Dr D Y Patil School of Engineering, Lohegaon, Pune.

ANNUAL REPORT
Academic Year 2020-21

ACADEMIC YEAR 2020-21

ANNUAL REPORT

Submitted to
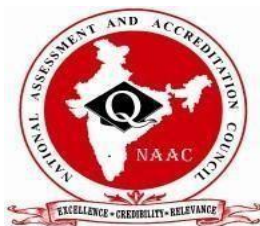
THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

INDEX

Vision

Empowerment through quality technical education

Mission

M1: To excel as a center of excellence in technical education

M2: To impart skill based education to meet the needs of industry and Society

M3: To achieve excellence in teaching, learning and research

M4: To inculcate social &ethical values among the students

Quality Policy

We strive to impart the quality technical education through academic excellence and provide best of facilities to satisfy the need & expectations of the students & stakeholders.

About the Institute

- **Name of the Institute:** Dr D Y Patil School of Engineering

- **Address of the Institute:** Dr D Y Patil Knowledge City, Charholi Bk., Via. Lohegaon, Pune – 412 105

- **Name of the Principal :** Dr F. B. Sayyad

- **Contact Number :** Tel: 020-35037922

- **Website:** www.dypsoe.in

- **AICTE Permanent Approval Number:** 1- 3847411

- **College ID Number by Directorate of Technical Education, Maharashtra:** EN 6732

- **Pune University College ID number:** CEGP015720

- **AISHE ID: C-46648**

Glimpses of the Campus

Indore Sports Facility

Outdoor Sports Facility

Auditorium

Rain water Harvesting System

- Our campus landscape is design such a way that all rain water flow will go towards the natural lake and also near Bore well which recharge our Bore well naturally.

Solar Power System

- Hostel building roof installed solar system of   KV
- Installation of solar system on other building roofs is in process, order is placed already for vendor

Library

Curricular Aspects

Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Total Programs: 5 UG, 3 PG

Programme Code	Programme name	Year of Introduction	Status of implementation of CBCS / elective course system (Yes/No)	Year of implementation of CBCS / elective course system
673224510	Computer Engineering	2008-2009	Yes	2020-2021
673219110	Civil Engineering	2008-2009	Yes	2020-2021
673237210	Electronics & TeleCommunication	2008-2009	Yes	2020-2021
673261210	Mechanical Engineering	2008-2009	Yes	2020-2021
673224510	Computer Engineering (PG)	2013-2014	Yes	2020-2021
673237210	E&TC_VLSI & Embedded System(PG)	2013-2014	Yes	2020-2021
673261210	Mechanical Design Engineering (PG)	2012-2013	Yes	2020-2021
673299510	AI & DS	2020-21	Yes	2020-2021

Add on / Certificate Programs offered during A.Y. 2020-21

Name of Add on /Certificate programs offered	Duration of course	Number of students enrolled and completed the course in the year
Workshop on "Hands on Python Workshop with Application & Cloud Deployment"	36 hours	60
Audit Course (German Language)	40 hours	179

Number of courses that include experiential learning through project work/field work/internship during the year

Total Number of activities: 17

Program name	Program code	Name of the Course that include experiential learning through project work/field work/internship	Course code	Year of offering	Name of the student studied course on experiential learning through project work/field work/internship
BE Computer	BE Computer(Project Work)673224510	Project Work	410248	2020-21	BE Class-(173)
SE Computer	SE Computer(Project Based Learning)673224510	Mini Project	210258	2020-21	SE Class_(179)
ME Computer	ME Dessertation 673224510	Stage 1	610105	2020-21	ME Class_(3)
ME Computer	ME Dessertation 673224510	Stage 2	610108	2020-21	ME Class_(3)

FE(2019 Course)	FE(Project Based Learning)	Assignments/Activities/Models etc	110013	2020-21	FE (280)
BE CIVIL	BE CIVIL (Project Work)673219110	Project Work	401006	2020-21	BE Class-(65)
SE CIVIL	SE CIVIL (Project Based Learning)673219110	Mini Project	201017	2020-21	SE Class_(101)
BE E&TC	BE E&TC project work (project stage I)673237210	Project work	404188	2020-21	BE class (62)
BE E&TC	BE E&TC project work (project stage II)673237210	Project work	404195	2020-21	BE class (62)
SE E&TC	SE E&TC project work (project Based Learning)673237210	Project work	204200	2020-21	SE class (55)
ME E&TC	ME E&TC project work (project stage I)673237210	Project work	604205	2020-21	ME class (5)
ME E&TC	ME E&TC project work (project stage II)673237210	Project work	604207	2020-21	ME class (5)
TE E&TC	TE E&TC (Employability skills and mini project)673237210	Project work	304196	2020-21	TE class (55)
BE Mechanical	BE Mechanical project work (project stage I)673261210	Project-I	402046	2020-21	BE Class(215)
BE Mechanical	BE Mechanical project work (project stage II)673261210	Project-II	402051	2020-21	BE Class(215)
ME Mechanical Design	ME Mech Design project work (project stage I)673261210	Project Stage I	602217	2020-21	ME class (18)
ME Mechanical Design	ME Mech Design project work (project stage II)673261210	Project Stage II	602219	2020-21	ME class (18)

Number of students undertaking project work/field work/ internships

Total No of students benefited: 36

Programme Code	Program Name	List of students undertaking project work/field work/internship
673224510	**Computer Engineering**	Sadichha Khedkar
		Swati Jagtap
		Meghana Rikibe
		Sampada Pathare
		Kshitija Gade
		Vaishali Kale
		Pratiksha Survase
		Akash Raju Mote
		Kanhaiya Jagannath Patil
		Chavan Akshay Pradeep
		Saraf Mrunal Sureshrao
		BURDE RESHMA SANTOSH
		ANAP SRUSHTI SUNIL
		ANDHARE PRACHI VISHWANATH
		KAMBLE NEHA VINAYAK
		Tejashri Anil Sawant
		Shewale Manorama Sandeep
		Supriya Kiwade
673219110	**Civil Engineering**	Samiksha Shirke
		Akash Tope
		Yashshree Patil
		Kate Abhishek
		Aditi Mahesh Salvi
		Sandip Bhorkar
		Nanasaheb Gaikwad
		Divya Khanal
		SHREYAS REWATKAR
		Samiksha Shirke
		Akash Tope
		Yashshree Patil
		Abhishek Kate
		Sanket Barhate
673237210	**Electronics & TeleCommunication**	Prabal Pandey
		Rushikesh Dhule
		Priyanka Chourasia

		Saloni Aitlawar
		Saloni Aitlawar
673261210	**Mechanical Engineering**	Amar Avinash Patil

Feedback Process

Institute has obtained feedback on the syllabus and its transaction from the following stakeholders:

1) Students 2)Teachers 3)Employers 4)Alumni

Feedback is analyzed, Action taken on it, sent to SPPU BoS, uploaded on website.

Teaching- Learning and Evaluation

Number of students admitted during the year

Year	2020-21
Number	1795

Number of sanctioned seats during the year

Year	2020-21
Number	492

Number of actual students admitted from the reserved categories during the year

Year	2020-21
Number	116

Student- Full Time Teacher Ratio

Year	2020-21
Number of Students	1795
Number of teachers	92
Student Teacher Ratio	1:20

Number of Full Time Teachers against Sanctioned Posts during the year

Year	2020-21
Number	92

Number of Full Time Teachers with Ph. D during the year

Year	2020-21
Number	12

Number of years of teaching experience of full time teachers in the same

Institution during the year

Year	2020-21
Number	401.5

Pass percentage of Students during the year

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
2020-21	673219110	UG-Civil Engineering	63	61
2020-21	673261210	UG-Mechanical Engineering	212	207
2020-21	673237210	UG-E&TC Engineering	63	62
2020-21	673224510	UG-Computer Engineering	172	171
2020-21	673261210	PG-Mechanical Engineering	20	19
2020-21	673237210	PG-E&TC Engineering	5	5
2020-21	673224510	PG-Computer Engineering	3	3
			538	528

Student Satisfaction Survey

Institute has conducted Student Satisfaction Survey. 76% of the students responded to survey. Mean satisfaction level of the student is 3.23 on the scale of 4. The most occurring expectations, observations, and suggestions are communicated to the head of the institute for necessary action and uploaded on website.

Research, Innovations and Extension

Research projects funded by Government and Non Government Agencies during the year 2020-21

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Strategic Planning for Water Resources and Implementation of Novel Biotechnical Treatment solutions and Good Practices (SPRING)	Dr.Saniya Ansari	E & TC Engineering	May 2020	82 Lakhs	3 Years	DBT, India	Government

Number of Seminars/conferences/workshops conducted by the institution during the year

Total:19

Sr. No.	Name of the workshop/ seminar	Number of Participants	Date From – To
1	Future opportunities in industry as design engineer	102	27-28/05/2021
2	FDP on "Journey to Research & Beyond"	200	21/05/2021 to 25/05/2021
3	Higher Study Opportunity across abroad	583	18/5/2021
4	Industrial Applications of Ferrous Metallurgy	104	13/05/2021
5	Seminar on Application of Strength of Materials in Automotive Sector	76	15/04/2021
6	Startup and Entrepreneurship	25	05-04-2021
7	Power of Cyber Security and Splunk	25	27/3/2021
8	My first step in startup	232	19/03/2021

9	Machine Learning	27	17/3/2021
10	Advance Processor	22	17/3/2021
11	Hands on Python Workshop with Applications & Cloud Deployment	66	23/02/2021-27/02/2021
12	Two days workshop on Robotics	451	22-23/01/2021
13	Workshop on Hands on Python Workshop with Applications & Cloud Deployment	66	23/02/2021-27/02/2021
14	Webinar on Tech-Buzz of IoT and Startup-Business	175	19/12/2020
15	International Conference – DYPICCE 2020	48	17/12/2020 -18/12/2020
16	Webinar on Opportunities and Challenges in Data Science and Machine Learning industry	200	07-11-2020
17	Internships in Construction Project Management with Details (Duration 1-3-6-12 Months) & E-Tendering	85	31/10/2020
18	Webinar on Machine Learning Using Python	100	29/10/2020
19	Webinar on construction costing and budgeting	35	30/09/2020

Book/Chapters published by Staff Members in 2020-21

Total:10

Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
Dr. S. M. Koli	"Video Signal Transmission in Next Generation Wireless Networks -A framework for the design of dynamic multilayer architecture"	A framework for the design of dynamic multilayer architecture	NA	NA	International	March 2021	ISBN: 978-620-3-46488-7	DYPSOE	LAP Lambert Academic Publishing, Mouritius Island, Africa
Dr Farook Sayyad	Production Process	NA	NA	NA	National	2020	978-93-89889-93-2	Dr. D Y Patil School of Engineeirng, Lohegaon, Pune	Techknowledge
Dr Farook Sayyad	Kinematics of Machinery	NA	NA	NA	National	2021	978-93-90694-36-5	Dr. D Y Patil School of Engineeirng, Lohegaon, Pune	Techknowledge
Dr Farook Sayyad	Manufacturing Process	NA	NA	NA	National	2021	978-93-90694-37-2	Dr. D Y Patil School of Engineeirng, Lohegaon, Pune	Techknowledge
Dr Farook Sayyad	Materials & Metallurgy	NA	NA	NA	National	2021	978-93-89889-93-8	Dr. D Y Patil School of Engineeirng, Lohegaon, Pune	Techknowledge

Dr Farook Sayyad	Lecture Notes in Networks and Systems	Voting Using Blockchain Technology	Intelligent Computing and Networking	IC-ICN 2020	International	2020	978-981-15-7421-4	Dr. D Y Patil School of Engineeirng, Lohegaon, Pune	Springer
Dr. Pankaj Agarkar	High Performance Computing	NA	NA	NA	National	2021	978-93-89251-04-3	Dr. D Y Patil School of Engineeirng, Lohegaon, Pune	Tech-Neo Publications, Mumbai
Dr. Pankaj Agarkar	Finance Management	NA	NA	NA	National	2021	978-93-90376-12-4	Dr. D Y Patil School of Engineeirng, Lohegaon, Pune	Tech-Neo Publications, Mumbai
Prof. Yogesh Mali	High Performance Computing	NA	NA	NA	National	2021	978-93-89251-04-3	Dr. D Y Patil School of Engineeirng, Lohegaon, Pune	Tech-Neo Publications, Mumbai
Prof. Yogesh Mali	Finance Management	NA	NA	NA	National	2021	978-93-90376-12-4	Dr. D Y Patil School of Engineeirng, Lohegaon, Pune	Tech-Neo Publications, Mumbai

Extension and Outreach Programmes conducted by the Institution through NSS/ NCC/ Red Cross/ YRC etc

Sr No	Name of the activity	Name of the scheme	Year of the activity	Number of students participated in such activities
1	Guest Lecture conducted on „Gender Bias in Society and Its Remedies"	NSS, Gender Issues	2021	70
2	Guest Lecture conducted on „Gender Equality"	NSS, Gender Issues	2021	65
3	Life skills Workshop: "Yoga: Meditation for stress free living"	NSS, Health Awareness	2021	167
4	Gender Equity	Gender Issues	2021	65

Collaborative Activities for Research, Faculty exchange, Student Exchange/ Internship during the year

Total:14

Sr. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration
1	Student Internship	Kalyani Infrastructure	Mr. Sandip Bhorkar Mr. Nanasaheb Gaikwad	2021	3 Months
2	Student Internship	Pride World City	Miss Samiksha Shirke Miss Yashashree Patil Mr. Aakash Tope Mr. Abhishek Kate	2021	3 Months
3	Student Internship	Mytos Technology, Sr.No. 50/16 Narhe Road, Near Navale Hospital, Narhe, Pune-411041	Miss. Neha Kamble Miss. Prachi Andhare Miss. Srushti Anap Miss. Reshma Burde	05/02/2021	6 Months

4	Student Intership	JSM INDIA INFOSYS Pvt. Ltd. Pune	Miss. Sanjivani Durgale Miss. Pratiksha Survase Miss. Vaishali Sunil Kale Miss. Kshitija Gade	18/08/2020	9 Months
5	Student Intership	Source Code Technology Pvt. Ltd. #sohum creast, Near gurudwara Mandir, Walhekarwadi, Chinchwad, Pune-411035,	Miss. Swati Jagtap Miss. Sadichha Khedkar Miss. Meghana Rikibe Miss. Sampada Pathare	31/03/2021	4 Months
6	Student Intership	Algorithmic Electronics, Office No 51,5th Floor, Sagar Heights,Balajinagar, Pune	Miss. Tejashri Sawant Miss. Manorama shewale Miss. Supriya kiwade	12/03/2021	4 Months
7	Student Intership	Algorithmic Electronics, Office No 51,5th Floor, Sagar Heights,Balajinagar, Pune	Miss. Akash Mote Miss. Kanhaiya Patil Miss. Akshay Chavan Miss. Mrunal Saraf	3/4/2021	4 Months
8	Student Intership	DEFENCE AVIONICS RESEARCH ESTABLISHMENT	SAMEEKSHA SINGH(E&TC)	2020	1 Month
9	Student Intership	Industrial Certified Machine Learning and AI developer	Rohit Sanjay Kadam(E&TC)	27/12/2019	2 weeks
10	Student Intership	Design of Wideband CMOS Trans-conductance Integrator,	Prabal Pandey	01/01/20	4 weeks
11	Student Intership	Content Writing Internship at INYF	Prabal Pandey	22/06/2020	8 weeks
12	Student Intership	ARTGRAMi	Rushikesh Dhule	26.01.2021 to 26.07.2021	6 Months
13	Student Internship	EPCOS india Private Limited	Mayur Gavali	2/1/2021	6 months
14	Student Internship	Verzeo Benglore	Saloni Aitalwar	1/09/2020 to 1/11/2020	3 months

MoUs with institutions, other Universities, Industries, Corporate Houses etc. during the year 2020-21 (Total:05)

Organisation with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
Yogeshwar Associates	2021	5 Years	Nil	Nil
CAAD Centre Vishrantwadi	2021	5 Years	Nil	Nil

ITESKUL, of Pune, Maharashtra	29/01/2021	5 years	German Language Lectures	02-Teachers, 150- Students
Bharat Software Solutons, Paud Road, Pune	1/1/2021	5 years	Workshop on "Python Programming"	03-Teachers, 150-Students
BSNL-RTTC Pune	11/09/2021	3 Years	Webinar on Career Opportunities in BE Electronics & Telecommunication Engineering	25th September 2020, 40 students 3 faculties

Number of papers published per teacher in the Journals notified on UGC website during the year

Total: 114

Sr.No.	Title of paper	Name of the author/s	Name of journal	ISSN number
1	Sun Tracing Solar Panel In Two Axis Using Arduino And Servo Motor	Prof. Swati Khawate, Saloni Aitlawar, Krishnakant Nivangune, Pratik Tapkir	International Journal of All Research Education & Scientific Methods, (IJARESM)	ISSN No: 2455-6211
2	Automation of Home (IoT) using Raspberry Pi	Prajakta Khairnar, Sukanya Bansode , Balveen Sahota , Priyanka Chourasia	International Journal of Scientific Research in Science, Engineering and Technology	2395-1990Print ISSN: 2395-1990 Online ISSN : 2394-4099
3	AN ASSESSMENT - WATER QUALITY MONITORING PRACTICES AND SEWER ROBOTIC SYSTEMS	Saniya Ansari, S. M. Khairnar, Ravindra R. Patil, Rupali S. Kokate	IT in Industry, Vol. 9, No.1, 2021	ISSN (Print): 2204-0595
4	"IoT Based Smart Kitchen System"	Ashwini Bagde,Shubham More, Shridhar Shelar, Vaibhav Randhawe		
5	Improving the Deposit Efficiency of Nano Composite Deposits on AZ91 Magnesium Alloy by Using a Suitable Bath Composition and Operating Conditions	Dr. F B Sayyad and Dr. Rohan Senanayake	Materials Today Proceeding	2214-7853

6	Experimental and weight optimization of existing steering column	Kamalakar Wagh and Dr F.B. Sayyad	Dogo Rangsang Research Journal	2347-7180
7	Design and Development of Air Compressor Crankshaft using FEA and Strain Gauge	Vishal Salunkhe and Dr F.B. Sayyad	Dogo Rangsang Research Journal	2347-7181
8	Modal and harmonic analysis of beam subjected to transverse vibrations using FFT analyzer	Himanshu Manjrekar, and Dr F.B. Sayyad	Journal of Interdisciplinary Cycle Research	0022-1945
9	Design and Optimization of Air Compressor Crankshaft using FEA and Strain Gauge	Vishal Salunkhe and Dr F.B. Sayyad	International Journal of Emerging Technologies and Innovative Research	2349-5162
10	Design and analysis of Tubular lower control arm for Macpherson strut suspension	Manoj Wakhare and Dr F.B. Sayyad	CEJ Journal	0898-3577
11	Modal and Harmonic Analysis of Beam and Rotor Motor Assembly Subjected to Transverse Vibrations Using FFT Analyzer	Himanshu Manjrekar, and Dr F.B. Sayyad	CEJ Journal	0898-3578
12	Effect of Nano Coatings on Magnesium alloy on their Surface Properties: A Review	Dr. F B Sayyad and Dr. Rohan Senanayake	Dogo Rangsang Research Journal	2347-7182
13	Influence of micro B4C ceramic particles addition on mechanical and wear behavior of aerospace grade Al-Li alloy composites	Chetan S Patil, Dr Mohd Imran Ansari, Ras Selvan & Dineshsingh G Thakur	Sādhanā	0973-7677
14	Rehabilitation of RC Column using Fibre Reinforced Polymer Wrapping	Aniket Vilas Nemade	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0072
15	Redevelopment of slum with Special Emphasis on Low and Materials	Aniket Vilas Nemade	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0072
16	Structural Health Monitoring in Civil Engineering	Aniket Vilas Nemade	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0072
17	Construction Monitoring and Control for Infrastructure Projects: A Review.	Aakanksha Ingle	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0072

18	A REVIEW PAPER ON STUDY OF EFFECT OF RICE HUSK ASH (RHA) ON MECHNICAL PROPERTY OF CONCRETE	Prasad R Gayake	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0072
19	EFFECT OF VARIOUS ADMIXTURE ON STRENGTH OF CONCRETE	Ahinsak B Taksande	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0072
20	DESIGN OF WATER DISTRIBUTION NETWORK(WDN) USING OPENSOURCE SOFTWARE	Uzma Sheikh	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0073
21	SEDIMENTATION ANALYSIS OF DAM USING GIS TECHNIQUES	Uzma Sheikh	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0073
22	Challenges and Solutions for Facility Management in Housing Societies	Sanjay Karodpati, Uday Kakde	International Journal of Recent Advancesin Multidisciplinary TopicsVolume 2, Issue 2	ISSN (Online): 2582-7839
23	Design of Net Zero Energy Building	Swapnil Bijwe	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0072
24	DESIGN OF SEWAGE TREATMENT PLANT (STP) FOR WAGHOLI CITY PUNE MAHARTASHTRA	Swapnil Bijwe	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0072
25	Assessment for Water Quality of Mutha River using Correlation	Swapnil Bijwe	International Journal of Trend in Scientific Research and Development (IJTSRD)	e-ISSN: 2456 – 6470
26	Making a Construction Project more efficient using Clash Detection	Prof S M Karodpati	International Research Journal of Engineering and Technology (IRJET)	e-ISSN:2395-0056 p-ISSN:2395-0072
27	Erosion Control of Slopes Using Paddy Straw Geomesh	Prof Rajesh Katdare	International Journal of Engineering Trends and Technology	ISSN: 2231 – 5381 /doi:10.14445/22315381/IJETT-V69I1P210
28	Troll Detection and Anti-Trolling Solution using Artificial Intelligence/ Machine Learning	Saloni Dangre, Shubham Sharma, Swati Balyan, Tanisha Jaiswal, Dr. Pankaj Agarkar, Prof. Pooja Shinde	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
29	Training an AI agent to play a Snake Game via Deep Reinforcement Learning	Reetej Chindarkar, Kartik Kaushik, Rutuja Vetal, Ronak Thusoo, Prof. Pallavi Shimpi	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X

30	Crime Awareness and Registration System	Sudarshan Jagdale, Piyush Takale, Pranav Lonari, Shraddha Khandre, Prof. Yogesh Mali	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
31	Emotion Recognition Based Personal Entertainment Robot Using ML & IP	Shivani Chougule, Shubham Bhosale, Vrushali Borle, Vaishnavi Chaugule, Prof. Yogesh Mali	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
32	Automatic Whitelist Generation for SQL Queries Using Web Application Test	Venkati Mane, Jayesh Trivedi, Manalikamble, Shital Janjal, Prof. Vandana Chavan	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
33	IOT Based Smart Electric Meter	Shikha Kushwaha, Sahil Dhankhar, Shailendra Singh, Vishal Kisan Borate	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
34	Identify the Hacker Using IDS And Prevent the Hacker Using IPS to secure the Cloud Data	Geetanjali Pandey, Maithili Gavli, Shruti Khaire, Pragati Mote, Prof. Vandana Chavan	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
35	Automated Website Development	Tushar Gangurde, Shivaraya Patil, Vaibhav Patil, Akshya Mahale	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
36	Voice-Based Intelligent Virtual Assistant for Windows using Speech Recognition and Speaker Identification Technology	Vrushali Kolte, Samidha Jadhav, Kalyani Kasar, Prof. Ashwini Pandagale	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
37	Fake Image and Document Detection using Machine Learning	Amit Lokre, Sangram Thorat, Pranali Patil, Chetan Gadekar, Yogesh Mali	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
38	Employee and Workspace Safety using WSN	Shreyas Lokhande, Narendra Choudhary, Aniket Chaudhary, Suraj Pethekar, Prof. Ajita Mahapadi	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
39	Voice Based Email for the Visually Impaired	Rahul Ahire, Poonam Bankar, Aniket Bhosale, Dipak Khette, Prof. Ajita Mahapadi	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
40	Helmet Detection on Two Wheeler Riders using Machine Learning and Automatic Licence Plate Recognition for Identification	Vaibhav Kharade, Rachana Jaykumar, More Pratik, Mahendra Mahaja, Jayashree Chaudhari	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
41	Survey on Aid Donation Tracking Using Blockchain	Adesh Kolte, Prashant Chaudhari, Nihal Chhetri, Prof. Monika Dangore	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X

42	Survey on Botnet and Its Detection Techniques	Shubham Gour, Yogesh Bhosle, Onkar Jagtap, Pratik Nirmale, Prof. Monika Dangore	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
43	Hand Sign Recognition Using Deep Learning based on Machine Learning	Darshan Ganatra, Omkar Shelke, Forum Makwana, Shivam Mishra, Prof. Nilesh Mali	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
44	Smart Trolley With Advance Billing System	Niyamat Ujloomwale, Vaibhav Bandu Manwar, Prince Kumar Singh, Patil Rohan Ranjit, Saurabh Shankar Ovhal	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
45	Emotion Detection to Prevent Suicide	Tejashri Sawant, Manorama Shewale, Supriya Kiwade, Amruta Chitari	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
46	Online E-Voting System using Blockchain Technology	Shubham Kumar, Abhishek Patil, Geeta Kotwani, Sharan Patil	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
47	A Framework for Analyzing Real-Time Tweets to Detect Terrorist Activities	Akshay Karale, Pranav Shinde, Pushpak Patil, Sanjay Parmar, Prof. Niyamat Ujloomwale	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
48	Survey on Real Time Road Lanes Detection of Autonomous Vehicles	Divya Sathe, Sayali Mhaske, Kunal Milkhe, Swapnil Nangre, Dr. Pankaj Agarkar, Prof. Pooja Shinde	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
49	Detection of Depression or Sentiment Analysis	Chaitanya Suryawanshi, Taufik Tamboli, Saurav Tayade, Prashant Yeole, Prof. Niyamat Ujloomwale	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
50	Artificial Intelligence based COVID-19 classification by using Deep Learning and Convolutional Neural Network	Omkar Gaikwad, Divyanshu Tripathi, Madhuri Dange, Prof. Pallavi Shimpi	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
51	Forensic Aspects of Flash Memory and Retrieval of Deleted Information	Aishwarya Munuswamy, Shubham Suryavanshi, Rahul Takalkar, Pooja Gupta, Prof. Chaitanya Bhosale	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
52	Understanding Customer Behaviour in Shopping Mall by indoor tracking and QR Identification	Shreyas Tembhekar, Rohan Sambhudas, Shubham Yerunkar, Vinita Sangle, Prof. Chaitanya Bhosale	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
53	Virtual Painting with Opencv Using Python	Yash Patil, Mihir Paun, Deep Paun, Karunesh Singh, Vishal Kisan Borate	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X

54	SEO Report Generator and Optimizer	Anshuman Vats, Kshitij Motke, Pragati Tamboli, Pranav Gholap	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
55	Prevention of Phishing Attacks on Online Voting System Using Visual Cryptography	Akshada Tingare, Pragati Shitole, Mohini Raykar, Priyanka Pathare, Prof. Vandana Chavan	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
56	Malaria And Dengue Disease Prediction Based on Blood Cell Image Using Machine Learning	Neha Kamble, Prachi Andhare, Srushti Anap, Reshma Burde, Prof. Nilesh Mali	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
57	College Enquiry Chatbot Using Rasa	Nikita Ingale, Tushar Anand Jha, Ritin Dixit, Vishal Kisan Borate	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
58	Patient Feedback using Speech Emotion Recognition	Rutuja Patil, Siddhi Salunke, Pournima Ubale, Mayur Talole, Prof. Ajita Mahapadi	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
59	Automatic Answer Sheet Checker	Pratik Trimbake, Swapnali Kamble, Rakshanda Kapoor, Vishal Kisan Borate	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
60	Bank Locker Security System using Machine Learning with Face and Liveness Detection	Akash Mote, Kanhaiya Patil, Akshay Chavan, Mrunal Saraf, Prof. Ashwini Pandagale	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
61	Survey on Distributed Digital Platform for Agricultural Supply Chain	Pratiksha Survase, Vaishali Kale, Sanjivani Durgale, Kshitija Gade, Prof. Nilesh Mali	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
62	Litter Detection Based on Faster R-CNN	Vishal Yadav, Michelle Trivedi, Mona, Jayshree Chaudhari, Fraz Bagwan	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
63	Design and Implementing Brain tumor Detection Using Machine Learning Approach	Swati Jagtap, Sadichha Khedkar, Meghana Rikibe, Sampada Pathare, Prof. Amruta Chitari	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
64	Data Security in Cloud Computing	Rohit Hodage, Ritesh Hajare, Om Wangwad, Ashwini Pandagale, Faraz Bagwan	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
65	Masked Face Recognition and Body Temperature Detection	Sanika Aier, Ankita Salunke, Pooja Sharma, Sonam Patil, Prof.(Dr.) Pankaj Agarkar, Prof. Pooja Shinde	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X

66	Flight Ticket Price Prediction Using Machine Learning	Komal Kalane, Shivam Ghorpade, Omkar Jawale, Abhishek Jaiswal, Prof. Monika Dangore	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
67	Survey on Crop Suggestion based on Regional Soil Quality	Mayuresh Kulkarni, Rutuja Jade, Apekshita Bhosale, Bhagyashree Ramteke, Dr. Sunil Rathod	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
68	Survey on Text to Image Synthesis	Chaitanya Ghadling, Firosh Vasudevan, Ruchin Dhama, Shreya Lad, Dr. Sunil Rathod	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
69	A Survey on 3D Model Generation from Images	Akash Chaudhari, Aditya Deo, Mahesh Badhe, Ritesh Patidar, Dr. Sunil Rathod	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
70	A Survey on Smart Digital Health Care Record with Prediction of Health Condition	Vishakha Tapkir, Gopal Mule, Aishwarya Tingre, Saurabh Nangare, Dr. Sunil Rathod	International Journal of Scientific Research in Science and Technology	ISSN : 2395-602X
71	IOT Based Smart Electric Meter	Shikha Kushwaha, Sahil Dhankhar, Shailendra Singh, Mr. Vishal Kisan Borate	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3307
72	Quantifiable Data Security Model for Cloud Computing Platform	Geetanjali Pandey, Maithili Gavli, Shruti Khaire, Pragati Mote, Prof. Vandana Chavan	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3308
73	Automated Website Development	Akashy Mahalle, Shivaraya Patil, Tushar Gangurde, Vaibhav Patil	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3309
74	IVA : An Intelligent Virtual Assistant System Implementation using Speech and Speaker Recognition	Vrushali Kolte, Kalyani Kasar, Samidha Jadhav, Sunil Rathod	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3310
75	Fake Document and Image Detection	Amit Lokre, Sangram Thorat, Chetan Gadekar, Pranali Patil, Prof. Yogesh Mali	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3311
76	Implementation of WSN for Industrial Safety	Shreyas Lokhande, Narendra Choudhary, Aniket Chaudhary, Suraj Pethekar, Prof. Ajita Mahapadi	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3312
77	Voice Based Email for the Visually Impaired	Rahul Ahire, Poonam Bankar, Aniket Bhosale, Deepak Khette, Prof. Ajita Mahapadi	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3313

78	Helmet Detection on Two Wheeler Riders using Machine Learning and Automatic Licence Plate Recognition for Identification	Vaibhav Shankar Kharade, Rachana Jaykumar, More Pratik Mangesh, Mahendra Mahajan, Jayashree Chaudhari	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3314
79	Blockchain Based Covid and Humanitarian Aid Fund Manager	Adesh Kolte, Prashant Chaudhari, Nihal Chhetri, Shavez Shaikh, Prof. Monika Dangore	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3315
80	Machine Learning Based Botnet Detection	Shubham Gour, Yogesh Bhosle, Onkar Jagtap, Pratik Nirmale, Prof. Monika Dangore	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3316
81	Implementation Hand Sign Detection and Recognition with Help of Machine Learning	Darshan Ganatra, Omkar Shelke, Forum Makwana, Shivam Mishra, Prof. Nilesh Mali	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3317
82	Smart Trolley with Advance Billing System	Niyamat Ujloomwale, Vaibhav Bandhu Manwar, Prince Kumar Singh, Patil Rohan Ranjeer, Saurabh Shankar Ovhal	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3318
83	Emotion Detection to Prevent Suicide	Tejashri Sawant, Manorama Shewale, Supriya Kiwade, Prof. Amruta Chitari	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3319
84	Online E-Voting System using Blockchain Technology	Shubham Kumar, Abhishek Patil, Geeta Kotwani, Sharan Patil, Prof. Chaitanya Bhosale, Prof. Prashant Mandale	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3320
85	A Framework for Analyzing Real-Time Tweets to Detect Terrorist Activities	Akshay Karale, Pranav Shinde, Pushpak Patil, Sanjay Parmar, Prof.Niyamat Ujloomwale	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3321
86	Advanced Driver Assistance System for Autonomous Vehicle	Divya Sathe, Sayali Mhaske, Kunal Milkhe, Swapnil Nangare	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3322
87	Detection of Depression	Chaitanya Suryawanshi, Taufik Tamboli, Saurav Tayade, Prashant Yeole, Prof. Niyamat Ujloomwale	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3323
88	Detection of Lungs Infection Using Convolutional Neural Network	Omkar Gaikwad, Divyanshu Tripathi, Madhuri Dange, Harshada Mohite, Prof. Pallavi Shimpi	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3324
89	Forensic Aspects of Flash Memory and Retrieval of Deleted Information	Aishwarya Munuswamy, Shubham Suryavanshi, Rahul Takalkar, Pooja Gupta, Prof. Chaitanya Bhosale	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3325

90	Understanding Customer Behaviour in Shopping Mall by Indoor Tracking and QR Identification	Shreyas Tembhekar, Rohan Sambhudas, Shubham Yerunkar, Vinita Sangle, Prof. Chaitanya Bhosale	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3326
91	Virtual Painting with OpenCV using Python	Yash Patil, Karunesh Singh Bais, Deep Paun, Mihir Paun, Vishal Kisan Borate	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3327
92	Search Engine Optimization and Report Generator	Anshuman Vats, Pranav Gholap, Pragati Tamboli, Kshitij Motke, Jayshree Chaudhari	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3328
93	Prevention of Phishing Attacks on Online Voting System Using Visual Cryptography	Akshada Tingare, Pragati Shilote, Mohoni Raykar, Priyanka Pathare, Prof. Vandana Chavan	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3329
94	Malaria and Dengue Disease Prediction Based On Blood Cell Image Using Machine Learning	Neha Kamble, Prachi Andhare, Srushti Anap, Reshma Burde, Prof. Nilesh Mali	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3330
95	College Enquiry CHATBOT using RASA	Nikita Ingale, Tushar Anand Jha, Ritin Dixit, Vishal Kisan Borate	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3331
96	Automatic Answer Sheet Checker	Pratik Laxman Trimbake, Swapnali Sampat Kamble, Rakshanda Bharat Kapoor, Mr Vishal Kisan Borate, Mr Prashant Laxmanrao Mandale	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3332
97	Bank Locker Security System using Machine Learning with Face & Liveness Detection	Akash Mote, Kanhaiya Patil, Akshay Chavan, Mrunal Saraf, Prof. Amruta Chitari, Prof. Ashwini Pandagale	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3333
98	Efficient Monitoring of Agricultural Food Supply Chain Using Block Chain Technology	Pratiksha Pralhad Survase, Vaishali Sunil Kale, Sanjivani Anand Durgale, Kshitija Babanrao Gade, Prof. Nilesh Mali	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3334
99	Litter Detection Using YOLO V3	Michelle Trivedi, Mona, Vishal Yadav, Jayshree Chaudhari, Faraz Bagwan	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3335
100	Design and Implementing Brain Tumor Detection Using Machine Learning Approach	Swati Jagtap, Sadichha Khedkar, Meghana Rikibe, Sampada Pathare, Prof. Amruta Chitari	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3336
101	Data Security in Cloud	Ritesh Hajare, Rohit Hodage, Om Wangwad, Yogesh Mali, Faraz Bagwan	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3337

102	Concealed Face Recognition	Sanika Aier, Ankita Salunke, Pooja Sharma, Sonam Patil, Prof. Dr. Pankaj Agarkar, Prof. Pooja Shinde	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3338
103	Crop Suggestion based on Regional Soil Quality using Machine Learning Techniques	Mayuresh Kulkarni, Rutuja Jade, Apekshita Bhosale, Bhagyashree Ramteke, Sunil Rathod	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3339
104	Implementation and Detection of Phishing Websites Using Extreme Learning Machine Based On URL	Omkar Ambegave, Mahesh Dhumal, Shubham Ware, Vishal Singh, Sandhyarani Shinde, Amruta Chitari	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3340
105	House Price Prediction System	Mayur Doke, Rohit Ganguli	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3341
106	Troll Detection and Anti-Trolling Solution using Artificial	Saloni Dangre, Shubham Sharma, Swati Balyan, Tanisha Jaiswal, Dr. Pankaj Agarkar, Prof. Pooja Shinde	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3342
107	Training an Agent using Deep Reinforcement Learning: Snake Game	Kartik Kaushik, Reetej Chindarkar, Rutuja Vetal, Ronak Thusoo, Prof. Pallavi Shimpi	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3343
108	Crime Awareness and Registration System	Pranav Lonari, Sudarshan Jagdale, Shraddha Khandre, Piyush Takale, Prof Yogesh Mali	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3344
109	Emotion Recognition Based Personal Entertainment Robot Using ML & IP	Shivani Chougule, Shubham Bhosale, Vrushali Borle, Vaishnavi Chaugule, Prof. Yogesh Mali	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3345
110	Automatic Whitelist Generation for SQL Queries Using Desktop Application Tests	Venkati Mane, Jayesh Trivedi, Manalikamble, Shital Janjal, Prof. Vandana Chavan	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3346
111	Text to Image Synthesis	Chaitanya Ghadling, Firosh Vasudevan, Ruchin Dhama, Shreya Lad, Sunil Rathod	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3347
112	A Smart Digital Health Care Record with Prediction of Health Condition	Gopal Mule, Vishakha Tapkir, Aishwarya Tingre, Saurabh Nangare, Sunil Rathod	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3348
113	A Random Forest Regression Approach to Predict Flight Fare	Komal Kalane, Shivam Ghorpade, Omkar Jawale, Abhishek Jaiswal, Snehal More, Prof. Monika Dangore	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	ISSN : 2456-3349

| 114 | Generation of 3D Model from Images | Akash Chaudhari, Aditya Deo, Mahesh Badhe, Ritesh Patidar, Sunil Rathod | International Journal of Scientific Research in Computer Science, Engineering and Information Technology | ISSN : 2456-3349 |

Infrastructure and Learning Resources

Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

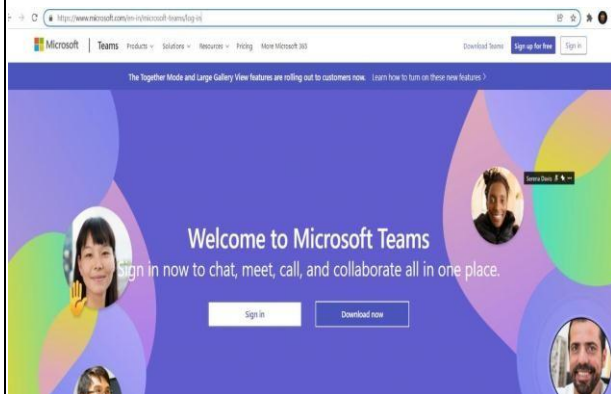| Sr.No	Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers		Type of ICT facility
1	224	Classroom	Wifi,LAN,Projector
2	227	Classroom	Wifi,LAN,Projector
3	232	Classroom	Wifi,LAN,Projector
4	326	Classroom	Wifi,LAN,Projector
5	328	Classroom	Wifi,LAN,Projector
6	334	Classroom	Wifi,LAN,Projector
7	427	Classroom	Wifi,LAN,Projector
8	428	Classroom	Wifi,LAN,Projector
9	430	Classroom	Wifi,LAN,Projector
10	432	Classroom	Wifi,LAN,Projector
11	435	Classroom	Wifi,LAN,Projector
12	425	Classroom	Wifi,LAN,Projector
13	421	Classroom	Wifi,LAN,Projector
14	422	Classroom	Wifi,LAN,Projector
15	423	Classroom	Wifi,LAN,Projector
16	526	Classroom	Wifi,LAN,Projector
17	527	Classroom	Wifi,LAN,Projector
18	531	Classroom	Wifi,LAN,Projector
19	524	Classroom	Wifi,LAN,Projector
20	525	Classroom	Wifi,LAN,Projector
21	528	Classroom	Wifi,LAN,Projector
22	530	Classroom	Wifi,LAN,Projector
23	242	Seminar Hall	Wifi,LAN,Projector,PA System

ICT Infrastructure

Link to MS Teams

https://www.microsoft.com/en-in/microsoft-teams/log-in

Link to LMS

https://dypic.adypgonline.in/login/index.php

Link to ILMS

https://sites.google.com/dypic.in/central-library
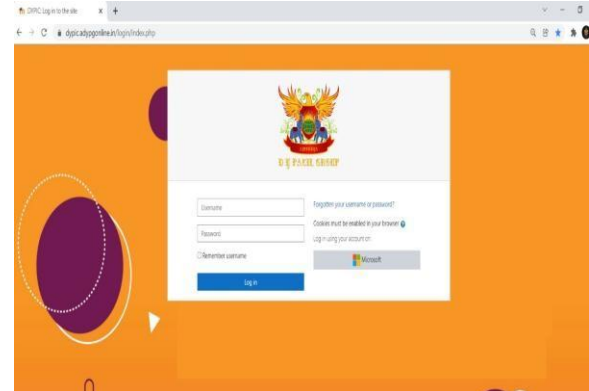
Microsoft Teams	LMS
ILMS	Open wi fi Router in Campus
Seminar Hall	Classroom
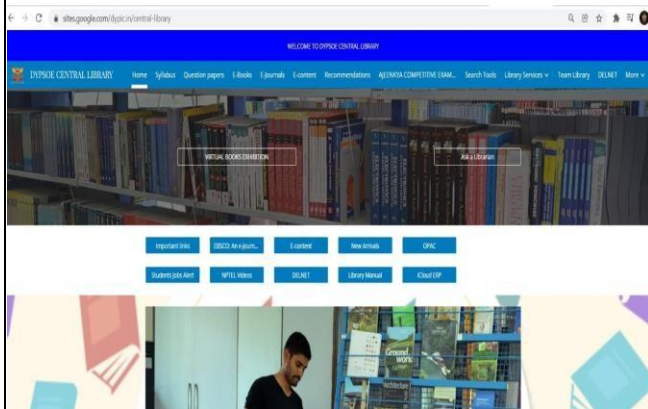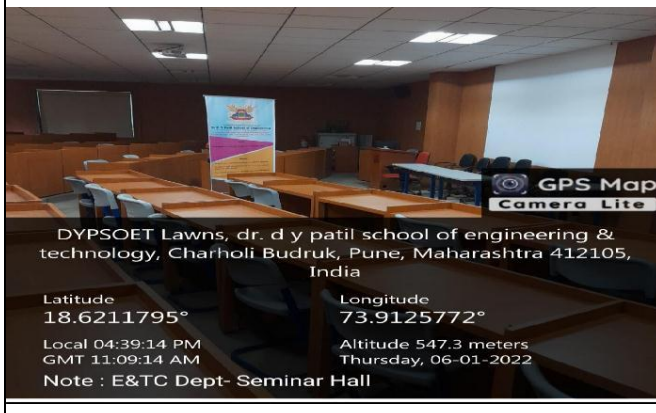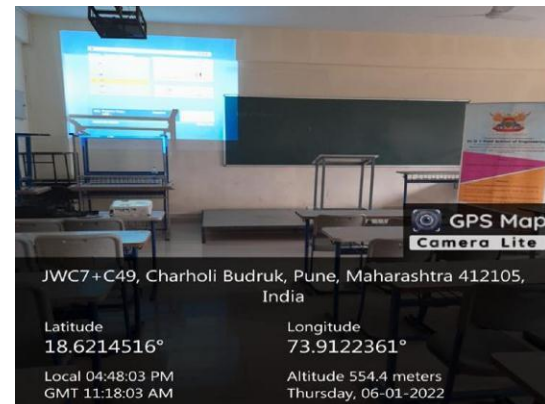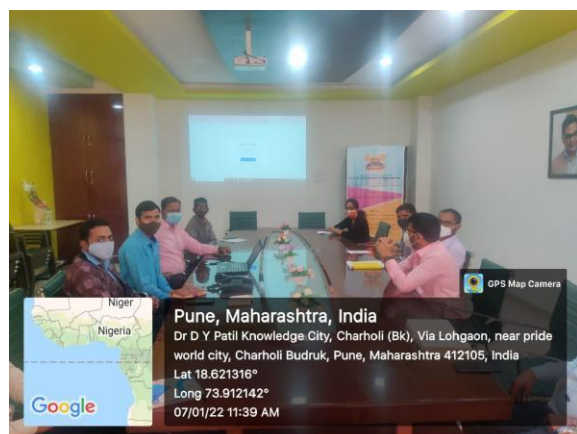
Board Room	E&TC Department Lab
IQAC Room	E&TC HOD Cabin
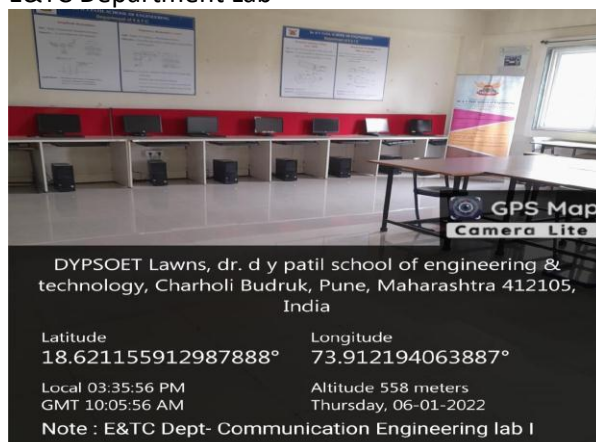
Subscription for e-Resources under Institute Library

Sr. no.	Particulars	Subscription/ Membership
1	e – journals	Yes, NDL & DELNET
2	e-ShodhSindhu	Yes
3	Shodhganga membership	Yes, Free Access
4	e-books	Yes, NDL

5	Databases	Yes, NDL & DELNET
6	Remote access to e-resources	Yes, DELNET

Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

Expenditure for infrastructure augmentation	Total expenditure excluding Salary (RS)	Expenditure on maintenace of academic facilities (excluding salary for human resources) (RS)	Expenditure on maintenance of physical facilities (excluding salary for human resources) (RS)
Solar Installation &Car Port	1,56,23,321	82,73,529	73,49,792

Student Support and Progression

Number of students benefited by scholarships and free ships provided by the Government during the year 2020-21

Name of the scheme	Number of students benefited by government scheme and amount	
	Number of students	Amount
Government of India Post-Matric Scholarship	154	8049408
Post-Matric Tuition Fee and Examination Fee (Freeship)	75	3540963
Post Matric Scholarship Scheme (Government Of India)	11	858593
Tuition Fee & Exam Fee for Tribal Students (Freeship)	3	122268
Post Matric Scholarship to OBC Students	233	4390712
Post Matric Scholarship to SBC Students	9	353812
Post Matric Scholarship to VJNT Students	99	3687115
Tuition Fees and Examination Fees to OBC Students	115	2076517
Tuition Fees and Examination Fees to SBC Students	15	595613
Tuition Fees and Examination Fees to VJNT Students	55	1954089
Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavruti Yojna	489	16820719
Grand Total	1258	4,24,49,809

Capacity building and skills enhancement initiatives taken by the institution in Soft skills / Language and Communication Skills / Life Skills, Total:33

Sr No	Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the Agencies/Consultants involved
1	Machine Learning	17/3/2021	27	Mr.Kaustubh Sakhare
2	Advance Processor	17/3/2021	22	Prof. Vaishali Gongane
3	Power of Cyber Security and Splunk	27/3/2021	25	Mr.Kundan Saraf
4	Startup and Entrepreneurship	4/5/2021	25	Mr.Nagesh Jadhav
5	Employability Skill Devlopment	5/1/2021	47	Mr. Abhilash Sasane
6	How do I prepare for Industry	5/1/2021	37	Mr. Sourav Mishra
7	Higher Study Opportunity across abroad	18/5/2021	583	Miss. Mahek Bhatnagar
8	Alumni meet	9/5/2021	35	E&TC Faculty
9	Development of Soft skills	01/05/2021	30	Mr. Neel Jadhav, Electromech Pvt. Ltd.
10	To succeed with joy	22/05/2021	120	Mr.Yuvraj Patil
11	How to Make the Right Habits for Success	08/03/ 2021	120	Mr. Yuvaraj Patil
12	My first step in startup	19/03/2021	232	Mr. Siddhant Shinde
13	Future opportunities in industry as design engineer	27-28/05/2021	102	Mr. Khangendra sarode and Mr.Pavan Mali KCAD Solution Pune
14	Industrial Applications of Ferrous Metallurgy	13/05/2021	104	Prof. Amit Shinde
15	Webinar on Gender Equality and Inclusion	24/04/2021	137	Mr. Yuvraj Patil
16	Seminar on Application of Strength of Materials in Automotive Sector	15/04/2021	76	Mr. Vishal Bhat
17	Two days workshop on Robotics	22-23/01/2021	451	Pantec E-learning

18	A webinar for admission activities	19/09/2020	106	Amazon, Tech Cryptors and Bharat Soft Solutions.
19	Webinar on Psycho-Neural Counselling for Career Success	12/10/2020	298	Dr. Satya Mandal (M.S, Ph.D) – Psychologist, PEMF Therapist, Mind Therapist, Neuro Therapist, CBT & NLP Expert.
20	Webinar on Machine Learning Using Python	29/10/2020	100	ATS Learning Solutions.
21	Webinar on Opportunities and Challenges in Data Science and Machine Learning industry	07/11/2020	200	Mr. Karthik Jannu
22	Webinar on Tech-Buzz of IoT and Startup-Business	19/12/2020	175	Mr. Rahul Sarawale,Prof. Mahesh Patil
23	Workshop on Hands on Python Workshop with Applications & Cloud Deployment	23/02/2021-27/02/2021	66	Mr. Yogesh Murumkar
24	Webinar on Human Values	20/05/2020	75	Ashish Wakde (Manager sales and Marketing INC)
25	Webinar on How to stay productive during lockdown	21/05/2020	75	Prof. YurajPatil
26	Online quiz competition for GATE/ MPSC/UPSC	28/05/2020	350	Civil Engineering Department, Dr. D Y Patil School of Engineering
27	Webinar on How to develop Thought process	26/08/2020	56	Mr.Yuvaraj Patil (Counselor)
28	Webinar on carrer opportunities in Civil Engineering.	26/09/2020	56	Er. Ashish Mahajan (Deputy City Engineer, Shahada Municipal Council, Shahada, Dist. Nandurbar)
29	Webinar on construction costing and budgeting	30/09/2020	35	Er. Akash Dalvi, Partner Bricklane.
30	"Internships in Construction Project Management with Details (Duration 1-3-6-12 Months) & E-Tendering"	31/10/2020	85	Mr. Pravin Mundhe.
31	Seminar on "Education in foreign countries"	19/03/2021	66	Mr. Uday Choudhary
32	webinar on "World water day 2021 and Role of youth"	23/03/2021	66	Col. Shashikant Dalvi (Retd.)
33	Yoga:Meditation for stress free living	4/3/2021	175	Mr.Pratish Mulay

Activities conducted by Institute to offer guidance for Competitive Examinations

Sr No	Name of the Activity	Number of students attended / participated
1	Overview of MPSC Examinations	70
2	Opportunities after GATE for jobs and higher education	400
3	Career opportunities in Mechanical Engg	350
4	Online quiz competition for GATE/ MPSC/UPSC for civil Engineering Students	300

Number of placement of outgoing students during the year

Total:182

Name of student placed and contact details		Program graduated from	Name of the employer with contact details		Pay package at appointment (Lakh)
Piyush Takale	7218952785	Computer	Wiley-mthree	0120-6291100	10
Shreya Lad	9822212543	Computer	Jaro education	020 6641 6262	6.6
Pranav Golap	9623066488	Computer	Leanafy	1-844-LEANAFY	7.2
Kaustubh Dhawale	9766249892	Mechanical	Kaar Technology	044 4065 1500	7
Mr Prateek Mote	9004814747	Computer	TCS	020 6631 1000	7
Chetan Gadekar	8805621921	Computer	Willey Mittre	0120-6291100	7
Kalyani Kasar	9623563136	Computer	Condenast	022 6611 9000	6.5
Shubham Sharma	9099817937	Computer	Kaar Technology	044 4065 1500	6.5
Nishad kharote	8237400132	E&TC	Planet Spark	08047193333	6.5
Rutuja Vetal	9588468052	Computer	Condenast	022 6611 9000	6
Geentanjali Pandey	7588231602	Computer	PWC	020 4100 4444	6
Piyush Bari	9923875707	Mechanical	Skoda Valkswagan	02135 711 000	5.5
Akshada Tingare	9270021969	Computer	Aptara	020 6672 8000	5
Mayuresh Kulkarni	7776812011	Computer	Aptara	020 6672 8000	5
Rutuja Patil	9623154811	Computer	FIS Global	087777 63706	5

Shubham Kumar	8459559240	Computer	FIS Global	087777 63706	5
Akshay Karale	9834592286	Computer	Newgen	(202) 800 7783	5
Aishwarya Avinash Tingre	8407967848	Computer	WNS	020 6767 4000	5
Akash Rajesh Devpandey	7387397937	E&TC	WNS	020 6767 4000	5
Kanhaiya Jagannath Patil	8669070491	Computer	WNS	020 6767 4000	5
Mane Venkati Hiraman	8624078145	Computer	WNS	020 6767 4000	5
Sudarshan Krishna Jagdale	9730019349	Computer	WNS	020 6767 4000	5
Suraj Vyankat Pethekar	09975144913	Computer	WNS	020 6767 4000	5
Vishakha Vishwas Tapkir	8788400514	Computer	WNS	020 6767 4000	5
Swati Jha	7276256543	E&TC	WNS	020 6767 4000	5
Vishal Yadav	9689712063	Computer	Accelya	020 6608 3777	4.99
Omkar Sattar Shetty	8669024297	Mechanical	Pinclick	180030005245	4.8
Akash Choudhari.	9657911030	Computer	Persistent Systems	020 6703 0000	4.7
Akash Kurund	9834592286	Computer	Persistent Systems	020 6703 0000	4.7
Kshitij Motke	9421481386	Computer	Persistent Systems	020 6703 0000	4.7
Piyush Prashant Takale	7218952785	Computer	Persistent Systems	020 6703 0000	4.7
Pragati Tamboli	7276027792	Computer	Persistent Systems	020 6703 0000	4.7
Ritesh Patidar	7230914900	Computer	Persistent Systems	020 6703 0000	4.7
Ruchin Dhama	8668935688	Computer	Persistent Systems	020 6703 0000	4.7
Taufik Tamboli	7020661943	Computer	Persistent Systems	020 6703 0000	4.7
Tushar Chandrakant Gangurde	7972727664	Computer	Persistent Systems	020 6703 0000	4.7
Nikita Ingale	8691876163	Computer	Aekansh group of company	9503201007	4.5
Pooja Sharma	8080002601	Computer	Aekansh group of company	9503201007	4.5
Tanisha Jaiswal	8830784016	Computer	Aekansh group of company	9503201007	4.5
Yash Patil	7350207970	Computer	Betsol	080 2671 0458	4.5
Mohd Hamid	9766912252	E&TC	Congnizent	971 2 6430362	4.5
Pushpak Patil	8412945289	Computer	Congnizent	971 2 6430362	4.5
Aniket Choudhary	8698078261	Computer	Infor	0200 89 91 85	4.5
Rohit Kadam	7798279809	E&TC	Infor	0200 89 91 85	4.5
Madhuri Dange	9922555497	Computer	Tieto Evry Family	011-41802240	4.5
Vinay Kumar Koraganti	8149770222	Computer	JTP	044 7017 1780	24.1
Avinash Yadav	8149332254	E&TC	DTDC Express Ltd	7305770577	4.2
Priya C	9970308398	E&TC	DTDC Express Ltd	7305770577	4.2
Ms Shruti Khair	7387534475	Computer	Kalyani Studio	91 8263090692	4
Rachana Jaykumar	7447447187	Computer	L-Cub	1800 208 3344	4
Shailendra Singh Gujar	9284279158	Computer	Publics Media	912230419922	4
Atish Tondale	9011758978	Civil	Square Yards	020 6730 3000	4
Sourabh Chakure		Mechanical	Square Yards	020 6730 3000	4
Divya Sathe	7024059213	Computer	TietoEVRY	011-41802240	4
Mona Sinha	9766833475	Computer	TietoEVRY	011-41802240	4

Mohini Raykar	9975495691	Computer	Wipro	(80) 46827999	4
Priyanka Pathare	8530304214	Computer	Wipro	(80) 46827999	4
Rakshanda Kapoor	9172339911	Computer	Infosys	020 2293 2800	3.6
Shruti Khaire	7387534475	Computer	Neosoft	022 4050 0600	3.6
Swapnil Nangare	9975964831	Computer	Neosoft	022 4050 0600	3.6
Manish Kumar	7020088203	Mechanical	Franke Faber India Pvt Ltad	02138 612 400	3.55
Prabal Pandey	9325457918	E&TC	Franke Faber India Pvt Ltad	02138 612 400	3.55
Prashant Yeole	8530442177	Computer	Accenture	020 4145 1000	3.5
Sanjay Naresh Parmar	7840971775	Computer	Assest Analytics	020 4145 1000	3.5
Pragati Shitole	7410162421	Computer	Atos Global	020 4070 1000	3.5
Swati Balyan	9139394891	Computer	Capgemini	020 3984 2581	3.5
Sheyas Lokhande	07276647777	Computer	Hexaware Technologies	020 6791 8000	3.5
Tanmay Kadam	8378822459	E&TC	Hexaware Technologies	020 6791 8000	3.5
Saniya Bhagwan	9146148567	Computer	Infosys	020 2293 2800	3.5
Balveen Sahota	9730852823	E&TC	L& T Infotech	020 6641 6262	3.5
Firosh VasudeVan	9834338916	Computer	L& T Infotech	020 6641 6262	3.5
Samidha Jadhav	7097303024	Computer	L& T Infotech	020 6641 6262	3.5
Subhuam Sharma	9099817937	Computer	L& T Infotech	020 6641 6262	3.5
Vaibhav Kharade	8007417691	Computer	L& T Infotech	020 6641 6262	3.5
Geeta Brijlal Kotwani	7588231602	Computer	Neebal Technology	022 2857 4118	3.5
Pragati Uttam Shitole	7410162421	Computer	Neebal Technology	022 2857 4118	3.5
PRANAV KAILASH SHINDE	9130518311	Computer	Neebal Technology	022 2857 4118	3.5
Sayali Dhanraj Mhaske	9860508910	Computer	Neebal Technology	022 2857 4118	3.5
Vinita Sangle	7028201016	Computer	Zimetrics	082377 88331	3.5
Tanay Mitkari	9623563136	Computer	NetcoreCloud	91 22 4975 7575	3
Venkatsai Kumar S Vavilashetty	9370534381	E&TC	Atos Global	020 4070 1000	3
Saloni Aitlawar	8308642572	E&TC	Cargo FL	91 83290 83054	3
Shivani Mohan Chougule	9763726503	Computer	Cargo FL	91 83290 83054	3
Ritika Jha	9518925572	E&TC	Evosys	079 66823300	3
Jayesh Trivedi	9028961733	Computer	Global Step	020 4101 5111	3
Krishna Pawar	7507322283	Mechanical	Global Step	020 4101 5111	3
Mrunal saraf	7875291203	Computer	Global Step	020 4101 5111	3
Pratik Laxman Trimbake	9970107947	Computer	Global Step	020 4101 5111	3
Ritesh Hajare	8390633882	Computer	Global Step	020 4101 5111	3
Shivaraya Patil	9834283324	Computer	Global Step	020 4101 5111	3
Tanay Sankhe		Mechanical	Global Step	020 4101 5111	3
Vaishnavi Chaugule	8975006722	Computer	Global Step	020 4101 5111	3
Vishwajeet Gorge	8888431043	Computer	Global Step	020 4101 5111	3
Shikha Kushwaha	7397821460	Computer	Hexaware Technologies	020 6791 8000	3
Shubham Bhosale	7757071611	Computer	Hexaware Technologies	020 6791 8000	3

Name	Phone	Branch	Company	Company Phone	Col
Kalyani Deshmukh	8446681982	Mechanical	Kider India	02137 678000	3
Harshal Bharti	7030527732	Mechanical	Mahindra& Mahindra	020 2567 6626	3
Nitin Borde	9823984617	Mechanical	Mahindra& Mahindra	020 2567 6626	3
Shubham Phulsundar	9049692870	Mechanical	Mahindra& Mahindra	020 2567 6626	3
Suyash Kadam	7620255164	Mechanical	Mahindra& Mahindra	020 2567 6626	3
Aditi Davang	7755965694	Civil	Mupro India	7045356814	3
Sandip Bhorkar	9130302319	Civil	Mupro India	7045356814	3
Divyanshu Tripati	8888431043	Computer	Neeyamo	020 6793 4000	3
Pournima Ubale	8421314642	Computer	Neeyamo	020 6793 4000	3
Angad singh	9960026088	Computer	netcore Cloud	91 22 4975 7575	3
Sanskriti Gupta	8830784016	Computer	Netcore Cloud	91 22 4975 7575	3
Aditya Deo	7276861968	Computer	NsquareExpert	091687 22372	3
Aman kumar	8624078145	Computer	NsquareExpert	091687 22372	3
Dipak Suresh Khette	7058366933	Computer	NsquareExpert	091687 22372	3
Mihir paun	7219572179	Computer	NsquareExpert	091687 22372	3
Shivam Palande	8975370011	Computer	NsquareExpert	091687 22372	3
Srushti Anap	7057516194	Computer	NsquareExpert	091687 22372	3
Vaishali Sunil Kale	9130735359	Computer	NsquareExpert	091687 22372	3
Aishwarya Munuswamy	9175781708	Computer	Q spider	084319 12874	3
Siddhi Salunke	8669490513	Computer	Q spider	084319 12874	3
Akash Raju Mote	9096510483	Computer	Quality Kiosk	022 4128 8200	3
Chaitanya Govindrao Suryawanshi	8421096179	Computer	Quality Kiosk	022 4128 8200	3
Vaibhav Randhave	9834481173	E&TC	Quality kiosk	022 4128 8200	3
Deepak Kumar	8825378828	E&TC	Reliance Jio	090827 09675	3
Abhay Patel		Computer	Simplified health care		3
Akash Bhate		Computer	Spectrum Consultancy	020 2567 0133	3
Akshay mahalle Mahalle	9011657233	Computer	Spectrum Consultancy	020 2567 0133	3
Ashwini Patil		Computer	Spectrum Consultancy	020 2567 0133	3
Dinesh Bhapkar		Computer	Spectrum Consultancy	020 2567 0133	3
Durgesh Vedpathak	9921311291	Computer	Spectrum Consultancy	020 2567 0133	3
Neha Sakore	9511801975	Computer	Spectrum Consultancy	020 2567 0133	3
Rakesh Kapre	9172339911	Computer	Spectrum Consultancy	020 2567 0133	3
Shubham Jadhav		Mechanical	Spectrum Consultancy	020 2567 0133	3
Shweta Chimote	9099817937	Computer	Spectrum Consultancy	020 2567 0133	3
Soham bidve		Computer	Spectrum Consultancy	020 2567 0133	3
Swati Jagtap	9284302718	Computer	Spectrum Consultancy	020 2567 0133	3
Vinay Dondkar	8149770222	Computer	Spectrum Consultancy	020 2567 0133	3
Danish Khan	9168593765	E&TC	TCS	020 6631 1000	3
Kashmira D Shendge	9421481386	Computer	TCS	020 6631 1000	3
Mahesh Badhe	9923824900	Computer	TCS	020 6631 1000	3

Omkar Gaikwad	8830000429	Computer	TCS	020 6631 1000	3
Pratik more	9527693207	Computer	TCS	020 6631 1000	3
Saloni Dangre	9643357059	Computer	Ubisoft	020 6642 4500	3
Gopal Mule	8600428602	Computer	Zimetrics	082377 88331	3
Swapnil Aknurwar	9975964831	Computer	Zimetrics	082377 88331	3
Sahil Dhankhar	7219574792	Computer	Ubisoft	020 6642 4500	2.6
Shailendra Singh	8652350245	Mechanical	Kider India	02137 678000	2.5
Omkar Chavan	7040759422	Mechanical	Chegg's India	011-41802240	2.4
Sameeksha Singh	8390189716	E&TC	Chegg's India	011-41802240	2.4
Saurav Tayade	7840971775	Computer	Chegg's India	011-41802240	2.4
Shubham Gour	9561167639	Computer	Chegg's India	011-41802240	2.4
Apurva Bhagat	9673201546	Computer	Inner Club		2.4
Tushar Jha	9665173985	Computer	Mobikwik	011 6126 6390	2.4
Prachi Andhere	8855863522	Computer	Pepos Energy	099229 19009	2.4
Akshay Pokharkar	9834592286	Computer	Prompt Personnel Pvt Ltd	022 4122 5500	2.4
Ritin Dixit	9881237517	Computer	Thirdware Solution Lts	022 4239 3939	2.4
Ashok Kute	9767925878	Mechanical	Hettich India Pvt Ltd	1800 209 2096	2.16
Koli Ranjit	9503577324	Mechanical	Hettich India Pvt Ltd	1800 209 2096	2.16
Divya Khanal	8208347488	Civil	Anza Services	44 (0)1254368739	2
Manish Kumar	8600138764	Civil	Anza Services	44 (0)1254368739	2
Nanasaheb Gaikwad	9168833918	Civil	Kalyani Infrastructure	097630 91111	2
Ms Pragati Tamboli	7276027792	Computer	Kalyani Studio	91 8263090692	2
kshitija Kawade	7758982019	Civil	Kider India	02137 678000	2
Rishikesh Ukirde	7709620044	Mechanical	Kider India (Pinnecle India)	02137 678000	2
Rushikesh Bhalerao	7875812686	Civil	Apple Chemie	096577 00907	1.8
Suryawanshi Akshay Bandu	7558639595	Civil	Apple Chemie	096577 00907	1.8
Swapnil Kapare	8983278018	Civil	Apple Chemie	096577 00907	1.8
Ulka Saste	8329973864	Mechanical	SKF	020 6611 2500	1.8
Shantanu Gaikwad	9762435374	Mechanical	Spark Engg	020 6611 3897	1.8
Rutuja Jade	8805046240	Computer	Suma Soft Pvt Ltd	020 4013 0400	1.8
Vinaya Rasal	9545097232	Civil	Karvy	020 4131 5554	1.68
yashshree Patil	9834909123	Mechanical	Manufuture Desing (Opc)pvt Ltd	087704 98903	1.2
Saurabh Nangare	8788250828	Computer	Infosys	020 2293 2800	3.5
Ritesh Hajare	8390633882	Computer	Hyderabad loginsoft pvt Ltd	040 4032 5500	
Swati Jagtap	8237314490	Computer	vmedulife Software Services	096239 64758	3
Borle Vrushali Vilas	8805625066	Computer	Capgemini	020 3984 2581	3.5
Vaishnavi Gajanan Chaugule	8975006722	Computer	Global Step	020 4101 5111	3
PATIL ROHAN RANJIT	9403343535	Computer	Bajaj	086980 10101	2.5
Ayush Rajkumar Agarwal	8855049525	Civil	Hardik impulse construction		1.8
SHUBHAM SURENDRA BHUTKAR	8087558558	Civil	Anand treading	020 4676 1393	1.8

AMOL BHARATRAO ACHARYA	8379860777	E& TC	mPHATEK Systems Pvt Ltd	020 2563 9177	3
AWATE PRATEEK PRASHANT	8180888478	E& TC	Mphasis	020 - 4014 1000	3
DHULE RUSHIKESH DNYANDEO	8378855975	E& TC	TCL	1800 419 0622	2.4
GAWALI MAYUR SOPAN	9823897333	E& TC	TDK India Private Limited	0253 220 5100	3.5
GHORPADE RAGHAVENDRA MARUTI	8904996899	E& TC	Intellects pvt ltd	080071 72849	2.5
HATWAR SOPAN DHANRAJ	9404116474	E& TC	Tata Communications	020 6734 7774	3
NAIVANGUNE KRISHNAKANT DHANANJAY	9766744500	E& TC	TCL	1800 419 0622	2.4

Number of students progressing to higher education during the year

Total: 12

Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to
Kolapalli Aishwarya	Computer Engineering	Symbiosis International	MBA
Wadgave Swapnil	Computer Engineering	Dr.D.Y.Patil Vidyapeeth Pune	MBA
Sanket Kulal	Civil Engineering	Dr. DY Patil School of Engg. & Technology	ME Construction Management
Sanket Divate	Civil Engineering	MIT School of Engineering	M-Tech (Structural Engineering)
Namrata Sonawane	Civil Engineering	Dr. DY Patil School of Engg. & Technology	M-Tech
Nupur Dumre	Civil Engineering	Savitribai Phule Pune University	M-Tech
Aditya Kate	Civil Engineering	Dr. DY Patil School of Engg. & Technology	ME
Tejas Korde	Civil Engineering	Prof.Ram Meghe Institute of technology and research	ME (Environment Engg)
Aishwarya Khandre	Civil Engineering	Savitribai Phule Pune University	M-Tech
Aditya Verma	Mechanical Engineering	Maulana Azad National Institute of Technology, Bhopal	M.Tech (Industrial design)
Udaysingh choudhary	Civil Engineering	Oxford Brookes University	MS
Shivani Shitole	Civil Engineering	Oxford Brookes University	MS

Students qualifying in State/National/ International level Examinations during the year 2020-21

Registration number/ roll number for the exam	Names of students selected/ qualified	Qualifying Exam
107081	Bhukan Pradnya Sanjay	IELTS
B235P65	Ruchin Dhama	GATE
ME21S82082052	Aditya Verma	GATE

Awards/Medals for Outstanding Performance in Sports/Cultural Activities at University/State/National / International Level

Name of the award/ medal	Team / Individual	University/State/National/ International	Sports/ Cultural	Name of the student
First Prize in Tripple jump	Individual	University	Sports	Kartik Shivanwar
First Prize in long jump	Individual	University	Sports	Kartik Shivanwar
Runner up in 100 meter running	Individual	University	Sports	Kartik Shivanwar

Meetings/activities organized by Alumni Association

- **Organized by** : Alumni Association of Dr. D.Y. Patil School of Engineering, Pune
- **Targeted Audience** : B.E. Passed out 2019-2020
- **Meets:**

1. Alumni Meet of 2019-2020 Pass out Batch organized by Mechanical Department on 22.07.2021 using online google meet platform.

2. Alumni Meet organized by Civil Department on 27.07.2021using online Microsoft teams platform.

3. Alumni Meet Event organized by Computer Engineering Department on 14.08.2021 using online Microsoft teams platform.

4. Alumni Meet organized by E&TC Department on 09.05.2021using online Microsoft teams platform.

Governance, Leadership and Management

Vision: Empowerment through quality technical education

Mission: 1.To excel centre of excellence in technical education

2. To impart skill based education to meet the needs of industry & society

3. To achieve excellence in teaching, learning & research

4. To inculcate social & ethical values among the students.

In order to provide simpler and efficient system of governance within the institution, Institute has adopted and implemented e-governance in maximum activities of our functioning.

The effective leadership is visible in various institutional practices such as decentralization and participative management. The Institution has a culture of decentralized governance system with well-defined inter-relationships. Institute delegates adequate and systematized authority to the departments to work towards a decentralized governance system. There are various committees involving faculty which are constituted to manage different institutional activities.

The institutional Strategic/ perspective plan is effectively deployed. A dedicated Industry Institution Interaction Cell is formed along with the T&P Cell of the college to fetch collaborative interactions with the industries working in the field of courses offered. The students are regularly sent for internships in addition to industrial training mandated under the SPPU syllabus. The faculty members are also promoted & encouraged to interact with the industry. „Memoranda of Understanding (MoU) are made by various departments with industries for professional development of the students and staff members through collaborative work. The industry people are requested to become a member of the Departmental Advisory Committee. The industry experts with a proven track in the subject approved by the University are normally invited for various FDP & SDP on the thrust areas of the respective department.

The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Institution Implements e-governance in its areas of operations

Areas of e governance	Name of the Vendor with contact details	Year of implementation
Administration	CNV Labs & ABS & Technologies Pvt Ltd. 114, B Wing, Shoppers Orbit, Vishrantwadi, Pune 411015 Ph:020 41202654 www.cloudems.in	June 2019
Finance and Accounts		
Student Admission and Support		
Examination		

Welfare schemes for Teaching and Non-Teaching staff

The institution has welfare measures for both teaching and non-teaching staff. Welfare schemes for Teaching & non-teaching staff are;

- Employee"s Provident Fund.
- Maternity & Paternity leave.
- Loan benefits from Ajeenkya Employees Credit Co-op society Ltd.
- Health care & Medical treatment at Dr D Y Patil Dental College Lohegaon on subsidized rates.
- Free Yoga classes and meditation sessions.
- Two sets of uniforms are given to nonteaching staff every year free of cost.
- Sports facility for staff & students.
- Quarters for teaching & non-teaching staff in the campus.
- RO, Tea Centre, Canteen & ATM.

Institutions Performance Appraisal System for teaching and non-teaching staff

The institution has an effective Performance Appraisal System for teaching and non-teaching staff.

Performance appraisal helps in detecting the decencies in the performance of teaching & non-teaching staff. It also holds the key for staff development. DYPSOE follows self-appraisal method for performance evaluation of staff. For this purpose, it has adopted the UGC/AICTE format of annual self-assessment for performance based appraisal system using the frame work Academic Performance Indicator (API) in three categories;

1. Teaching.

2. Research.

3. Administration.

Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

Sr No	Name of teacher	Name of conference/ workshop attended for which financial support provided
1	Dr M I Ansari	ICAMEN-2021
2	Dr F B Sayyad	ICAMEN-2021
3	Dr R C Katdare	Workshop
4	Mr Jitendra Dalvi	Workshop

Professional Development /Administrative Training Programs organized by the institution for teaching and non-teaching staff during the year

Dates	Title of the professional development program organised for teaching staff	No. of participants
21- 25 May21	FDP on Journey to Research and Beyond	250

Teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year 2020-21
(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

Total: 33

Sr No	Name of Teacher who attended	Number of Programs Attended
1	Dr Pankaj Agarakar	5
2	Mrs Jayashri Chaudhari	3
3	Mrs Ajita Mahapadi	1
4	Mr Chaitanya Bhosale	17
5	Mr Vishal Borate	2
6	Dr. Sunil D. Rathod	1
7	Mr Nilesh Mali	1
8	Prof. Prashant Mandale	8
9	Prof. Pooja Shinde	2
10	Prof Yogesh Mali	6
11	Ms Pallavi Shimpi	1
12	Prof. Prashant Sagare	2
13	Prof. Niyamat Ujloomwale	1
14	Dr. Rashmi Mahajan	2
15	Ms Sayali Mane	5
16	Prof. Riyaj Kazi	3
17	Ms. Shital Patil	7
18	Ms Swati Khawate	2
19	Dr. Shobha Rupanar	3
20	Prof Sandeep Bhaskar	2
21	Prashant Karajagi	3
22	Dr M I Ansari	4
23	Rohit Garad	6
24	Pooja R. Nawathe	5
25	Dipak Shelke	7
26	Jagruti C Nimgulkar	3
27	vinod Patil	3
28	Nitin More	3
29	Dr Farook Sayyad	9
30	Prof Prasad R Gayake	1
31	Prof Ahinsak Taksande	1
32	Prof Uday Kakde	1
33	Prof Aakanksha Ingle	1

Audits

The institute has conducted Internal and External Academic and Administrative Audits for the year 2020-21.

Summary of Quality Initiatives taken by IQAC during A.Y. 2020-21

A. Y 2020-21: IQAC Summary

1) Composition of IQAC
2) IQAC Minutes & Action Taken Reports
3) IQAC Plan of Action
4) Policies and Processes
5) Summary of Quality Initiatives taken by IQAC and outcomes/achievements
6) NIRF 2022
7) India Today Ranking 2022
8) Internal & External Academic & Administrative Audits

Total: 34

Sl No	Initiatives Planned	Outcome/Achievements
1	Meeting for discussion on plan of action prepared by IQAC for the A. Y. 2020-21	A meeting is conducted on 03/06/2020. The plan of action was discussed and the suggestions of IQAC members are noted for consideration in revised plan of action & the same has been approved by IQAC.
2	Preparation and Checking of Course file [e-Content] with CO-PO Mapping	All Programme Heads of Departments had checked the course files of faculties with e-contents and verified the CO-PO Mapping
3	Review of result analysis and corrective action	University Results of Semester-II are analyzed and corrective actions has been taken
	Identification of Slow and Advanced Learners	Activities conducted for slow and advanced learners to ensure higher percentage of advanced learners
4	To conduct minimum two internal examination for each subject for indirect assessment and for continuous assessment.	Conducted internal examinations in online mode by each department in semester-I and II as a part of indirect assessment and continuous assessment.
5	To attend national seminars by Faculties	Three hundred thirty three national seminars attended by faculties
6	To attend international seminars by Faculties	Thirteen international seminars attended by faculties
7	To attend Workshops and Conferences by faculties	Sixty four Workshops and Conferences are attended by faculties
8	To Publish research papers in the	One Hundred fourteen research papers published by

		Journals notified on UGC website	faculties in the Journals
9		Research contribution to Scopus by faculties	Sixteen Number of Research contribution to Scopus by faculties
10		To publish books by faculties	Ten books published by faculties during the year
11		To conduct faculty development programs	Six faculty development programs conducted during the year
12		To participate in faculty development programs either in college or outside	Eighty Six faculties participated in faculty development programs
13		Faculties to undertake research projects	One research projects with a research grant of Forty Three Lakh is undertaken by Dr. Saniya Ansari
14		Faculties to undertake consultancy projects	Eight consultancy projects of business Forty Six Thousand Five Hundred twenty two are undertaken by faculties
15		Patents to be filed by faculties	Two Patents filed during the year
16		Patents to be published & receive grants for patents by the faculties	Two Patents Published and grants received
17		To conduct seminars during the year	Twenty eight seminars conducted during the year.
18		To conduct Capacity building programs/workshops/training programs for students	Twenty six programs conducted for students during the year.
19		To initiate Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year	Students participated in thirteen internship/collaborative programs during the year.
20		To sign MoUs with institutions, other universities, industries, corporate houses etc. during the year	Five MoUs are signed and are functional during the year.
21		To offer Add on /Certificate programs for students	Two add on/Certificate programs are offered for the students
22		To encourage students for undertaking project work/field work/ internships	Thirty eight students have participated in project work/field work/ internships
23		To conduct Extension and Outreach Programs	Four programs conducted during the year
24		To conduct activities to offer guidance for competitive examinations	Four programs conducted and 1120 students benefited
25		To achieve 95% campus placement of eligible & interested candidates with good package.	182 students i.e. more than 85% eligible students placed during the year.
26		To prepare and submit AQAR of A. Y. 2019-20 to NAAC	AQAR of A. Y. 2019-20 Submitted to NAAC
27		To take feedback on Curriculum and its transaction from Students,	Feedback taken, analyzed, and action taken report prepared and communicated Board of Studies. Report

	Teachers, Alumni and Employers	uploaded on website.
28	Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities	Institute has conducted thirty two activities/programs for Sensitization of students and employees of the Institution on various issues and topics
29	To conduct students satisfaction survey	Students Satisfaction Survey conducted. 76% of the students responded to survey. The most occurring expectations, observations, and suggestions are communicated to the head of the institute for necessary action and the same has been uploaded on website.
30	To conduct Internal assessment of eco-friendly campus environment and its sustainability	The assessment covered the observations with respect to: · Water resources and management · Energy resources and management · Waste generation and management · Safety management · General Sanitation · Biodiversity & Adopted Green Practices
31	To Participate in NIRF Submission/Auditing for NIRF	Participated in NIRF and report Submitted to MHRD
32	To Participate in India Today Ranking 2022	Institute has Participated in India Today Ranking 2022
33	To conduct an internal academic and administrative audit	Institute has Conducted Internal academic and administrative audit
34	To conduct an external academic and administrative audit	Institute has Conducted External academic and administrative audit

Institutional Values and Best Practices

Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities

Title of the Program/Event	Duration	No of Participants	Organized by
World Sanskrit Day	23.08.2021	100 (Online)	E&TC Department
Grupournima celebration	23.07.2021	51	E&TC Department

Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Total: 12

Activity/Program/Event/Workshop	Duration	No. of participants	Organized by
Guest Lecture on "Work Motivation"	08.03.2020	180	Computer Department
Guest Lecture on "How to deal with difficulties"	15.03.2020	200	Computer Department
Guest Lecture on "How to Make the Right Habits for Success"	25.03.2020	200	Computer Department
A webinar on "Psycho-Neural Counseling for Career Success"	10.12.2020	350	Computer Department
Seminar on "Development of Soft skills"	1.05.2021	30	Mechanical Department
"How to deal with difficulties" by Yuvraj Patil	09.02.21	18	Mechanical Department

"How to Make the Right Habits for Success" by Yuvraj Patil	11.02.21	111	
To Succeed with Joy	22.05.2021	80	
Guest Lecture on Gender Bias In Society And Its Remedies by Dr. Smita Awachar	06-05-2021	80	Civil Engineering Department
Counselling Lecture by Mr. Yuvraj Patil Sir on How to stay productive during lockdown	21-02-2020	92	
Counselling Lecture for TE by Mr. Yuvraj Patil Sir on How to develop thought process	26-08-2020	52	
Workshop on Power of Cyber Security and Splunk	27.03.2021	25	

Two best practices successfully implemented by the institution

Best Practice - 1
Enrichment of Teaching & Learning Process (ETLP)

- **Mentoring for better grooming of the Learner**
- **Knowing the Learner Better to Serve Better**
- **Interaction with Parents' to meet Learners expectations**
- **Feedbacks to improve our services to Learner**
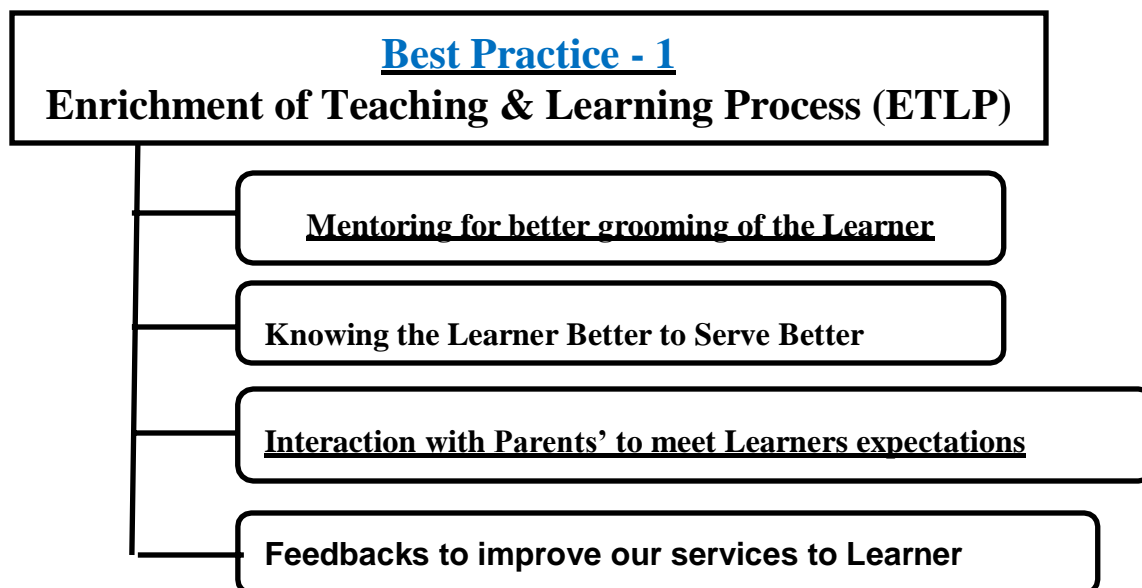
Title of the Practice:- Enrichment of Teaching & Learning Process (ETLP)

The Context that required the initiation of the practice:

Every learner is unique and different, some learn very fast and some learn slowly. Some students need only guidance and some need regular attention, guidance and mentoring. Each type of students has different learning attitudes and learning habits. In such a situation, it is crucial to understand them from different viewpoints and recognize their learning levels and plan accordingly to deliver learner centric teaching and learning. Students face difficulties in learning and they go through mental stress and several identified and unidentified challenges. Enriching teaching and learning of students depend upon the two way interaction and hard work of student, parent and teacher. These three stakeholders" integrated effort gives the best learning outcomes. Parent teacher meeting and academic mentoring covers the distance among three stakeholders. Curriculum design and development is a significant process of developing appropriate need-based inputs in consultation with the expert groups, based on the feedback from the stakeholders. Sharing experiences and observations of the stakeholders provides a wider

prospect to plan, prepare and execute planning for better learning outcome. Feedbacks from stakeholders (Students, Faculty, Parents, Alumni and Employer) is extremely essential for understanding the curriculum delivery and its timely updating as per required for industry. Scanning of feedback from the stakeholder also provide an opportunity to realize our strength and weakness. This best practice helps to support & design, modify the curriculum as per feedback of stakeholders.

In order to enrich teaching and learning process, we have adopted an integrated approach of Student"s mentoring, slow and advance learners, parent-teacher meet and stakeholder feedback.

Objectives of the Practice:

- Ensuring regularity and punctuality of students through counseling sessions
- To emphasize and motivate students for their overall development
- Focus and motivate students to achieve learning goals and thereby improve their academic performance.
- Monitoring and improving the quality of students" learning experiences through the timely collection, analysis and reporting of slow and advanced learners and interacting with different stakeholders concerning teaching, learning and assessment.
- Providing stakeholders with the opportunity to actively participate in the continual improvement of teaching and learning process.
- To promote student centric teaching-learning

The Practice:

Dr D Y Patil School of Engineering has a rigorous students mentoring system of mentor-mentees wherein a group of 20-25 mentees (students) are allotted to one mentor (faculty) which helps the mentees to interact with the mentor comfortably. Mentors and mentees meet according to a pre-arranged calendar, as well as per the need of the student or the moment. Mentees are always encouraged to initiate meetings with mentors. The mentor guides, encourages, and advices the mentees about their upcoming student life, student health, mental and emotional well-being and listen to their issues with patience and help them solve their concerns with appropriate resources, support and referral available. They

are introduced to each other in the first few weeks of the new semester. In the next step, the learners are classified based on their learning levels.

It is always good to know the learners better in order to serve them better. Institute provides quality teaching-learning to students offering the learner centric teaching-learning which recognize that the learning interest and pace of every pupil is different. On the basis of students" preceding exam and current subject performance and basic knowledge, learning level of the learners can be classified in two groups – slow learners and advance learners for each subject. A standard procedure is followed and the data is analyzed and presented in tabular forms.

A number of activities are proposed for the self-motivation of both the learners. The slow learner is basically motivated for improvement in participative learning and activities so that they can become advanced learner. Overall, based on the assessment level, a faculty has to adopt teaching methodology in such a way that he/she may not lose the attention of the slow learner and turn-off the advanced learner.

The outcomes of the first two initiatives are presented and discussed with parents in the parent-teacher meets. In the meet the parents are more curious to know about an overall personality of a student, his/her behavior, manner, habit, attitude, learning styles, confidence level in the class, self-esteem, self-awareness, decision making skill, interest in learning, special interest, hobbies, and classroom performance. Some of the issues, only mentor or only parent cannot solve but they can be solved in the meet interacting with each other together. Though student-teacher-parents interaction plays very important role in enhancing the teaching and learning process, stakeholder's feedback is equally important.

The ultimate aim of stakeholder's feedback is to get useful insights for the purpose of improvement in all aspects of teaching, learning, assessment and capacity building. Institute obtains feedback in the structured formats from all the stakeholders. Considering online mode of Teaching-Learning the feedback is also taken in online mode through Google forms. It identifies the gap between the action plan prepared by

the faculty members, delivery of curriculum and what is needed by the students. Inputs collected from all the stakeholders are analyzed and put forth in Board of Studies (BoS) for approval. After getting approval in BoS, the curriculum with the incorporation of recommended changes if any is sent to University Academic Council for their final endorsement.

The institute also takes students" feedback about teaching of faculties and the faculties with best performance are appreciated by management. This integrated approach, help the institute to enrich and improve the teaching – learning process.

Evidence / Impact of the practice:

- The mentoring system is implemented in each department successfully and significant improvement in the attendance and results have been observed.

- The slow and advanced learners" assessment has been implemented successfully in all the departments and significant numbers of slow learners are converted to advanced learner in each semester.

- In the parent-teacher meet, a number of issues were discussed with the parents in order to attain overall performance of the learners.

- The stakeholder's feedback is collected in a structured way as per the guidance of NAAC and communicated to the respective Board of Studies for the consideration. This feedback mechanism addresses the need of the curriculum revision /addition/deletion as per the need of industry.

Problems encountered and resources required / Obstacles faced and strategies adopted to overcome them:

- In the mentor-mentee system, some students feel uncomfortable in approaching the mentors and some are shy and reluctant to seek help. In order to overcome this, we interact with their parents and try to understand the issues.

- In learning assessment, we identify only two levels of learners slow Vs. advanced learners, however there is third category at intermittent level. Second, the learners are identified subject wise and not at overall level. To overcome this we proposed the change in the next academic year.

- Most of the parents are not willing to join the meet due to their time availability. They are also more reluctant to share the issues of their wards.

- Our traditional practice of conducting such feedback is an offline mode. However, due to the pandemic, the institute conducted it through online/virtual mode. Due to this, comparatively less responses were received from the learners.

- Taking the stakeholder's feedback is one way process from the institute as the final decision is taken by the respective department" board of studies of the university after receiving the feedbacks from all the affiliated institutes.

Best Practice -2
Holistic Approach to Support Students (HASS)

- **Financial Support**
- **Stress Free Learning**
- **Professional & Entrepreneurship Skill Development**
- **Social Connect**
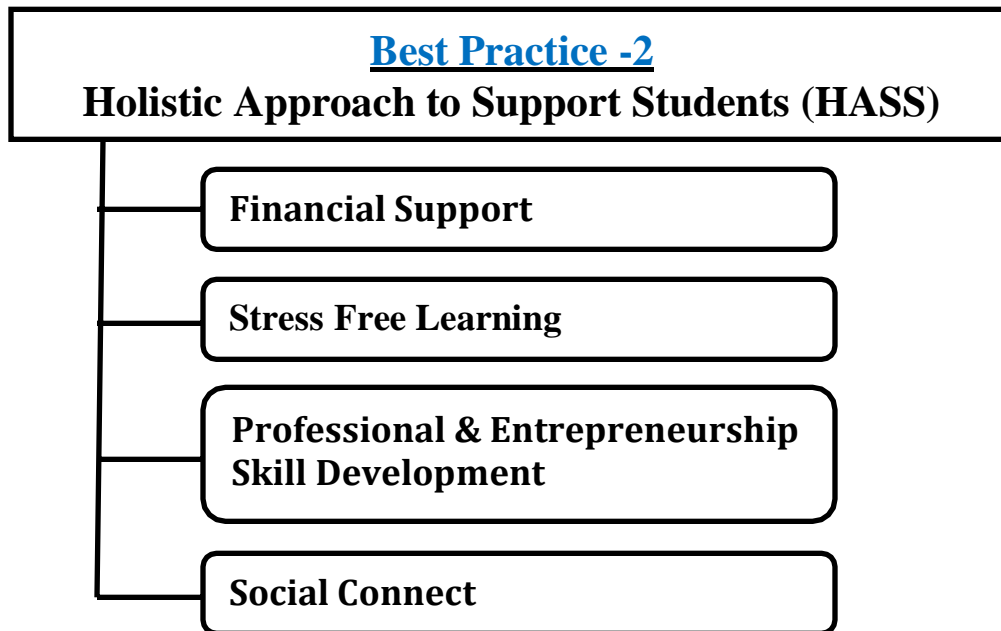
Title of the Practice: - Holistic Approach to Support Students (HASS)

The Context that required the initiation of the practice:

Dr D Y Patil School of Engineering conducts a good number of co-curricular and extra-curricular activities for the students from diverse background for their holistic development. Majority of the students admit to the institute comes from the rural areas with low economic back ground. A few students are meritorious and having good life skill knowledge finds difficulty to pay the tuition fee of the course. Sometimes, it leads them to drop-out midway through the course. Some students are interested to pursue higher education but their familial and financial constraints also prevent them from pursuing it. Due to some other circumstances they also go through a lot of stress.

Stress according to the dictionary is a state of mental or emotional strain or tension resulting from adverse or demanding circumstances. In engineering education; students go through a number challenging circumstances related to family, friends, health, habit, education or financials etc. this leads to a enormous stress. In order to deal this in regular teaching-learning process, the creation of a suitable stress free learning environment is necessary and several times the students need personal counselling by professional counsellor. The stress level can be reduced, if the institute helps to develop some professional skills of their choices.

The students are quite busy in their regular academic study and they are less aware about the industry-specific hard and soft skills. Especially if the students are unsure about the career path they would like to pursue, it is important to develop skills that can transfer from one industry to another. The skills also allow them to explore their job options freely while still creating a strong resume. Even after completing the course, they are not well aware about the other carrier opportunities and avenues available outside. If they know, they are not competent enough due to lack of awareness and knowledge. While becoming a successful entrepreneur is natural for some, others require certain essential skills to start and lead a business to success. Along with professional skill development it is equally important to connect the students from a wide range of backgrounds with society to increase retention, engagement and social capital for them.

Social connect is important for mental and physical health and wellbeing as students with poor social connections are more prone and more sensitive to the effects of social

threat and bullying, depression and anxiety, substance abuse and health issues. Hence, institute has adopted a holistic approach to support students integrating facets related to financial supports, stress free learning, professional and entrepreneurship skill development and social connect.

Objectives of the Practice:

- To support financially all the deserving students without any discrimination of caste, creed or gender.
- To inculcate work culture and dignity of labor and sense of responsibility amongst the students.
- To develop entrepreneurial skills and create a culture of entrepreneurship.
- To motivate students to take up self-employment or entrepreneurship as one of their career options.
- To inculcate the values of "generosity" and a "sense of social responsibility and connect" among the students.
- To identify and help students in order to pay attention to student"s physical, personal, social, & emotional wellbeing as well as cognitive aspects of learning.

The Practice:

In order to support the needy students financially, institutes has taken a number of initiatives. Earn and learn scheme of the university is one of the initiatives where the students enrolled under this scheme earn by doing work as per the requirement for library, laboratory, sports facility, hostel and administrative office etc. Institute waivers of the tuition fees for a few meritorious students for the entire course duration and also offers fees concession for the UG completed students to take admission in the post graduate programs (ME Programs). Beside, institute takes discounted fees from the students for publishing the conference papers in the good journals.

Institute always focuses on creating a right stress free learning environment conducting a number of webinars, workshops and events. The full time personal counselor, Mr. Yuvraj Patil has taken several programs like "how to make the right habits for success"

and "how to deal difficulties" in order to make the students stress free. Institute promotes the yoga activities on the campus though NSS with the help of professional trainers. A number of webinars are also arranged for the engagement of students towards knowing their own self in a deeper level and utilize their self-power towards gaining a better future from a career perspective. The psycho-neural counselling program was one of them conducted for students for career success. The overall purpose is to make the learning environment stress free.

Institute conducts a number programs, webinars, workshops and events in order to inculcate soft and hard skills among the students. Some events address the challenges and future carrier opportunities in different subjects like Mechanical, Computer science and ENTC and in diverse fields like IoT, Data Science, AI, machine learning, Pathon etc. Different departments conduct several short and long term professional training and employability skill development programs. Institute always encourages the students to prepare themselves for the competitive examples like MPSC and GATE. Institute has a very active entrepreneurship development cell (EDC) to promote and conduct a number of entrepreneurship activities. The cell regularly invites successful entrepreneurs to encourage and motivate the students.

Institute successfully created a socially inclusive environment by actively connecting students to professional community. The activities under the social connects are tree plantation, plastic free campus etc. Institute desires to pay attention to student"s physical, personal, social, emotional wellbeing as well as cognitive aspects of learning.

Evidence / Impact of the practice:

- During the year 2020-21, total 14 students are participated in the earn and learn scheme, belonging to different casts, creeds, religions.
- Mr. Pramod Maruti Jadhav has given fees concession for the entire course duration and Prajwal Sadashiv Patil has given 50% fees concession for AY 2020-21.
- In order the students to pursue higher education, the institute has reduced PG courses fees by 50% amount.

- Institute offered 40% discount in the publication fees to publish the conference paper in the International Journal of Scientific Research in Science and Technology (IJSRST).
- About 500+ students from departments of the institute attended the sessions of personal counsellor on stress relieving
- A number of students are trained in yoga by professional yoga trainer
- Several activities of professional and entrepreneurship skill development were conducted. Mr. Shidard Shinde and Mr. Sadik Khan are the role model for the institute as a budding entrepreneur.
- Institute conducted a two activities for social connect.

Problems Encountered and Resources Required / Obstacles faced and strategies adopted to overcome them:

- In the earn and learn scheme the institute came across problems like, scarcity of funds and constantly increasing number of students willing to join the scheme. Institute never took this scheme as a burden, but looks at it as a boon to inculcate our vision and mission very distinctively. The institute plans to offers some part time jobs to the needy students at campus.
- Many students are not approaching to avail fee concession schemes as it is linked to academic performance.
- Some of the students are shy and not ready to approach the counsellor when they are under stress.
- The pandemic situation has restricted to conduct the skill development, social connect and yoga activities offline.

Institutional Distinctiveness

ECO - Friendly Campus

Dr D Y Patil School of Engineering has a state-of-the-art infrastructure and gorgeous, green and eco-friendly campus. All buildings have sufficient amount of natural light and ventilation. The water and air samples are tested periodically and they are within the permissible limit as per IS 10500:2012. There is no direct source of air pollution on the campus. The campus is maintained very clean and plastic free by maintaining rigorous regime.

The campus has sound planning of water use and management of water resources. Traditional rain water harvesting practices are adopted in the campus for ground water recharge. Drip irrigation has been installed for watering of plants. A well maintained Sewage Treatment Plant [STP] is installed and the waste water is recycled for gardening purpose. All types of solid wastes are properly segregated and disposed.

The campus has taken the initiative towards carbon neutrality by promoting Electrical bike facility in campus movement. Non-conventional energy source like solar energy are also promoted. The campus is full of Biodiversity – about 30 different floras are planted for beautification and different types of birds and insects are observed. At most care is taken for Health and Safety Management. For the entire stakeholders, the campus is like second home. Institute has an eco-friendly environment committee through which the cross-cutting issues of environment and its sustainability are addressed.

The Internal Eco-Friendly Environment Committee of Dr D Y Patil School of Engineering has done an internal assessment of Campus Environment & its Sustainability for the year 2020-21. The assessment covered the observations with respect to:

1] Water resources and management

2] Energy resources and management

3] Waste generation and management

4] Safety management

5] General Sanitation

6] Biodiversity & Adopted Green Practices.

Stakeholders are encouraged to follow the plastic reduction plan based on following principles, ·
. Identify - Operational areas to identify where single use plastics are used.

· Avoid - Avoid the use of single use plastics wherever possible

· Substitution - Identify more sustainable alternatives to single use plastics wherever possible

· Recycling - Ensure that we have a functional sustainable waste management system in place for single use of plastics.

Institute undertakes awareness programs for stakeholders regarding reduce, reuse and recycle of plastic. A detailed internal assessment of campus environment & its sustainability report for the year 2020-21 is attached.

ISO Auditors Team have appreciated our eco-friendly campus.

The D Y Patil Campus has received awards as follows:

1] Clean and Pollution Free Campus Award 2021 from PCMC representative, Pune. Recognition Letter by Mr. Nitin Kalage,Mayor of PCMC.

2] Clean and Green Campus Award 2021 from PCMC, Pune. by MLA Mr. Maheshdada Landge,Bhosari, Pune

निर्तान प्रताप काळजे
मा. महापौर
पिंपरी चिंचवड महानगरपालिका
संचालक : पुणे महानगर परिवहन महामंडळ लि.

मनपा : ०२०-६७३३३३३३/२७४२५५११
विस्तार : १२०१/१२१८
कार्यालय : ०२०-२७४२०७६३/२७४२१४९८
मोबाईल : ९८५०५०२१००, ऑफिस टेलिफॅक्स : ०२०-२७४२१४९८
E-Mail : mayor@pcmcindia.gov.in
nitinkalaje@gmail.com

संपर्क कार्यालय : सर्व्हे नं. १५१/४, वडमुखवाडी, अलंकापुरम सोसायटी जवळ, पुणे-आळंदी रोड, पुणे-४१२१०५.
निवास : काळजेवाडी, च-होली बु।।, ता. हवेली, जि. पुणे-४१२१०५.

दि.- १६/०७/२०२१

स्वच्छ आणि प्रदूषण मुक्त परिसर पुरस्कार - २०२१

अजिंक्य डी वाय पाटील विद्यापीठ,च-होली बुद्रुक व्हाया लोहगाव,पुणे -४१२१०५ यांना त्यांचे रमणीय उद्यान बद्दल "स्वच्छ आणि हरित परिसर पुरस्कार प्रदान करण्यात येत आहे.

अजिंक्य डी वाय पाटील विद्यापीठाने त्यांच्या सर्वोत्कृष्ट बागकामाची सर्वोत्तम आदर्श निर्माण केला आहे.

हा पुरस्कार संस्थाची उद्याने गटामध्ये विद्यापीठाने बागकामामधील वचनबद्धता सिद्ध करून वेगळा आदर्श निर्माण केला आहे.

रमणीय उद्यान या संकल्पनेस पात्र ठरण्यासाठीचे मूलतः सर्वोत्तम रचना,उत्कृठ बागकामाचे प्रदर्शन,आणि रमणीय मांडणी,तसेच सर्व स्तरातील विद्यार्थ्यांना या नाविन्यपूर्ण बागकामाची प्रोत्साहित करणे हे निकष ठेवण्यात आले आहे.

आपला विश्वासु,

निर्तान प्रताप काळजे
मा.महापौर विद्यमान नगरसेवक
पिंपरी चिंचवड महानगरपालिका

निवास : लांडगे आळी, महादेव मंदिराजवळ, भोसरीगांव, पुणे – ४११ ०३९. मोबा. : ९९२२६०९६६६
ऑफीस : शितलबाग कॉम्प्लेक्स, तुळजा भवानी मंदिरा मागे, पुणे–नाशिक रोड, भोसरी, पुणे –४११०३९. Website: www.maheshlandge.com

जा.क्र. : २४५७

दिनांक : ०२ / ०८ / २०२१

स्वच्छ आणि हरित परिसर पुरस्कार २०२१

स्वच्छ आणि हरित परिसर पुरस्कार, अजिंक्य डी वाय पाटील विद्यापीठ, च-होली बुद्रुक व्हाया लोहगाव, पुणे – ४१२१०७ यांस रमणीय उद्यानास बागकामातील सर्वोत्कृष्ट पद्धतीचे अवलंबाबद्दल प्रदान करण्यात येत आहे. प्रधान निरीक्षण समितीने संस्थांची उद्याने या वर्गामध्ये या विद्यापीठाने, बागकामातील सर्वोत्तम पद्धतीचे अवलंबाबरोबर, बागकामातील वचनबद्धता आणि देखणे प्रदर्शन यावरून निवड केली आहे.

या पुरस्कारासाठी करवयाचे निवडीसाठी मूलत: राष्ट्रीय व प्रादेशिक बागकामातील समुदायासाठी हरित परिसरासाठी उच्चतम वचनबद्धता तसेच सर्व स्तरातील विद्यार्थ्यांसाठी नाविन्यपुर्ण बागकाम पद्धतीसाठी प्रोत्साहित व प्रेरित करणे आदि निकष लावण्यात आले आहे.

आपला स्नेहांकित,

महेश किसनराव लांडगे

The institute plan of action for the next academic year 2021-22

1. Institute preparedness to National Education Policy 2020: Time bound perspective plan.

2. Compliances in regard with NAAC-Cycle 1 &Various Audits.

3. A complete roadmap to prepare for NAAC Cycle-2.

4. To strengthen the liaison among the stakeholders like, students, teachers, parents, and employers.

5. To strengthen alumni relationship and engagement.

6. To strengthen industry linkages and collaboration.

7. To set up centers of excellence in robotics, IoT, Data Mining.

8. To develop an appraisal system to appreciate students, teaching and non-teaching staff.

9. Outcome based focus on entrepreneurship development from the first year of engineering.

10. To develop the research culture among the students and teaching staff.

11. To submit major research proposals to various funding agencies for fetching research grants.

12. To conduct more number of seminars, conferences and workshops on recent trends of National and International importance.

13. To encourage students representation & participation in various committees.

14. To ensure more than 90% placement of eligible students in reputed organization with good packages.

15. To increase participation and conduct more number of extension activities.

16. To arrange outcome based staff development programs for teaching and nonteaching staffs.

17. To strengthen eco-friendly practices and conduct regular audits.

Photo Gallery (A.Y. 2020-21)

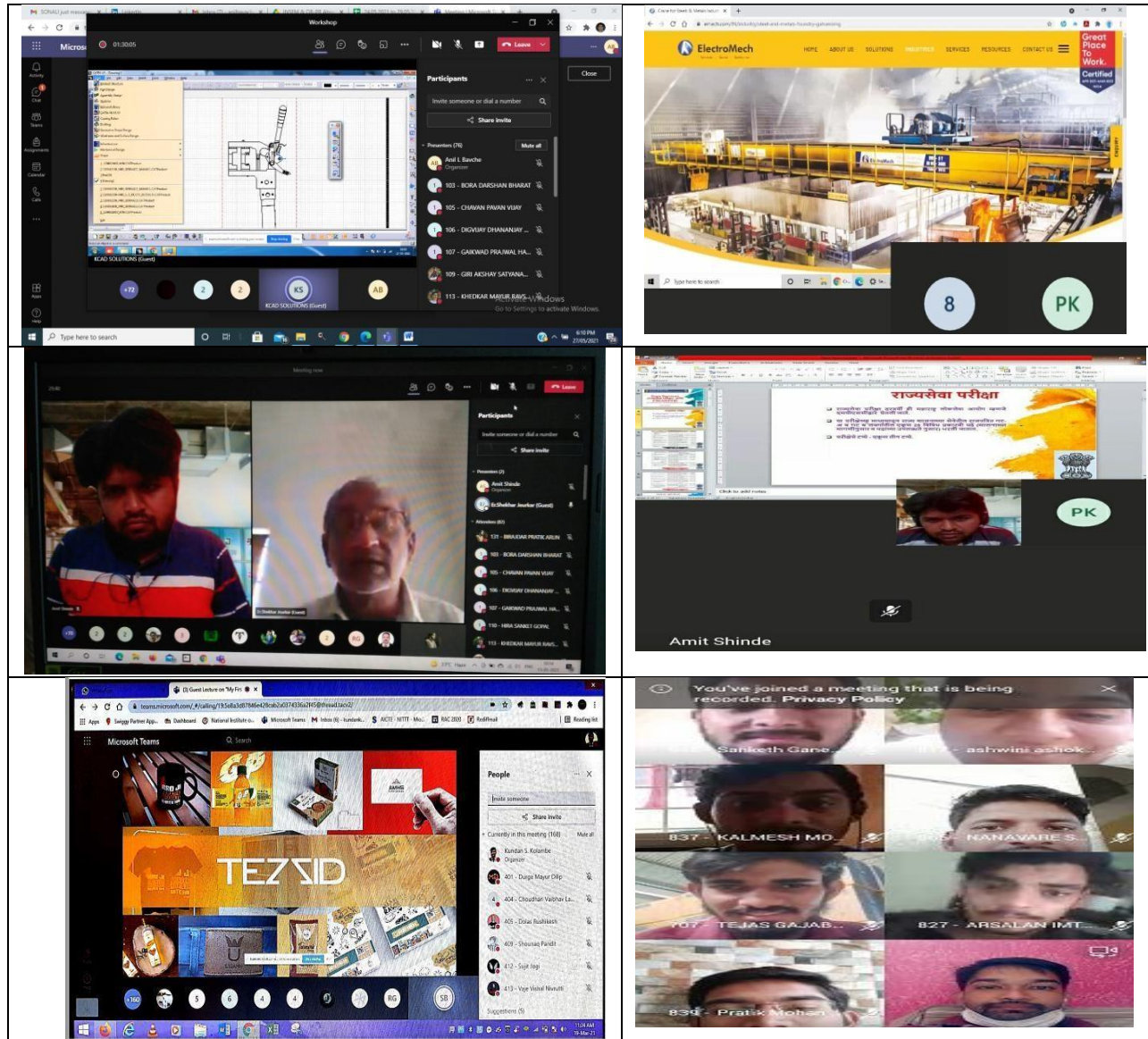## Department of Computer Engineering
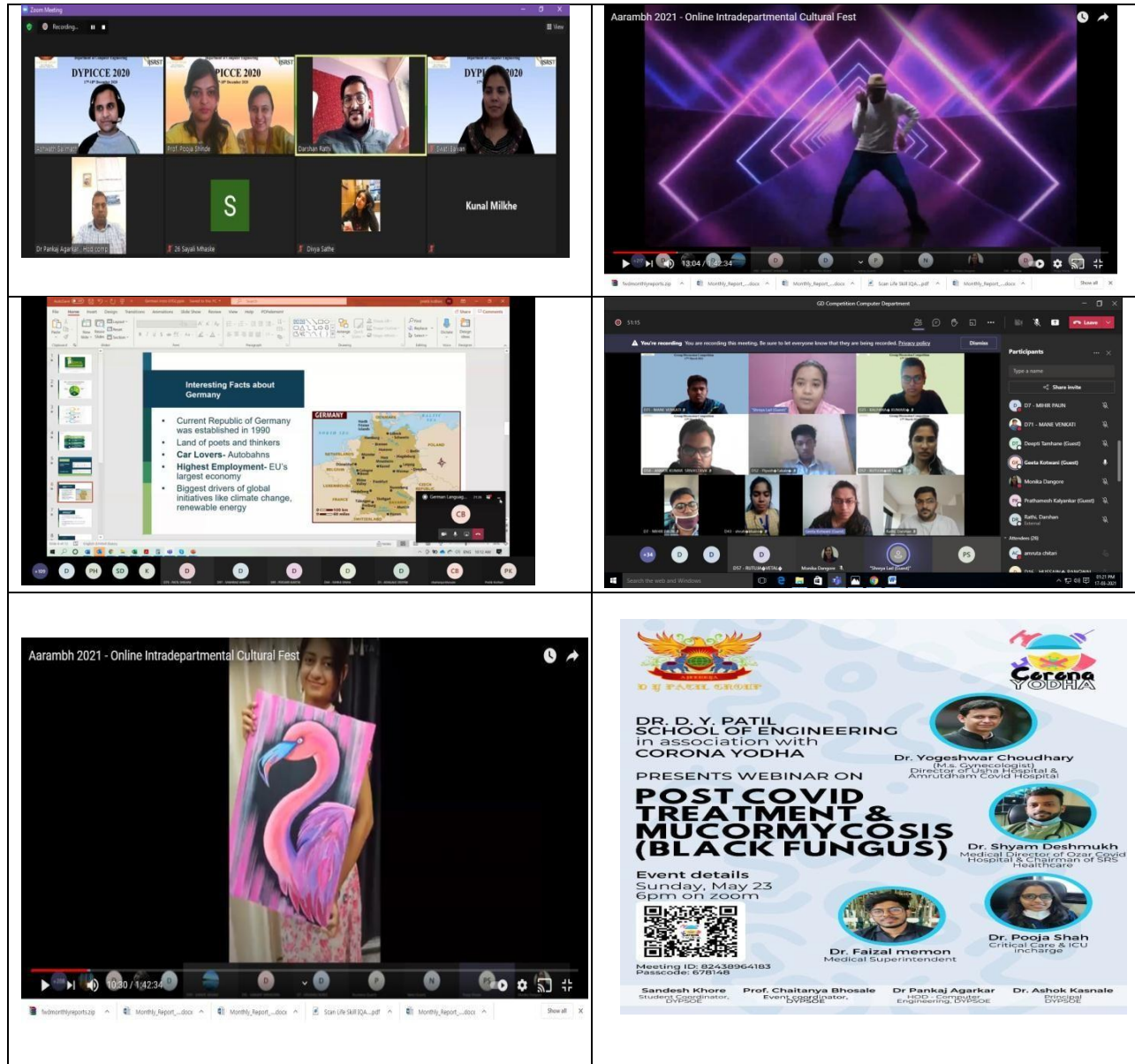
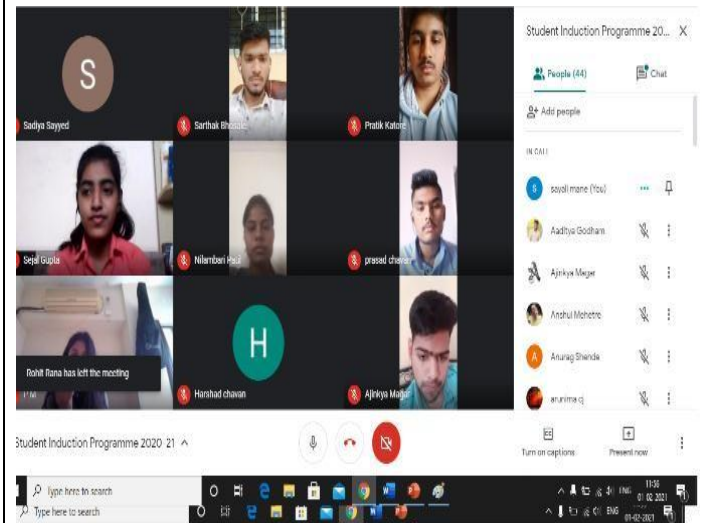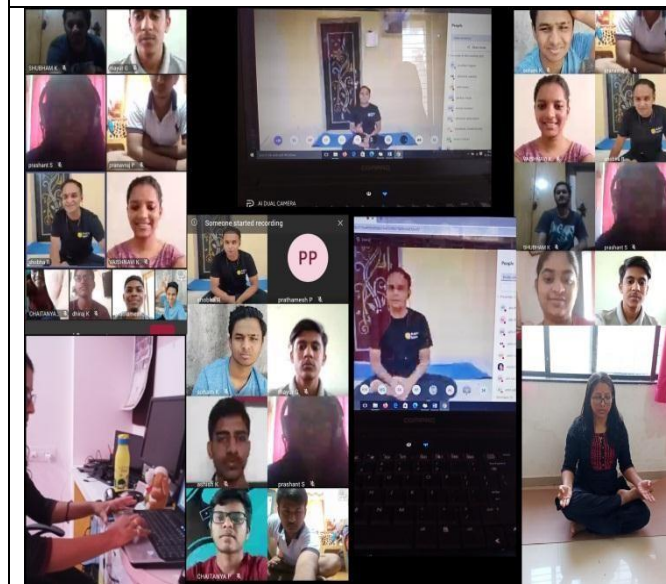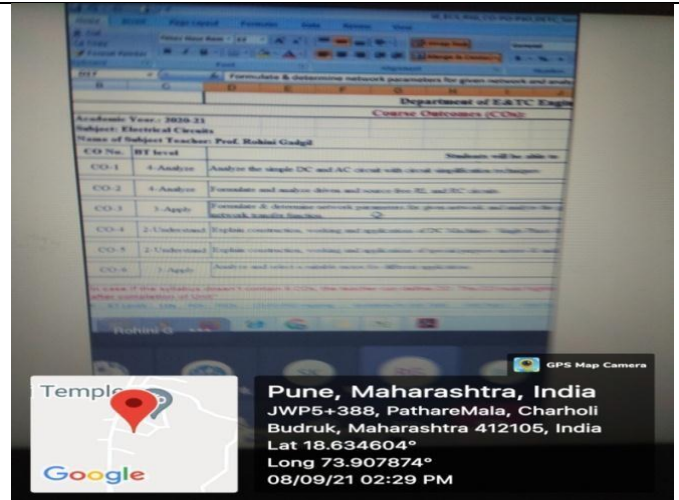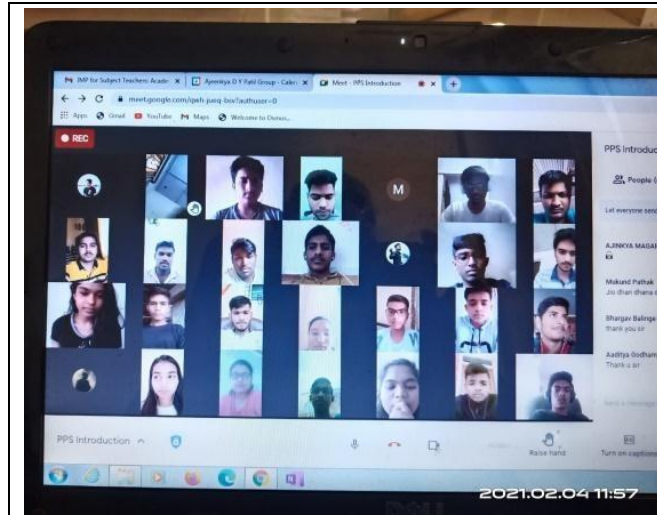# Department of E&TC Engineering
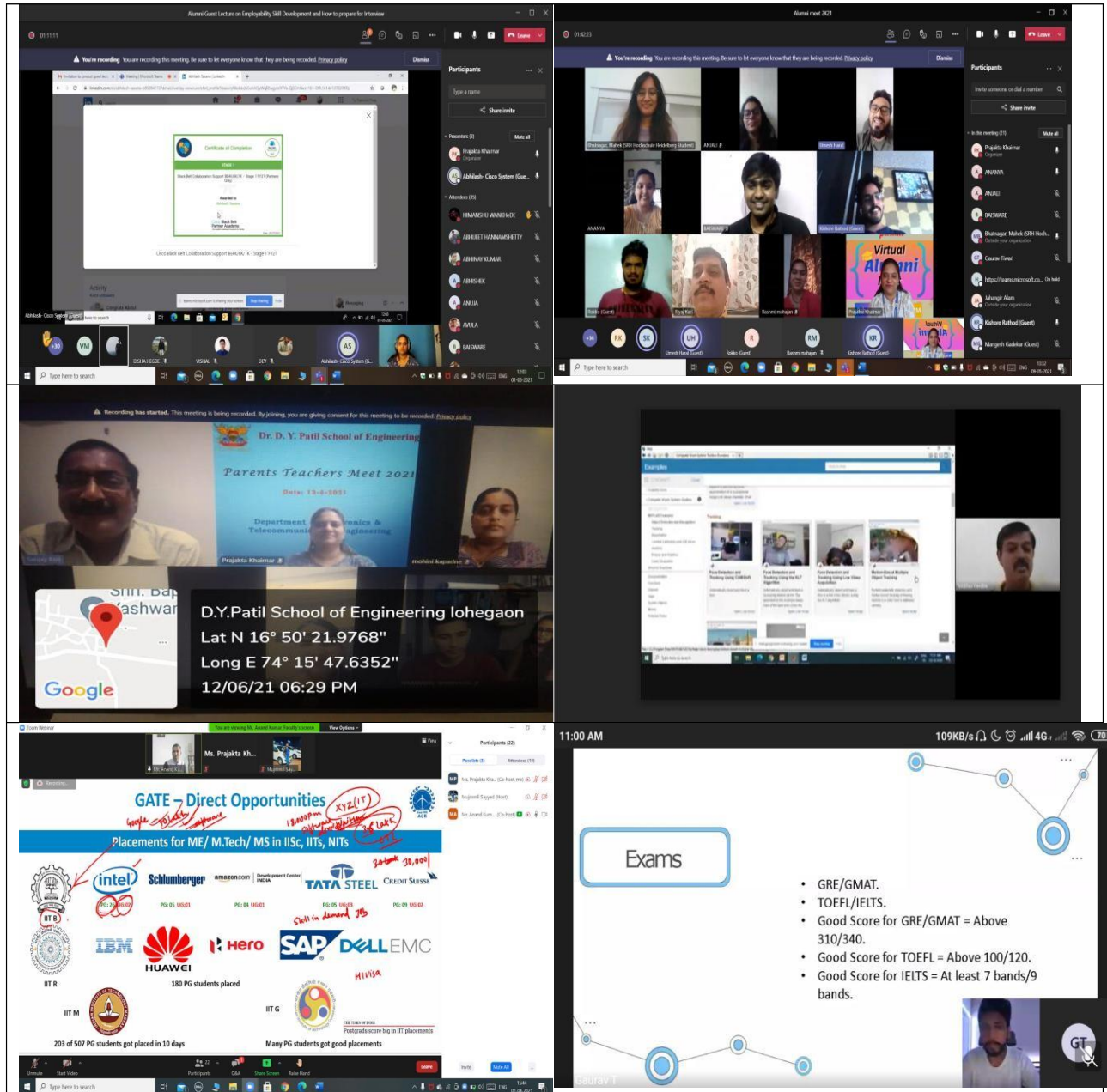
Department of Civil Engineering

Department of Mechanical Engineering

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