

## **Annual Activity of Sardar Patel College of Engineering, Andheri(west), Mumbai (2019-2020)**

<b>Name of the Institution</b>	:	Sardar Patel College of Engineering
<b>Address with phone number and email</b>	:	Bhavan's Campus, Munshi Nagar Andheri (West), Mumbai - 400 058  Phone (022) 26289777, 26232192
<b>Affiliation</b>	:	Autonomous Institution Affiliated to University of Mumbai
<b>Academic / Professional Levels</b>	:	B.Tech (Civil/Mechanical/Electrical) M.Tech (Structural Engg/Construction Management/Thermal Engg./Machine Design/Power Electronics & Power Systems)
<b>Name of I/c Principal</b>	:	Dr. M. M. Murudi

Sardar Patel College of Engineering (SPCE) under the management of Bharatiya Vidya Bhavan's, was established in 1962 to meet the growing demand for engineering talent. SPCE became autonomous in 2010 and achieved several more milestones since then. SPCE has held up to its high standard of self-improvement as is evident by the accreditation received by the Civil Engineering Undergraduate and Mechanical Engineering Undergraduate programme from National Board of Accreditation (NBA) for upto June 2021. The institute has also maintained its standing amongst elite institutes receiving an NIRF rank in the last few years.

The college is one of the 192 institutes in India and 17 institutes in Maharashtra, selected for Technical Education Quality Improvement Programme (TEQIP) I, II and III for transformation of the talented education system. Due to outstanding performance in implementation of TEQIP, the college has also been selected under TEQIP III.

The college has established 'Center for Continuing Education' under TEQIP to transform teaching and learning process by conducting various courses and workshops for faculty, support staff and students. Through implementation of these programs, the institute has emerged as one of the top colleges in India, evolving the education system. Acknowledging the efforts of the college, SPCE is a mentor institute for developing other weak institutes from other states of the country under TEQIP III.

Entering its 9th year of autonomy given by the UCG, SPCE has successfully managed the completion of the 2019-20 via online teaching mediums. The college looks forward to continuing implementing innovative teaching methods to proceed with the academic year 2020-21 despite the Covid-19 pandemic.

SPCE boasts of a stellar line-up of professors, with 27 professors out of a total of 42, holding a Ph.D. degree. Several professors also seek to broaden their scope of knowledge by attending international conferences and engaging in research projects. The supporting staff engage in several developmental courses and endeavour to implement better practices amongst students and professors alike.

SPCE has always focused on the overall and holistic development of students. Our students have achieved academic excellence while bagging prizes in national level competitions.

Students also display their talents in organizing various technical and social events such as SPECTRA, SPACE, SPCE Annual Debate Competition, SPIRIT etc. Students are also playing a vital role in various government schemes such as Unnat Bharat Abhiyan (UBA), and Unnat Maharashtra Abhiyan (UMA) acting as enablers to execute project objectives.

**Academic Excellence :**

<b>Discipline</b>	<b>No. of Students Appeared</b>	<b>No. of Students Passed</b>	<b>Percentage of Passing</b>	<b>Distinction (In Percentage)</b>	<b>First Class (In Percentage)</b>
Civil Engineering	78	76	97.44 %	84.62 %	12.82 %
Mechanical Engineering	73	71	97.26 %	90.41 %	24.66 %
Electrical Engineering	72	72	100 %	54.00 %	23.61 %
M. Tech Construction Management	16	16	100 %	87.50 %	12.50 %
M. Tech Structural Engineering	16	16	100 %	87.50 %	12.50 %
M. Tech Thermal Engineering	16	16	100 %	100 %	–
M. Tech Machine Design	16	16	100 %	100 %	–
M. Tech Power Electronics and Power Systems	12	12	100 %	100 %	–

**Placement Records:**

<b>Sr. No.</b>	<b>Name of Program</b>	<b>No of students Placed in 2019-20</b>	<b>Maximum Salary Offered by Company per Annum (in Rs. Lakhs)</b>	<b>Average Salary Offered by Company Per Annum (in Rs. Lakhs)</b>
1.	B. Tech Civil	44	6.00	4.00
2.	B. Tech Mechanical	51	6.00	4.00
3.	B. Tech Electrical	43	6.00	4.00
4.	M. Tech. (Civil) Structural Engineering	11	6.00	5.00
5.	M. Tech. (Civil) Construction Management	01	6.00	4.00
6.	M. Tech. (Mechanical) Machine Design	14	6.00	5.00
7.	M. Tech. (Mechanical) Thermal Engineering	04	6.00	4.00
8.	M. Tech. (Electrical) Power Electronics and Power Systems	04	6.00	5.00

### **Institutional Achievements:**

1. The Institute shall receive a grant of 7 cores from MHRD under TEQIP-III program for three years.
2. The painting work of Institute Building and Hostel Building was carried during last two years at approximate expenditure of around 36 lakhs.
3. Rewiring and electrification work of Institute Building and Hostel Building was carried out during last two years at approximate expenditure of around 35 lakhs.
4. The Institute library has replaced old books rack by new compactors in reference and lending section at a cost of around 19 lakhs.
5. The Institute library has purchased remote access solution for online access for stakeholders during COVID 19 pandemic.
6. Received 12 SMART Digital Boards under TEQIP III form MHRD-NPIU for digital class room.

### **Department wise Achievements:**

#### **(a) Mechanical Engineering Department**

- (i) Dr. R. S. Maurya received grant of Rs. 15.34 Lakhs from RGSTC for project titled, "Feasibility study of using solar powered coal boxes to improve the shelf life and hygiene of fish sold in retail markets in Mumbai", from Government of Maharashtra. The project will be executed in collaboration with Central Institute of Fisheries Education (CIFE) Mumbai. Currently project is in second year phase.
- (ii) Dr. Kiran Bhole Received a grant of Rs. 20 Lakh in August 2016 from Science and Engineering Research Board, Department of Science and Technology, Government of India for his research project titled, "Design and Development of Three Axis Flexural Stages for Micro-Milling Workstation", currently project is in second year phase.
- (iii) Compliance for second cycle of NBA accreditation (tier-I) of The B. Tech (Mechanical Engineering) program was uploaded on NBA portal.
- (iv) Dr. S. B. Rane and his PhD research scholar received one patent on "Smart Forging Machine" on 19 Feb. 2020.
- (v) Dr. S. B. Rane has applied for three areas on "A System and A Method for Performing Forging Operation", "Smart Gear Testing Machine", "Methods and Systems for Identifying A Defected Work-Piece"
- (vi) Total publication by faculty of MED in international Journals and International Conferences is 06 and 04 respectively.
- (vii) ISHRAE Student Members have got the best Technical Paper Award in Jamboree (Student Technical Fest) in 2019-20.
- (viii) Prof. Hassen Shaikh selected for Ph.D. in IIT Bombay under QIP program. Successfully completed his contact program
- (ix) All the faculty members were actively participated in FDP, STTP, Workshops and Online SWAYAM-NPTEL courses.
- (x) Dr. Nilesh Raykar recorded digital content in the form of 74 number videos of total 20 hours duration for following subjects: Solid Mechanics, Introduction to Optimization Methods, Process Equipment Design & Piping
- (xi) Engineering. These videos were uploaded on YouTube for students' benefit during Mar-May 2020.

**(b) Civil Engineering Department**

- (i) Compliance for second cycle of NBA accreditation (tier-I) of The B. Tech (Civil Engineering) program was uploaded on NBA portal.
- (ii) The civil engineering department has generated revenue of Rs. 1,98,84,056/-from testing and Rs 28,57,401/-from consultancy work.
- (iii) All the faculty members were actively participated in FDP, STTP, Workshops and Online SWAYAM-NPTEL courses.

**(c) Electrical Engineering Department**

- (i) Electrical Engineering Students Association (EESA) is active throughout the year. The students conducted and participated in many technical and extracurricular activities like SPECTRA, EESA cup etc. under the guidance of department faculty Mr. Rahul Chavan and Mr. Vishal Dake.
- (ii) Forty Three students appeared for the GATE examination and Eleven students qualified in the same.
- (iii) UG and PG students have published papers in various international conferences.
- (iv) All the faculty members were actively participated in FDP, STTP, Workshops and Online SWAYAM-NPTEL courses.

**(d) First Year Engineering Department**

- (i) As per the AICTE guidelines, Three Weeks Induction Programme was conducted under TEQIP-III for the First Year B.Tech Students (2019-2020 Batch) from 29<sup>th</sup> July 2019 to 22<sup>nd</sup> August 2019 at Sardar Patel College of Engineering. The various activities such as Physical Activity, Creative Arts and Culture ,Mentoring & Universal Human Values ,Familiarization with College, Dept./Branch, Literary Activity • Proficiency Modules ,Lectures & Workshops by Eminent People, Visits in Local Area, Extra-Curricular Activities in College, Feedback and Report on the Program conducted during the Induction Programme.
- (ii) All the faculty members were actively participated in FDP, STTP, Workshops and Online SWAYAM-NPTEL courses.

**TEQIP-III Activities for A. Y. 2019-20:**

Sr. No.	Name of the Activity	Amount Utilized (Rs.)	Duration / Date		Coordinator of the Activity	Department
			From	To		
<b><u>1.3.2.1 (Activities for Improve Students Learning)</u></b>						
1	Guest Lecture for Third Year B. Tech Electrical Engineering Student of Environmental Science Subject	2500.00	10-04-2019	10-04-2019	Suvedh Jaywant	Electrical
2	Guest Lecture on "Estimation and Valuation - Infrastructure Projects" for Final Year- Sem VIII Civil Engg.	2500.00	10-04-2019	10-04-2019	Mr. Naman Pandey	Civil
3	Guest Lecture on Soil Exploration	2500.00	28-03-2019	28-03-2019	Dr. P.G. Gaikwad	Civil
4	SELP for Students at SPCE For 06 Days on 25th April to 01 May, 2019.	65011.00	25-04-2019	01-05-2019	Dr. Rahul Dahatonde	Electrical
5	Remedial Lecture for A.I. at SPCE	2250.00	07-05-2019	07-05-2019	Ushma Shah	Electrical
6	Expert Lecture on Power Plant Operation at SPCE	5446.00	08-05-2019	08-05-2019	Prof. Parag Muley	Mechanical
7	02 Days Workshop on Finite Element Analysis Using ANSYS	1713.00	17-06-2019	18-06-2019	Dr. Nilesh Raykar	Mechanical
8	Remedial Coaching Academically Weak First Year Mechanical Engg Students	4500.00	31-01-2019	10-05-2019	Mr.Sharad Valvi	Mechanical
9	Remedial Lectures for Course Project Management T.Y.B.Tech Electrical.	3000.00	20-06-2019	21-06-2019	Dr. Rahul Dahatonde	Electrical

10	Remedial Teaching for First Year B.E.E. at SPCE	4500.00	24-06-2019	25-06-2019	Dr.B.B.Pimple	Electrical
11	Remedial Coahing For Students Failed in May-2019 at SPCE	4500.00	02-07-2019	04-07-2019	Dr A.N.Ghadge	Civil
12	Remedial Coaching B.Tech Students at SPCE.	3000.00	02-07-2019	02-07-2019	Dr A.N.Ghadge	Civil
13	Remedial Teaching B.Tech Final Yearon Electrical Drives and Control	2250.00	05-07-2019	05-07-2019	Dr. B.B.Pimple	Electrical
14	Remedial Coaching for Concrete Technology.	2250.00	20-06-2019	20-06-2019	Ms. Neelam Petkar	Civil
15	Remedial Lectures for Engineering Mechanic-II F.Y.B.Tech.	2250.00	02-07-2019	02-07-2019	Ms. Pradnya Sambary	Civil
16	Remedial Coaching for Structural Mechanics	750.00	05-07-2019	05-07-2019	Dr. A.A.Bage.	Civil
17	Arranging Guest Lecture for the Course Engineering Economics T.Y.B.Tech Electrical	43900.00	01-07-2019	01-11-2019	Dr. Rahul Dahatonde	Electrical
18	Course on Essentials for NX Designers	70000.00	29-07-2019	02-08-2019	Dr. Anupa Sabnis	Electrical
19	Industrial Visit to Solar Thermal Power Plant at Abu Road, Rajasthan	28678.00	23-08-2019	25-08-2019	Dr. R.S.Maurya	Mechanical
20	Remedial Lectures (Engg Mathematics II) for F. Y.B.Tech	3000.00	03-07-2019	4/7/2019	Mr. S.G.Barot	Civil
21	Remedial Coaching for Computer Programming (FY.Civil) at SPCE	2250.00	03/07/2019	03/07/2019	Ms.Matilda Mary	Electrical
22	Remedial Lectures on Microprocessor + Microcontroller	1500.00	12-07-2019	12-07-2019	Ms. Matilda Mary	Electrical
23	Employability Skills Test for UG Students	1041.00	09-08-2019	10-08-2019	Dr. Rahul Dahatonde	Electrical
24	Latex Workshop	6945.00	23-08-2019	23-08-2019	Ms.Ushma Shah	Electrical

25	Criteria Selection of Building Materials Guest Lecture	2500.00	21-08-2019	21-08-2019	Prof. Reshma Raskar	Civil
26	Workshop on Idea Generation Techniques	3882.00	29-08-2019	29-08-2019	Kunal Bhavsar	Mechanical
27	Induction Programme for F.Y.B.Tech. Students.	132180.00	29-07-2019	20-08-2019	Dr. A. A. Bage	Civil
28	Remedial Coaching for Direct Second Year Mechanical Engg Students.	10500.00	19-08-2019	31-08-2019	Prof. Haseen Shaikh	Mechanical
29	Tools & Techniques for Hydrological Investigations.	21616.00	04-11-2019	08-11-2019	Dr. P.G.Gaikwad	Civil
30	Expert Lecture on use of Geometry in Engineering Problem Solving.	2500.00	27-09-2019	27-09-2019	Dr. R.B.Buktar	Mechanical
31	Lecture on Swami Vivekananda: An Eternal Source of Inspiration for Youths.	3350.00	24-09-2019	24-09-2019	Prof. Parag Muley	Mechanical
32	Guest Lecture on Cement & Concrete as Building Materials.	2500.00	25-09-2019	25-09-2019	Dr. R.R.Phule	Civil
33	One Day Hands on Workshop on Water Gems for 4th Year Civil Students.	9080.00	11-10-2019	11-10-2019	Dr. Hansa Jeswani	Civil
34	Expert Lecture on Energy Efficiency and Renewable Energy.	2500.00	14.10.2019	14.10.2019	Prof. Kunal Bhavsar	Mechanical
35	One Day Workshop on Innovation and Ipr.	8797.00	15-11-2019	15-11-2019	Dr. Santosh Rane	Mechanical
36	Manufacturing Scienc for Academically Weak Second Year Mechanical Engineering Students.	6000.00	26-08-2019	04-10-2019	Prof.Haseen Shaikh	Mechanical
37	Remedial Coaching for Weak Students.	1500.00	02-11-2019	02-11-2019	Divya T.A.	Civil
38	One Day Workshop On Innovation and IPR.	8797.00	15-11-2019	15-11-2019	Dr. Santosh Rane	Mechanical
39	Remedial Coaching for Weak Students.	1500.00	02-11-2019	02-11-2019	Divya T.A	Civil

40	Remedial Lectures for Course Project Management T.Y.B.Tech Electrical.	3000.00	05-12-2019	06-12-2019	Dr. Rahul Dahatonde	Electrical
41	Technical Value Added Course in Coordination with Industry.	236000.00	23-12-2019	28-12-2019	Ms.V.P.Joshi	Electrical
42	Remedial Teaching for PSE-I Subject Sem-V Third Year Students.	3000.00	02-01-2020	03-01-2020	Dr.N.W.Kinhekar	Electrical
43	Remedial Lectures.	3000.00	04-01-2020	04-01-2020	Dr. Rahul Dahatonde	Electrical
44	Remedial Teaching (Control System).	3000.00	01-01-2020	01-01-2020	N.G.Bhitre	Electrical
45	Remedial Teaching for B.Tech Final Year Students Sub: Electrical Drives and Control.	4500.00	01-01-2020	02-01-2020	Dr. B.B.Pimple	Electrical
46	Remedial Lecture for S.Y.Civil Students.	3000.00	31-12-2019	31-12-2019	Dr. A.N.Ghadge	Civil
47	Remedial Coahing for T.Y.Civil Students.	3000.00	01-01-2020	01-01-2020	Dr. A.N.Ghadge	Civil
48	Training in MIDAS Software & Industry Based Bridge Engg.	75000.00	15-12-2019	12-01-2020	Dr. A.A. Bage	Civil
49	Remedial Coaching Classes of Manufacturing science Subject for Academically Weak Second Year Mechanical Engineering Students.	4500.00	01-01-2020	03-01-2020	Prof. Haseen Shaikh	Mechanical
50	Remedial Classes for EE II (B.Tech Re-Exam-2020).	2250.00	04-01-2020	04-01-2020	Dr. Hansa Jeswani	Civil
51	Remedial Coaching for F.Y.B.Tech Electrical Engineering Students.	4500.00	30-12-2019	03-01-2020	Sharad Valvi	Mechanical
52	Remedial Lectures for Engineering Mechanical- I, Semester 1 F.Y.B.Tech (C/M/E).	3000.00	24-12-2019	24-12-2019	Pradnya Sambary	Civil
53	Remedial Coaching in Mathematics.	4500.00	26-12-2019	27-12-2019	S.G.Barot	Civil



54	Tools & Techniques for Hydrological Investigations at National Institute of Hydrology, Roorkee.	21616.00	04-11-2019	08-11-2019	Dr. P.G.Gaikwad	Civil
55	Remedial Coaching for Weak Students.	3750.00	13-12-2019	13-12-2019	Divya T.A.	Civil
56	Arranging Guest Lecture for the course Project Management.	5000.00	01-01-2020	01-04-2020	Dr. Rahul Dahatonde	Electrical
57	Arrange Seminar for T.Y.B.Tech & Final Year Students Mechanical Engineering.	250.00	26-02-2020	26-02-2020	Dr. Umale	Mechanical
58	Remedial Lecture- Advanced Solid Mechanics (F.Y.M.Tech- Civil Structural).	3000.00	30-12-2019	30-12-2019	Ankit Asher	Civil
59	Remedial Lecture - Design Of Prestressed Concrete Structures (F.Y.M.Tech-Civil Structural).	2625.00	31-12-2019	31-12-2019	Ankit Asher	Civil
60	Remedial Lecture on Engineering Mechanics I, Sem 1-F.Y.B.Tech (C/M/E).	2250.00	24-12-2019	24-12-2019	Ankit Asher	Civil
61	Industrial Visit To GIDC, Ahmedabad And Amul, Anand, Gujarat.	39380.00	13-02-2020	16-02-2020	Dr. Hansa Jeswani & Dr. Reshma Raskar	Civil
62	Lecture Series on Analog Circuits at SPCE.	12500.00	04-02-2020	25-03-2020	Dr. Anupa Sabnis	Electrical
63	Arranging Guest Lecture for the Course Project Management.	5000.00	01-01-2020	APRIL 2020	Dr. Rahul Dahatonde	Electrical
64	One Week Internship Program at Adani, at Dahanu.	81750.00	24-06-2019	29-06-2019	Prof. Parag Muley	Mechanical
65	Arrange Seminar for T.Y.B.Tech & Final Year Students Mechanical Engineering.	250.00	26 FEB, 2020	26 FEB, 2020	Dr. Umale	Mechanical
66	Expert Lecture "Ethical Management Practices & Leadership".	508.00	23-01-2020	23-01-2020	Prof.Parag Muley	Mechanical

67	Arranging Guest Lecture for the Course Project Management.	5000.00	Jan-20	May-20	Dr. Rahul Dahatonde	Electrical
68	Training Cum Workshop on Project Management Software's - M.S.Project and Primavera.	58883.00	07-03-2020	09-03-2020	Dr. A.N.Ghadge	Civil
<b><u>1.3.2.3 (Activities for Graduates Employability)</u></b>						
1	Felicitation of GATE 2019 Students on 27.05.2019 at SPCE	3840.00	27-05-2019	27-05-2019	Ms. Ushma Shah	Electrical
2	03 Days Training Program on Leadership and Team Building	35719.00	28-05-2019	30-05-2019	Dr. Rahul Dahatonde	Electrical
3	Reimbursement of GATE 2019 Registration Fees	167000.00	2019 batch	2019 batch	Ms. Ushma Shah	Electrical
4	Training Programme on Interpersonal Effectiveness and Team Building	29648.00	11-06-2019	14-06-2019	Dr. Rahul Dahatonde	Electrical
5	Training Programme on Interpersonal Effectiveness and Team Building	28951.00	20-06-2019	23-06-2019	Dr. Rahul Dahatonde	Electrical
6	Employability Skills Training for 2020 Batch Students	253700.00	24-06-2019	06-07-2019	Dr. Rahul Dahatonde	Electrical
7	One Week Internship Program at Adani, DTSP, Dahanu	81750.00	24-06-2019	29-06-2019	Prof. Parag Muley	Mechanical
8	GATE Training for 2020 Batch Students	1306800.00	27-05-2019	15-06-2019	Gate Training	Electrical
9	Technical Value Added Course in Coordination with Industry.	354000.00	5,6,12,13,19 OCT-2019	5,6,12,13,19 OCT-2019	Ms. V.P.Joshi	Electrical
10	Training cum Competition on Industrial Automation.	40000.00	27-11-2019	28-11-2019	Dr. Kiran Bhole & Dr. Sangeeta Daingade	Mechanical
11	Technical Value Added Course in Coordination with Industry.	472000.00	02-12-2019	06-12-2019	Mrs. V.P. Joshi	Electrical

12	Non Technincal Value Added Courses Floated- Financial Literacy, Ubuntu, Self Defence, Integrated Self Management, Photography.	223500.00	01-07-2019	01-12-2019	Ms. V.P. Joshi	Electrical
13	Training Program on Interpersonal Effectiveness and Team Building.	83630.00	BATCH 1- 09-11 JANUARY, 2020	BATCH 2- 20-22 FEBRUARY, 2020	Dr. Rahul Dahatonde	Electrical
<b><u>1.3.2.4 (Activities for Faculty/Staff Development)</u></b>						
1	Laboratory Quality Management and Internal Audit as per IS/ISO/IEC 17025:2017	38369.00	21-05-2019	24-05-2019	Ms. Chetna Sharma	Mechanical
2	Organizing a Guest Lecture on Ocassion of Birth Anniversary of Dr. Ambedkar.	6050.00	22-04-2019	22-04-2019	Dr. Rahul Dahatonde	Electrical
3	Short Term Course on Machine Learning for Advanced Manufacturung Methods and Applications at IIT Guwahati	14377.00	24-06-2019	28-06-2019	Dr. Kiran Bhole	Mechanical
4	05 Days FDP on Introduction to Machine Leraning and Deep Learning Apllications to Engg. Systems at IIT Bombay	26550.00	13-05-2019	17-05-2019	Dr. Rajesh Buktar	Mechanical
5	05 Days FDP on Introduction to Machine Leraning and Deep Learning Apllications to Engg. Systems at IIT Bombay	26550.00	13-05-2019	17-05-2019	Dr. Nilesh Raykar	Mechanical
6	Faculty Development for Improved Competency	3181.00	16-05-2019	16-05-2019	Dr. Hansa Jeswani	Civil
7	Research Approches and Methods in Management and Socia Science At IIT Bombay	24720.00	03-06-2019	07-06-2019	Dr. Shyamlee Solanki	Civil

8	Teaching Pedagogies for Engineering Education at FCRIT Vashi	3000.00	24-06-2019	26-06-2019	Dr. Sangeeta Daingade	Electrical
9	Teaching Pedagogies for Engineering Education at FCRIT Vashi	3000.00	24-06-2019	28-06-2019	Ms. Prajakta Joshi	Electrical
10	05 Days Workshop on Electromagnetic Fields and Wave Theory and Application	56610.00	01-07-2019	05-07-2019	Dr. Anupa Sabnis	Electrical
11	Design and Construction of Sustainable Concrete Pavements at IIT, Madras.	40242.00	09-12-2019	13-12-2019	Dr A.N.Ghadge	Civil
12	Design and Construction of Sustainable Concrete Pavements at IIT, Madras.	18877.00	09-12-2019	13-12-2019	Dr.Prashant.P.Nagrале	Civil
13	International Conference on Rehabilitation & Retrofitting of Structures.	6000.00	24-06-2019	25-06-2019	Ms.Pradnya Sambary	Civil
14	STC on Nanotechnology Advances in Engineering Materials and Manufacturing	7080.00	08-07-2019	13-07-2019	Ms. Megha Janbandhu	Mechanical
15	International Conference on Electrical Insulating Materials & Syatems	19684.00	21-08-2019	22-08-2019	Dr. Kinhekar, Dr. Pimple, Dr. Bhitre	Electrical
16	Workshop on "Assessment, Testing and Rehabilitation of Bridges-Part 1	1652.00	03-08-2019	03-08-2019	Mr.Ankit Asher	Civil
17	Assessment, Testing and Rehabilitation of Bridges-Part 1 at Institute of Engineers, Belapur Local Centre, Navi Mumbai.	1652.00	03-08-2019	03-08-2019	Ms.Pradnya Sambary	Civil
18	Pre-Dispatch Inspection and Training about Operation of Universal Testing Machine at Biss Pvt. Ltd. Bangalore	9744.00	13-08-2019	13-08-2019	Dr. Nilesh Raykar	Mechanical
19	Health Care Lecture at SPCE.	2640.00	16-08-2019	16-08-2019	Dr. Anupa Sabnis	Electrical
20	International Conference on Advances in Mechanical Engg & Electrical Engg	11271.00	24-08-2019	25-08-2019	Dr.B.N.Bhasme	Mechanical

21	Workshop on Retrofitting of Steel Structures.	3383.00	27-09-2019	28-09-2019	Dr. A.A.Bage	Civil
22	Workshop on Retrofitting of Steel Structures.	33563.00	27-09-2019	28-09-2019	Dr. M.M.Murud	Civil
23	International Seminar on Performance Based Design of Buildings and Bridges for Enhanced Seismic Resilience.	25561.00	08-NOV, 2019	09-NOV, 2019	Mr. Ankit Asher	Civil
24	International Seminar on Performance Based Design of Buildings and Bridges for Enhanced Seismic Resilience.	29395.00	08-11-2019	09-11-2019	Prof. Akshata Despande	Civil
25	Training Program for Non-Teaching Staff on "Enhancement of Work Productivity".	245581.00	14TH NOV, 2019	16TH NOV, 2019	Dr. Rahul Dahatonde	Electrical
26	IEEE Conference Paper Presentation at International Conference on Power Systems (ICPS 2019).	5000.00	20-12-2019	22-12-2019	Dr.Swati Lavand	Electrical
27	Performance Based Design of Buildings and Bridges for Enhanced Seismic Resilience.	25561.00	08-11-2019	09-11-2019	Mr. Ankit Asher	Civil
28	Case Teaching and Case Writing.	9820.00	03-01-2020	07-01-2020	Dr. Shyamlee Solanki	Civil
29	International Seminar on Performance Based Design of Buildings and Bridges for Enhanced Seismic Resilience.	29395.00	08-11-2019	09-11-2019	Prof. Akshata Despande	Civil
30	Registration Fees of Spring-2020 Semester (Jan-June 2020) for Ongoing Ph.D Program.	8200.00	01-01-2020	01-06-2020	Prof. Parag Muley	Mechanical
31	One Week Workshop on Practical Optimization.	606330.00	06-01-2020	11-01-2020	Dr. Swati Lavand	Electrical

32	National Workshop on Structural Health Evaluation Vis-À-Vis Prescriptive "Mandatory Format of Structural Audit".	1500.00	18-01-2020	18-01-2020	Ms. Pradnya Sambary	Civil
33	Introduction to Linux Platform.	5380.00	21-01-2020	21-01-2020	Dr. Anupa Sabnis	Electrical
34	CEP on End to End Innovation at IIT Bombay.	25000.00	10-02-2020	14-02-2020	Divya T.A.	Civil
35	Workshop on Train the Trainers on Examination Reforms at KLE Technological University, Hubballi, Karnataka.	14354.00	17-02-2020	19-02-2020	Snehjit Kumbhar	Civil
36	International Conference on Bioengineering & Regenerative Medicine-2020 At IIT(Bhu), Varanasi.	8335.00	27-02-2020	29-02-2020	Mr. Mahesh Sonekar	Mechanical
37	IEEE Conference Paper Presentation at ICPS 2019 at Malaviya National Institute of Technology, Jaipur.	5000.00	20-12-2019	22-12-2019	Dr. Anupa Sabnis	Electrical
38	Industry Institute Interaction to Enhance Quality of Technical Education at Amravati.	8230.00	03-02-2020	07-02-2020	Mr. Rahul Chavan	Electrical
39	IIRS Academia Meet (IAM)2020 at IIRS Dehradun.	14996.00	03-03-2020	04-03-2020	Dr. Reshma Raskar Phule	Civil
40	Advanced Course on Limit State Design of Steel Structures as per Indian Code at CSIR, Chennai.	20397.00	12-02-2020	14-02-2020	Mr. Ankit Asher	Civil
41	International Conference on Bioengineering & Regenerative Medicine-2020 at IIT(Bhu), Varanasi.	8335.00	27-02-2020	29-02-2020	Mr. Mahesh Sonekar	Mechanical
42	CEO on End to End Innovation at IIT Bombay.	25000.00	14TH FEB 2020	14TH FEB 2020	Divya T.A.	Civil

43	Laboratory Quality Management and Internal Audit as per IS/ISO/IEC 17025:2017 At Noida.	40010.00	21-05-2019	24-05-2019	Dr. Kiran Bhole	Mechanical
<b><u>1.3.2.5 (Activities for Research &amp; Development)</u></b>						
1	Research Symposium "Recent Trends in Engineering & Industry 4.0"	15936.00	06th May, 2019	07th May, 2019	Dr. Kiran Bhole	Mechanical
2	CEP Course on Biology for Engineers	3178.00	03-06-2019	07-06-2019	Dr. Hansa Jeswani	Civil
3	International Conference on Production and Industrial Engineering	26626.00	08-06-2019	10-06-2019	Kiran Bhole	Mechanical
4	Two Days Workshop on Sustainable Energy & Transforming Engineering Education	31546.00	08-07-2019	09-07-2019	Dr.R.B.Buktar	Mechanical
5	National Workshop on Technology Outreach	12186.00	10-08-2019	12-08-2019	Dr. A.R. Kambekar	Civil
6	Meeting with Research Advisor of MED for Review of Seed Money	5000.00	30.08.2019	30.08.2019	Dr. Kiran Bhole	Mechanical
7	Conference ICISMAT 2019	7000.00	20-09-2019	21-09-2019	Dr. B.B. Pimple	Electrical
8	Session Organised by NPIU on "India in South Asian Regional Context: Key Issues and Trends in Higher Education and Research Collaboration"	9631.00	01-10-2019	01-10-2019	Prof. Kiran Bhole	Mechanical
9	2nd International Conference on Large Grid Integrated of India	9717.00	05-09-2019	06-09-2019	Ms. Sumbul Abidi	Electrical
10	Training cum Competition on Industrial Automation	40000.00	27-11-2019	28-11-2019	Dr. Kiran Bhole & Dr. Sangeeta Daingade	Mechanical

11	Review of Seed Money Research Proposals through Research Advisor of EED	5000.00	21.11.2019	21.11.2019	Dr. Kiran Bhole	Mechanical
12	International Conference at SVNIT, Surat, Gujrat	7823.00	11-12-2019	13-12-2019	Dr. Santosh Rane	Mechanical
13	ICPS-2019, at MNIT Jaipur	33125.00	20-12-2019	22-12-2019	Prof. Sambul Abidi	Electrical
14	Megha Nagrale for Workshop on Hands on Malti Modal Characterisation at IIT Bombay.	5450.00	16-12-2020	18-12-2020	Megha Nagrale	Mechanical
15	Business Meeting at World Trade Centre	2207.00	27-02-2020	27-02-2020	Dr. S.S.Umale	Mechanical
16	NPTEL Online Course from Jan-Dec, 2019 for Students.	50750.00	JAN-,2019	DEC, 2019	Dr. P.G. Gaikwad	Civil
<b><u>1.3.2.6 (Activities for MOOCs and Digital Learning)</u></b>						
1	NPTEL Online Certification Course (03) Dt. Aug 18-Sep 18 & Jan 19-Apr 19	3400.00	Jan-19	Apr-19	Mr. Snehjit Kumbhar	Civil
2	NPTEL Online Certification Course (03) Dt. Aug 18-Sep 18 & Jan 19-Apr 19	2300.00	Jan-19	Apr-19	Dr. P. G. Gaikwad	Civil
3	NPTEL Registration Fee Refund and Successful Completio	1556.00	01-02-2019	01-04-2019	Dr. Hansa Jeswani	Civil
4	NPTEL Online Course Fundamental of Manufacturing Process.	1100.00	01-07-2019	01-10-2019	Haseen Shaikh	Mechanical
5	NPTEL Online Course "Integrated Waste Management for Smart City".	1000.00	01-07-2019	01-11-2019	Prof. Snehjit Kumbhar	Civil
6	NPTEL Online Course on Sensors & Actuators.	1340.00	26-07-2019	16-11-2019	Mr. Rahul Chavan	Electrical
7	NPTEL Online Course for Students.	50750.00	01-01-2019	01-12-2019	Dr. P.G. Gaikwad	Civil
<b><u>1.3.2.7 (Activities for Mentoring and Twinning)</u></b>						
1	05 Days Workshop of REC Rewa	22307.00	16-09-2019	20-09-2019	Dr.A.R.Kambekar	Civil



2	Twinning Activity At Rewa.	17020.00	24-09-2019	25-09-2019	Prof. A.N.Ghadge	Civil
3	Twinning Activity At Rewa.	18375.00	24-09-2019	25-09-2019	Dr. Prashant Nagrale	Civil
4	Twinning Activity At Rewa.	18387.00	24-09-2019	25-09-2019	Prof. Balwant Bhasme	Mechanical
5	Twinning Activity At Rewa.	17331.00	24-09-2019	25-09-2019	Prof. Kiran Bhole	Mechanical
6	Industry Readiness Program For REC Rewa Students under Twinning.	4016.00	27-02-2020	29-02-2020	Dr. Rahul Dahatonde & Mr. Anil Patil	Electrical
7	Participation of Students from Mentee Institute REC Rewa in SPECTRA 2020.	5800.00	31ST JAN 2020	1ST FEB 2020	Dr. Rahul Dahatonde	Electrical
<b><u>1.3.2.8 (Activities for Reforms and Governance)</u></b>						
1	Subject Board Meeting for UG Program of MED on 24.04.19 at SPCE	22021.00	24.04.19	24.04.19	Dr. Nilesh Raylar	Mechanical
2	Subject Board Meeting on 27.04.19 at SPCE	33174.00	27.04.19	27.04.19	Dr. Anupa Sabnis	Electrical
3	Subject Board Meeting for PG Program of MED on 09.05.19 at SPCE.	22363.00	09.05.19	09.05.19	Dr. Kiran Bhole	Mechanical
4	Subject Board Meeting for UG on 11.05.2019	26865.00	11.05.2019	11.05.2019	Dr. M.M. Murudi	Civil
5	Subject Board Meeting for PG on 10.05.2019	23451.00	10.05.2019	10.05.2019	Dr. M.M. Murudi	Civil
6	Meeting With School Principals Regarding Ubuntu Course	490.00	09.05.2019	09.05.2019	Mrs. V.P. Joshi	Electrical
7	PG Subject Board Meeting held on 24.05.2019 at SPCE	11559.00	24.05.2019	24.05.2019	Ms. Remadevi C	Electrical
8	Academic Board Meeting held on 31.05.2019 at SPCE	43175.00	31.05.2019	31.05.2019	Dr. Santosh Rane	Mechanical
9	ICC Meeting for Manufacturing Domain Courses on 11.04.2019 at SPCE.	6523.00	11.04.2019	11.04.2019	Haseen Shaikh	Mechanical

10	Attending Review Meeting of SPIU Maharashtra State.	913.00	26TH NOV, 2019	26TH NOV, 2019	Dr. Rahul Dahatonde & Dr. P.G. Gaikwad	Electrical
11	"Importance and Effectiveness Implementation of Quality and Equity at TEQIP-III Institutes".	14990.00	25TH NOV, 2019	25TH NOV, 2019	Dr. Rahul Dahatonde	Electrical
12	Workshop on Peer Learning.	10712.00	28-11-2019	28-11-2019	Dr. Rahul Dahatonde	Electrical
13	Payments of Fees for NBA Accreditation of UG Programs for CED & MED	295000.00	2019	2020	Dr. Nilesh Raykar	Mechanical
14	NAAC Accreditation.	221262.00	2019	2020	Dr. Santosh Rane	Mechanical
15	Mandatory activity from SPIU & NPIU for Stock Verification.	5075.00	16TH MARCH,2020	16TH MARCH,2020	Dr. Jayram Gholave	Civil
<b><u>1.3.2.9 (Activities for Management Capacity Development)</u></b>						
1	Professional Development Training at IIM Indore	6053.00	27.05.2019	31.05.2019	Dr. A.R. Kambekar	Civil
2	Professional Development Training.	18845.00	19-06-2019	21-06-2019	Dr. Jayram Gholave	Civil
<b><u>1.3.2.11 (Activities for Industry Institute Interaction)</u></b>						
1	Industrial Visit at Tata Motors, Ahmedabad	42560.00	04-04-2019	05-04-2019	Dr. R. B. Buktar	Mechanical
2	Guest Lecture on Stakeholder Management and Cost Management	5000.00	03-04-2019	12-04-2019	Mr. Suvedh Jayawant	Electrical
3	Readymix Concrete: Recent Advancement	80.00	26-04-2019	26-04-2019	Dr. A.A. Bage	Civil
4	Technical Value Added Course in Coordination with Industry	118590.00	10-07-2019	14-07-2019	Mrs. V.P. Joshi	Electrical
5	Industry Institute Interaction Meet at Bhopal under Twinning Activity	163874.00	12.07.2019	12.07.2019	Dr. Rahul Dahatonde	Electrical

6	Hospitality Expenses during Campus Placement from July 2019 to July 2019	30233.00	Jul-19	Jul-19	Dr. Rahul Dahatonde	Electrical
7	Expert Lecture on Industrial Engineering and Management	3548.00	23-07-2019	23-07-2019	Dr.Santosh Rane	Mechanical
8	Expert Lecture on Skills Required in Corporate Life	3411.00	25-07-2019	25-07-2019	Dr. Santosh Rane	Mechanical
9	DD Robocon Paricipation Expenses at IIT Delhi.	194606.00	14-06-2019	16-06-2019	Mesa Spce	Mechanical
10	Expert Lecture on Financial Analysis - A Project Management Perspective	3350.00	01-08-2019	01-08-2019	Dr.S.B.Rane	Mechanical
11	Expert Lecture on Future Trends in Energy Industry and Offshore Construction.	212.00	29-08-2019	29-08-2019	Dr. A.R. Kambekar	Civil
12	Industry Safety Training at RCF	130000.00	21-SEPT,2019	23-SEPT,2019	Haseen Shaikh	Mechanical
13	Expert Lecture and Hands on Session on Non Destructive Testing.	11066.00	27-09-2019	27-09-2019	Dr. Santosh Rane	Mechanical
14	Training at IDEMI Mumbai on 04.10.2019	20945.00	04-10-2019	04-10-2019	Ms. Megha Nagrale	Mechanical
15	Expert Lectures for the Course of Design of Machines and Mechanical Systems.	7500.00	10-10-2019	10-10-2019	Dr. Nilesh Raykar	Mechanical
16	One Day Workshop on Advanced Structural Nonlinear Analysis.	8508.00	10-10-2019	10-10-2019	Dr. Santosh Rane	Mechanical
17	Industrial visit at Mahindra & Mahindra Ltd.	384.00	10-10-2019	10-10-2019	Dr. S.S. Umale	Mechanical
18	03 Day Leadership Workshop.	22429.00	08-11-2019	10-11-2019	Prof. Kunal Bhavsar	Mechanical
19	Establishment of Indian Institute of Industrial Engineering Student Chapter.	26793.00	13.01.2020	13.01.2020	Dr. Santosh Rane	Mechanical

20	One week short term Training Program on Advance Structural Nonlinear Analysis.	34488.00	16-12-2019	20-12-2019	Dr. Santosh Rane	Mechanical
21	Industrial Training FESTO Pvt Ltd.	25000.00	01-12-2019	31-12-2019	Dr. Kiran Bhole	Mechanical
22	Industry Safety Trining at RCF.	130000.00	21-09-2019	23-09-2019	Haseen Shaikh	Mechanical
23	Students for Industrial Visit to GIDC, Ahmedabad and Amul, Anand, Gujarat.	49280.00	13-02-2020	16-02-2020	Dr. Hansa Jeswani & Dr. Reshma Raskar	Civil
24	Guest Lecture on Project Management & Technology Implementation to Construction Industries.	2500.00	13TH MARCH,2020	13TH MARCH,2020	Ms. Priyanka Gaidhani	Civil
25	Alumni Meet 2020.	84070.00	07TH MARCH, 2020	07TH MARCH, 2020	Dr. Santosh Rane	Mechanical