOGLE (Google Digital Garage)	6th June, 2020
Electrical Department			
Dr. R. J. Motiyani, Prof. Dhaval Patel, Prof. Jay R. Desai	Learn To Design Your Own Solar Home System	Energy Literacy Drive of the Energy Swaraj Foundation by Department of Energy Science and Engineering, IIT Bombay	July, 2020
Prof. Dhaval Patel	COMPREHENSIVE ONLINE INTELLECTUAL PROPERTY RIGHTS (IPR)	Gujarat Student Start-Up and Innovation Hub (I - Hub)	6th July - 14th September, 2020
Prof. Jay R. Desai	Nurture Innovation & Incubation Manager on "Nurturing Innovation and Startup Ecosystem (NISE)	Gujarat Student Start-Up and Innovation Hub (I - Hub)	8th September – 24th October, 2020
Prof. Ankur P Desai	Build Multilayer Perceptron Models with Keras	Coursera	14th September, 2020
Mechanical Department			
Prof. (Dr.) H.S. Patil	Product design and Manufacturing	NPTEL	Jan- April 2020
Dr. D.C. Patel	Product design and Manufacturing	NPTEL	Jan- April 2020
Daksh R Tandel	certification course comprehensive online intellectual property rights	Gujrat student startup and Innovation hub(i hub)	6th July – 14th September, 2020
Prof. Dhaval S. Chaudhari	Advance in welding and joining technologies	NPTEL	Sep- Dec 2020

Paper Publication**ASH Department**

- Prof. Ishita V Panchal had published a paper titled "knowledge management in banking sector of south gujarat" in Shodh Sarita UGC care listed journal ISSN 2348-2397

Civil Department

- Dr. Bhavin Patel has published paper entitled "Paver Block Using Copper Slag and Plastic Waste" in International Journal for Research in Applied Science & Engineering Technology in Volume8, Issue IX, September 2020.

Electrical Department

- Dr. R. J. Motiyani has published a paper entitled "Measurement Configuration For State Estimation Using Graph Theoretic Approach" in Journal of Critical Reviews VOL 7, ISSUE 15, 2020, pp. 5660-5667 (UGC CARE Listed Scopus Indexed Journal, ISSN: 2394 5125).
- Dr. R. J. Motiyani has published a paper entitled "Measuring and Analyzing the Entrepreneurial Quotient (EQ) of Graduating Engineers" in the Journal of "Pacific Business Review International" Volume 12 issue 12 June 2020, pp. 85-87 (UGC CARE Listed Web of Science Journal, ISSN: 0974-438X)

Mechanical Department

- Prof. Daksh R Tandel published a research paper with title "Development and Testing of evacuated box solar collector" in Journal of Manufacturing Engineering, ISBN/ISSN: 0973-6867, in June 2020.



NATIONAL/STATE/ONLINE QUIZ

Faculty Name	Event Name	Organized By	Organized on
Automobile Department			
Prof. Ashish O. Jain	E-Quiz on “Basics of Mechanical Engineering”	MED, Vidyavardhaka College of Engineering, Mysore	8th July 2020
Prof. Sunil R. Khokhar	E-Quiz on “Modern Machining Process”	Sri Taralabalu Jagadguru Institute of Technology, Ranebennuru, Karnataka	7th July 2020
Prof. Sunil R. Khokhar	“Green Marketing”	Jayamukhi Institute Of Technological Sciences	8th July 2020
Prof. Sunil R. Khokhar	E-Quiz on “Basics of Mechanical Engineering”	MED, Vidyavardhaka College of Engineering, Mysore	8th July 2020
Prof. Sunil R. Khokhar	“Strength of Materials”	Vishnu Institute of Technology, Bhimavaram	25th July 2020
Prof. Sunil R. Khokhar	Refrigeration & Air Conditioning	T.J.S Engineering College	2nd August 2020
Civil Department			
Prof. Rajan Lad	Soil Mechanics		17th July, 2020
Prof. Rajan Lad	Fundamental in Civil Engineering		19th July 2020
Prof. Rajan Lad	Plastic Waste Management		21st July 2020
Prof. Rajan Lad	Highway Engineering		30th July 2020
Prof. Rajan Lad, Prof. Jaldip J Patel	Reinforced Concrete Structure	St. Joseph Engineering College Managaluru	30th July, 2020
Prof. Rajan Lad	Fluid Mechanics		6th August 2020
Prof. Rajan Lad	Structural Analysis		10th - 12th August, 2020
Computer Department			
Prof. Tejas Patel	COVID-19 AWARENESS PROGRAMME	Uka Tarsadia University, Bardoli	22nd May, 2020
Prof. Tejas Patel	COVID-19 AWARENESS QUIZ	N. G. Patel Polytechnic College, Bardoli	16th May, 2020
Electrical Department			
Prof. Jay R. Desai	We Care for Our Environment	World Environment Day	5th June 2020

Book Publication

- Prof. (Dr.) H. S. Patil has published a book on “Machine Design – I (Code: BTMEC503)” with ISBN No- 978-93-89835-92-2 for Mechanical Engineering Students of Dr. Babasaheb Ambedkar Technological University in the month of December 2020 in association with Tech-Neo Publication Pune.
- Prof. (Dr.) H. S. Patil has published a book on “Dynamics of Machinery (Code: 2161901)” with ISBN No- 978-93-89926-42-2 for Mechanical / Automobile Engineering Students of Gujarat Technological University in the month of November 2020 in association with Tech-Neo Publication Pune.
- Prof. (Dr.) H. S. Patil has published a book on “Kinematics and Theory of Machines (Code: 3131906)” with ISBN No- 978-93-90376-85-8 for Mechanical / Automobile Engineering Students of Gujarat Technological University in the month of October 2020 in association with Tech-Neo Publication Pune.
- Prof. (Dr.) H. S. Patil has published a book on “Dynamics of Machinery (Code: MEC504)” with ISBN No- 978-93-90376-68-1 for Mechanical / Automobile Engineering Students of University of Mumbai in the month of September 2020 in association with Tech-Neo Publication Pune.
- Prof. (Dr.) H. S. Patil has published a book on “Fundamental of Machine Design (Code: 3141907)” with ISBN No- 978-93-89835-92-2 for Mechanical / Automobile Engineering Students of Gujarat Technological University in the month of January 2020 in association with Tech-Neo Publication Pune.

This News Letter is published on behalf of GIDC Degree Engineering College by Dr. Neeraj. D. Sharma, Principal

