

# Annual Report 2020-21



**Shram Sadhana Bambay Trust's**

**COLLEGE OF ENGINEERING & TECHNOLOGY**

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## **Preface:**

We are pleased to introduce the Annual Report of Shram Sadhana Bombay Trust's College of Engineering & Technology, Jalgaon for academic year 2020-21. This report summarizes the activities, achievements and accomplishments as a result of our sincere efforts taken for academic offerings and student services.

College acknowledges the necessity of excellence in value added education at par with global standard and committed to focus on development of students, faculty, infrastructure and other stake holders in the society by providing conducive environment.

The Annual Report portrays the wide spectrum of various academic and co-curricular activities at the college along with notable contributions made by the faculty members and some of the achievements of the students.

This Annual Report is also helpful to showcase our ongoing activities along with continual progress of Institution to our stakeholders.

We are heading towards achieving our Vision and Mission, hence this Annual Report is not merely a report for us but a mirror where we can count our Strength, Weaknesses and accordingly identify the opportunities for academic excellence.

## **About College:**

### **Shram Sadhana Bombay Trust:**

Shram Sadhana Bombay Trust (SSBT) is established in year 1978, under the guidance of our founder chairperson, Smt. Pratibha Devisingh Patil, the former President of India. The Trust has unique vision to impart education in sectors like Engineering, Technology and Management. Shram and Sadhana are omnipotent, and this is our embodiment in enrichment.

### **SSBT's College of Engineering & Technology at a Glance:**

College of Engineering and Technology was established in 1983 and governed by Shram Sadhana Bombay Trust (SSBT). It is a college with long tradition of imparting excellence in education.

- 1) It is included under section 2(f) and 12(B) of UGC act 1956.
- 2) QMS of College confirms to ISO 9001:2015.
- 3) NBA Accredited for 2005-08, 2008-13 & 2014-16 and NAAC Accredited with Grade B<sup>++</sup> (2.91) for 2015-2021.
- 4) It is also awarded as Best Engineering College of Maharashtra for the year 2008-09 by Engineering Education Foundation, Pune (M.S.).
- 5) Awarded "A" Grade by North Maharashtra University, Jalgaon for 2015-16 for Quality Engineering Education.
- 6) Awarded "Lokmat - Corporate Excellence Award" on 28<sup>th</sup> November, 2015, for Brand Excellence in Education.
- 7) Awarded "Engineering Education Excellence Award - 2015", by Indo Global Chamber of Commerce, Industries and Agriculture, Pune.
- 8) Awarded "Brand Excellence in Education Award 2017" by Dainik Bhaskar Corp Ltd.
- 9) Awarded "Engineering College of the Year for Academic Productivity in 2020" by The Academic Insights Bangalore.

### **Campus:**

25 acres of lush green campus of the college is located on the bank of meandering river Girna. The College is just about 7 km away from the Jalgaon junction railway station and central bus stand. Jalgaon is well connected by train with all major cities of the country and by bus with rest of the Maharashtra State. Ajanta and Ellora caves offer an excellent idea of the rich heritage of the place. They are near Jalgaon and can be visited in a day. The Campus is well developed with all basic infrastructural facilities & Amenities.

## **Vision**

Today we carry the flame of quality education, knowledge and progressive technology for global societal development; tomorrow the flame will glow even brighter.

## **Mission**

To provide conducive environment for preparing competent, value added and patriotic engineers of integrity of par excellence to meet global standards for societal development.

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## **Objectives**

- ❖ To impart innovative teaching and learning
- ❖ To provide quality education with futuristic trends in engineering and technology
- ❖ To develop the institute as a research center for academic excellence
- ❖ To ensure continual improvement in quality management system
- ❖ To inculcate social values, patriotism and professional ethics among the students

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1) **Academic Programs & Achievements:**

1.1) **Programs Offered & Intake Capacity:**

Sr. No.	UG Programs	Intake	Duration
1	B.E. Chemical Engineering	30	4 Years
2	B.E. Information Technology	60	4 Years
3	B. E. Computer Engineering	120	4 Years
4	B.E. Civil Engineering	60	4 Years
5	B.E. Electrical Engineering	60	4 Years
6	B.E. Biotechnology	30	4 Years
7	B. E. Mechanical Engineering	60	4 Years
8	B. E. E&TC Engineering	60	4 Years

Sr. No.	PG Programs	Intake	Duration
1	MBA	60	2 Years

Sr. No.	Certificate Course	Intake	Duration
1	Cosmetic Technology	30	01 Year
2	Cyber Security	30	01 Year
3	Construction Techniques and Practices	60	1.6 Year
4	Energy Conservation And Management	30	01 Year
5	Retail Management	30	01 Year
	Total		

1.2) **Admission Status:**

Sr. No.	UG Programs	Intake	Students Admitted	Percent (%)
1	B.E. Chemical Engineering	30	14	46.67
2	B.E. Information Technology	60	57	95.00
3	B. E. Computer Engineering	120	138	115.00
4	B.E Civil Engineering	60	31	51.67
5	B.E. Electrical Engineering	60	15	25.00
6	B.E. Biotechnology	30	08	26.67
7	B. E. Mechanical Engineering	60	14	23.33
8	B. E. E&TC Engineering	60	14	23.33

Sr. No.	PG Programs	Intake	Students Admitted	Percent (%)
1	MBA	60	57	95.00

Sr. No.	Ph. D Programs	Ongoing	Duration
1	Ph.D. Chemical Engineering	05	5 Years
2	Ph.D. Computer Engineering	08	5 Years
3	Ph.D. Civil Engineering	07	5 Years
4	Ph.D. Electrical Engineering	05	5 Years
5	Ph. D Management	01	5 Years

Sr. No.	Certificate Course	Intake	Students Admitted	Percent (%)
1	Cosmetic Technology	30	15	50.00
2	Cyber Security	30	05	16.66
3	Construction Techniques and Practices	60	03	05.00
4	Energy Conservation And Management	30	02	06.66
5	Retail Management	30	05	20.00

### 1.3] Students on Roll:\$:

Sr. No.	UG Programs	Students Admitted				Total
		F.E.	S.E.	T.E.	B.E.	
1	B.E. Chemical Engineering	14	33	37	35	119
2	B.E. Information Technology	57	84	69	60	270
3	B. E. Computer Engineering	138	152	150	152	592
4	B.E. Civil Engineering	31	154	163	126	474
5	B.E. Electrical Engineering	15	53	73	62	203
6	B.E. Biotechnology	8	13	29	22	72
7	B. E. Mechanical Engineering	14	109	150	148	421
8	B. E. E&TC Engineering	14	33	28	34	109

Sr. No.	Programs	Students Admitted		Total
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	
1	M.E. (Computer Science & Engineering)	NA	02	02
2	MBA	57	57	114

### 1.4) Academic Results: (Overall Passing %)

Degree Result	College	University
B. E. Chemical Engineering	100.00	100.00
B. E. IT Engineering	100.00	100.00
B. E. Computer Engineering	100.00	98.85
B. E. E&TC Engineering	100.00	94.54
B.E. Civil Engineering	100.00	96.90
B. E. Electrical Engineering	100.00	93.79
B. E. Biotechnology Engineering	100.00	100.00
MBA	91.23	93.13

### 1.5) Academic Achievements: (As per University Merit List)

Sr. No.	Department	Name of Students	Rank
1	Biotechnology Engineering	Agrawal Shital Shrikisan (8.77)	First
2	Biotechnology Engineering	Ramteke Manvi Ajay (8.70)	Second
3	Biotechnology Engineering	Jain Chetan Miyachand (8.46)	Third



**2) Students Activities & Achievements:**

**2.1) Curricular and Co-curricular Activities:**

**2.1.1) Induction Programs for First Year Students:**

Sr. No.	Title of Event	Special Invitee / Speaker / Trainers	Date	No. of Participants
1	Yoga / Meditation	Mr. Jitendra Jadhav	10.02.2021	288
2	Expert Lecture Of Eminent Personalities	Mr. Sandeep Mahajan	10.02.2021	288
3	Singing/Dance/ Acting	Mr. Chandrakant Ingale, Mr. K. N. Patol Mr. Vishal Patil	10.02.2021	288
4	Universal Human Value Session	Aicte ( Youtube)	10.02.2021	288
5	Yoga / Meditation	Mr. Jitendra Jadhav	11.02.2021	288
6	Ye Jindagi Na Milegi Dobara (Life Session)	Mr. Jaydeep Patil, Director, Nobel Foundation	11.02.2021	288
7	Universal Human Value Session	AICTE ( Youtube)	11.02.2021	288
8	Video/Short Film Making With Social Message	Mr. Vishal Rawlani	11.02.2021	288
9	Yoga / Meditation	Mr. Jitendra Jadhav	12.02.2021	288
10	Universal Human Value Session	AICTE ( Youtube)	12.02.2021	288
11	Maths Fun (Golden Ratio)	Dr. Chetansingh Rajput (Sales Tax Commissioner, Maharashtra)	12.02.2021	288
12	Aspirations & Concerns At Individual Level	Dr. K. J. Patil, (Ex. Senior Professor, KBC. NMU, Jalgaon)	12.02.2021	288
13	Yoga / Meditation	Mr. Jitendra Jadhav	13.02.2021	288
14	Expert Lecture Of Eminent Personalities	Mr. Sandeep Mahajan	13.02.2021	288
15	Essay Writing Skill	Prof. C. K. Mukherji Values Importance In Human Life	13.02.2021	288
16	Universal Human Value Session	AICTE ( Youtube)	13.02.2021	288
17	Yoga / Meditation	Mr. Jitendra Jadhav	15.02.2021	288
18	Expert Lecture Of Eminent Personalities	AICTE ( YOUTUBE)	15.02.2021	288
19	Theme Based Poster Making	Mr. Vikas Wagh	15.02.2021	288
20	Essay Writing Skill	Prof. C. K. Mukherji	15.02.2021	288
21	Yoga / Meditation	Mr. Jitendra Jadhav	16.02.2021	288
22	Drawing/Painting	Mrs. Archana Shelar	16.02.2021	288
23	Corporate Expectations from MBA Graduates	Mr. Yogesh Sonar, HR Manager, Chassis Brakes International, Jalgaon	06/03/2021	44

**2.1.2) Seminar / Webinar / Expert Lecture / Workshop / Training:**

Sr. No.	Title of Event	Special Invitee / Speaker / Trainers	Date	No. of Participants
1	Online Session "How to Write Problem Statement"	Mr. Sandip Shankarrao Patil	07/11/2020	192
2	Online Session "How to Write Project Report"	Mr. Ashish Tryambak Bhole	10/11/2020	201
3	Expert Lecture on "Recent trend in Mechanical Engineering "	Er Ashok Attawase, from COCA COLA.	05/12/2020	40
4	Expert Lecture on Introduction to Solar Photovoltaic's	Dr. P. V. Thakre	05/03/2021	22
5	One day International Seminar on "Energy Transition and Energy Technologies"	Ms. Atwongyeire Jane Rose, Geoscientist, Prince of Songkla University, Thailand	29/05/2021	250
6	Add-on course on R language	Mr. N. P. Jagtap	02/06/2021 to 04/06/2021	134
7	Know Your Journey as a Chemical/Process Engineer	Mr. K. R. Nikam (Director, Engimates Resources and Energy Pvt. Ltd. & Program Director at ViGyanTechnologies .	15/06/2021	61
8	Petroleum Refinery : Processing and Handling of Raw Material, Intermediate and Finished Products	Mr. Umesh Raut (Cheif Manager-Refinery Operation, BPCL, Mumbai) Mr. Suryakant Markal (Manager-Aromatics, BPCL, Mumbai.	16/06/2021	73
9	One Day Latex Workshop	Mr. Sandip Shankarrao Patil	18-06-2021 & 19-06-2021	188
10	Research & Statistics in Management	Dr. Pavitra D. Patil, Assosiate Professor, School Of Management Studies, Jalgaon	26/06/2021	45
11	Add-on course on Basic Python	Mr. S. H. Rajput	28/06/2021 to 29/06/2021	134
12	Add-on course on C#, .NET	Mr. R. B. Sangore	31/06/2021 to 01/07/2021	134
13	Expert Lecture A building: Green and Sustainable	Dr Jit Kumar Gupta Chairman, Indian Green Building Council, Chandigarh Chapter	02/10/2021	56
14	Expert Lecture A building: Green and Sustainable	Dr Jit Kumar Gupta Chairman, Indian Green Building Council, Chandigarh Chapter	02/10/2021	56
15	Expert Lecture Energy efficiency in buildings	Er Money Khanna Secretary, ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers), Chandigarh Chapter	04/10/2021	91
16	Expert Lecture watershed management	Dr Rajendra Singh Waterman of India	27/10/2021	84
17	Expert Lecture Harmony: Inside and Outside	Ms Shilpa Brahmakumari Brahmakumar	28/10/2021	96

**2.1.3) Competitions / Events Organized by Department:**

Sr. No.	Title of Event	Date	No. of Participants
1	Online Workshop on Minor Project Report Writing	24/11/2020	17
2	Online Workshop on Minor Project Report Writing	24/11/2020	14
3	Celebration of World Telecommunication Day 2021	17/05/2021	30
4	Poster Presentation, Milestone 2K21	25/06/2021	15
5	National level Online Quiz competition on Electromagnetic Field	19/7/2020	78

**2.1.4) Participation of Students in Curricular & Co-Curricular Events:**

Sr. No.	Title of Event	Level of Event	No. of Participants
1	Healthcare Hackathon 2020-21	State Level	01
2	Excel crash course (Online)	State	02
3	Pantech solution's : MATLAB MASTER CLASS SERIES (Online)	National	03
4	Understanding Market Risk in Financial Sector	--	02
5	Professional Skills: Solving Problems with Critical and Creative Thinking	--	02
6	Professional Skills: Delivering Quality Work with Agility	--	02

**2.1.5) Students Achievements:**

Sr. No.	Name of Students	Title of Event	Level of Event	Rank / Achievement
1	Aswini More	Healthcare Hackathon 2020-21	State	I
2	Huzaifa Shakil Khan	MILESTONE 2K21, Sensors in Agriculture-Online	National	I
3	Pushpak S. Lule	MILESTONE 2K21, Sensors in Agriculture	National	II
4	Bhosale ketki vijay	MILESTONE 2K21, Sensors in Agriculture	National	III
5	Nayeem Tadv	GATE	National	23.81
6	Manish Jangid	GATE	National	50.39
7	Tejas Samdani	GATE	National	29.86
8	Hema Nathani	Milestone 2K21, Poster Presentation	National	I
9	Aarti Rathod	Milestone 2K21, Poster Presentation	National	I
10	Shweta Patil	Milestone 2K21, Poster Presentation	National	II
11	Rahul Anant Ambikar	Milestone 2K21, Poster Presentation	National	II
12	Jayesh Mahesh patil	Milestone 2K21, Poster Presentation	National	II
13	Rashmi Rohada	Milestone 2K21, Poster Presentation	National	III

**2.1.6) Students Chapters / Clubs & Activities:**

Sr. No.	Name of Department	Title of Chapter / Club	Title of Activity Conducted	No. of Participants
1	Department of Mechanical Engineering	ISHRAE	Virtual factory visit at Blowtech Air Devices P Ltd, Pune on 17th Oct 2021	26
2	Department of Mechanical Engineering	ISHRAE	Virtual factory visit at “Cream N Joy” Ice cream Plant, Aurangabad” on 25th may 2021	22
3	Department of Mechanical Engineering	ISHRAE	Refrigeration Talk on “Role of Cold Chain in Food Industry of Modern India” on 18th Oct. 2020	19
4	Department of Mechanical Engineering	ISHRAE	1 Webinar on "An Application of Refrigeration in Ice Cream" by Mr. DilipSarda on 5th Nov. 2020	20
5	Department of Mechanical Engineering	ISHRAE	Virtual Industrial Visit at “M/s. Synergy Agrotech Pvt Ltd. Pune” on 5th Nov. 2020	20
6	Department of Mechanical Engineering	ISHRAE	Technical Talk on "Psychrometry" by Mr. Sunil Bhatia on 11th Dec 2020	23
7	Department of Mechanical Engineering	ISHRAE	Webinar on "TECHNO FEAST 4.0 - ECS and TVS for Underground Metros " on 12th Dec, 2020	16
8	Department of Mechanical Engineering	ISHRAE	Technical Talk on “Absorption Refrigeration Systems” by Dr. D. B. Uphade on 1st Jun. 2021.	21
9	Department of Mechanical Engineering	ISHRAE	ISHRAE Job Junction (IJJ) (Placement activity) for final year student members in the month of Dec. 2020. (1 <sup>st</sup> round)	14
10	Department of Mechanical Engineering	ISHRAE	Mega refrigeration series on Topic “Evolution of Refrigeration industry and Humor in Refrigeration and Safety precautions while designing operating and maintaining the plants” on 26th June 2021	18
11	Department of Mechanical Engineering	SESI	Technical Talk on “Solar Pond Technology: Future Energy options” by Mr. D. B. Sadaphale on 10th Aug. 2021	26

**2.2) Research, Innovation & Entrepreneurship Development Activities:**

**2.2.1) Seminar / Workshop Organized by IEDC:**

Sr. No.	Title of Event	Special Invitee / Speaker / Trainers with Designation & Affiliation	Date	No. of Participants
1	Celebrated 89 <sup>th</sup> Birth Anniversary Bharat Ratna Dr. Abdul Kalam as of Innovation Day Under SSIEDC Cell	1. Mr. Nilesh S.Wankhede, Principal, RTT Centre, BSNL, Pune 2. Mr. Chhabiraj Rane, Chhabi Electricals MIDC, Jalgaon	15-10-2020	38

**2.2.2) Events / Competitions organized by IEDC:**

Sr. No.	Title of Event	Level of Event	Date	No. of Participants
1	Milestone 2K21	State	25/06/2021	300+

**2.2.3) Seminar / Webinar / Expert Lecture / Workshop / Training Organized by Department:**

Sr. No.	Title of Event	Special Invitee / Speaker / Trainers	Date	No. of Participants
1	Online Session “How to Write Problem Statement”	Mr. Sandip Shankarrao Patil	07/11/2020	192
2	Online Session “How to Write Project Report”	Mr. Ashish Tryambak Bhole	10/11/2020	201
3	Add-on course on R language	Mr. N. P. Jagtap	02/06/2021 to 04/06/2021	134
4	One Day Latex Workshop	Mr. Sandip Shankarrao Patil Miss. Mayuri Kailas Lohar	18-06-2021 & 19-06-2021	188
5	Simple Interventions for Providing Safe Drinking Water to Indian Households	Dr. Shankar Kausley, Senior Scientist, TCS Research, TCS, Pune	19/06/2021	66
6	Research & Statistics in Management	Dr. Pavitra D. Patil, Associate Professor, School Of Management Studies, Jalgaon	26/06/2021	45
7	Education and Scholar Opportunities in Abroad for Biotechnology	Dr. Deepak Patil, Director, Langue Tech Education Abroad Academy, Shahu Nagar, Jalgaon	16/06/2021	42

**2.2.4) Competitions / Events Organized by Department:**

Sr. No.	Title of Event	Date	No. of Participants
1	“Innovation Day 2020” Celebration (Online)	15/10/2020	36

**2.2.5) Participation of Students in Competition / Events:**

Sr. No.	Title of Event	Level of Event	No. of Participants
1	Healthcare Hackathon 2020-21	State Level	1
2	Online Workshop: R Programming	National	4

**2.2.6) Students Participation in Conference:**

Sr. No.	Department	Total No. of Participants in National Conference	Total No. of Participants in International Conference
1	Computer Engineering	22	00
2	Mechanical Engineering	01	03

**2.2.7) Students Publication in Journals**

Sr. No.	Department	Total No. of Students published paper in National Journals	Total No. of Students published paper in International Journals
1	Computer Engineering	00	60
2	Civil Engineering	--	05
3	Mechanical Engineering	01	02

**2.2.8) Students Achievements:**

Sr. No.	Name of Students	Title of Event	Level of Event	Rank / Achievement
1	Aswini More	Healthcare Hackathon 2020-21	State	I
2	Meghana Gajanan Supe Shveta Sandip Garud Ritesh Sanjay Shukla	Milestone 2K2, Paper Presentation	National	I
3	Ankita Nitinsingh pardeshi	Milestone 2K2, Paper Presentation	National	II
4	Pratiksha Vijay Kasar Khan Huzaifa Shakil	Milestone 2K2, Paper Presentation	National	III
5	Falguni Prakash Shukla	Milestone 2K2, Paper Presentation	National	I
6	Atharv Pradip Joshi	Milestone 2K2, Paper Presentation)	National	II
7	Ankita Nitinsingh pardeshi	Milestone 2K2, Paper Presentation	National	III
8	Hemangi Yogendra Barhate	Milestone 2K2, 1Paper Presentation	National	I
9	Manisha Patil	Milestone 2K2, 1Paper Presentation	National	I
10	Vasihali Patil	Milestone 2K2, 1Paper Presentation	National	I
11	Bhoi Nilesh Uglal	Milestone 2K2, 1Paper Presentation	National	II
12	Harshada Patil	Milestone 2K2, 1Paper Presentation	National	II
13	Sairaj Govinda Thakare	Milestone 2K2, 1Paper Presentation	National	III
14	Vaibhav Shinde	Milestone 2K2, 1Paper Presentation	National	III
15	Anushka Hemant Dusane	Milestone 2K2, 1Paper Presentation	National	I
16	Shweta Pramod Jangale	Milestone 2K21, Agriculture based Start-Up	National	II
17	Rashmi Pradeepkumar Rohada	Milestone 2K21, Agriculture based Start-Up	National	III

### 2.3) Industry-Institute Interactions:

#### 2.3.1) Industrial / Expert Lectures:

Sr. No.	Title of Session	Special Invitee / Speaker / Trainers with Designation & Affiliation	Date	No. of Participants
1	Expert Lecture on "Career Opportunities Available after B Tech Through Gate "	Mr. Preyansh Vardhan Jain	29/08/2020	60
2	Mind Management	Mr. Bhushan Patil, Life Coach Art of Living, Mumbai.	07/11/2020	28
3	Expert Lecture on "Recent trend in Mechanical Engineering"	Er Ashok Attawase, from COCA COLA.	05/12/2020	40
4	Online Workshop on "Resume Writing"	Mr. Devdatta Gokhale, GATI Jalgaon.	11/12/2020	42
5	Expert Lecture on "Goals & Objective Of Human Life "	Mr Saurabh Kasar, Engineer, ISKON.	01/03/2021	47
6	Corporate Expectations from MBA Graduates	Mr. Yogesh Sonar, HR Manager, Chassis Brakes International, Jalgaon	06/03/2021	44
7	One day online webinar on Career Opportunities in Industrial Automation	Mr. Vivek Sardal, Vice President, Prolific Systems, Pune	09/04/2021	60
8	Expert Lecture on "Study+Work+Settle Abroad "	Chhaya Sachin Kadam	20/04/2021	97
9	Expert Lecture Competitive examination	Moreshwar and Mohan Patil Alumni, PG Students, VNIT Nagpur	02/05/2021	172
10	One Day International Seminar on "Energy Transition and Energy Technologies"	Ms. Atwongyeire Jane Rose, Geoscientist, Prince of Songkla University, Thailand	29/05/2021	250
11	Expert Lecture on "Future Opportunities as a Design Engineer"	Rajendra Kabra , Engineer., MSEB	05/06/2021	51
12	Know Your Journey as a Chemical/Process Engineer	Mr. K. R. Nikam (Director, Engimates Resources and Energy Pvt. Ltd. & Program Director at ViGyanTechnologies .	15/06/2021	61
13	Petroleum Refinery : Processing and Handling of Raw Material, Intermediate and Finished Products	Mr. Umesh Raut (Cheif Manager- Refinery Operation, BPCL, Mumbai) Mr. Suryakant Markal, (Manager- Aromatics, BPCL, Mumbai.	16/06/2021	73
14	Simple Interventions for Providing Safe Drinking Water to Indian Households	Dr. Shankar Kausley, Senior Scientist, TCS Research, TCS, Pune	19/06/2021	66
15	CV:The first impression an employer will have of you	Mr. Nishant Vyas, Research Associate, Lupin Research Plant, Nande,Pune	26/06/2021	104
16	Expert Lecture on Opportunities in Government Sector	Mr. Nitin Ingale	26/06/2021	142
17	Cyber Security	Mr. Anand Anwekar Information, Cyber Security and Data Privacy Expert	07/07/2021	175
18	Expert Lecture Career opportunities in Engineering	ER Himanshu Shekhar Scientist G, Director, Office of Director General, Armament and Combat Engineering	02/10/2021	93
19	Expert Lecture A building: Green and Sustainable	Dr Jit Kumar Gupta Chairman, Indian Green Building Council, Chandigarh Chapter	02/10/2021	56
20	Expert Lecture Energy efficiency in buildings	Er Money Khanna Secretary, ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers), Chandigarh Chapter	04/10/2021	91
21	Expert Lecture watershed management	Dr Rajendra Singh Waterman of India	27/10/2021	84
22	Expert Lecture Harmony: Inside and Outside	Ms Shilpa Brahmakumari Brahmakumar	28/10/2021	96

**2.3.2) Industrial Visits Organized**

Sr. No.	Department	Name of Industry	Date	No. of Participants
1	Mechanical Engineering	Epioc Mining India Pvt Ltd	04/10/2020	All BE Students
2	MBA	Jain Farm Fresh Foods Ltd, Jalgaon	07/07/2021	50

**2.3.3) MOU Signed by College:**

Sr. No.	Name of Department	Name Of Industry / Agency	Duration of MOU	No. of Activities Organized
1	Civil Engineering	PWD Murtizapur	Since 2016	1
2	E&TC Engineering	Yippee Technology Pvt. Ltd., Jalgaon	Permanent	-
3	E&TC Engineering	Mass-Tech Controls Pvt. Ltd Jalgaon and Mumbai	5 Years	-
4	E&TC Engineering	Electrosoft System Jalgaon & Pune	3 Years	-
5	E&TC Engineering	Regional Telecom Training Centre, BSNL, Pune	3 Years	-
6	Computer Engineering	Sitesoch LLP, Mumbai	15-04-2021	-
7	MBA	Gokhale's Advanced Training Institute, Jalgaon	05 Years	-



#### 2.4) Training & Placement Activities:

##### 2.4.1) Seminar / Workshop / Training Organized by Department:

Sr. No.	Title of Session	Special Invitee / Speaker / Trainers with Designation & Affiliation	Date	No. of Participants
1	Expert Lecture on "Career Opportunities Available after B Tech Through Gate "	Mr. Preyansh Vardhan Jain	29/08/2020	60
2	Online workshop on "Resume Writing"	Mr. Devdatta Gokhale, GATI Jalgaon.	11/12/2020	42
3	Expert Lecture on "Goals & Objective Of Human Life "	Mr Saurabh Kasar, Engineer, ISKON.	01/03/2021	47
4	Corporate Expectations from MBA Graduates	Mr. Yogesh Sonar, HR Manager, Chassis Brakes International, Jalgaon.	06/03/2021	44
5	One day online webinar on Career Opportunities in Industrial Automation	Mr. Vivek Sardal	09/04/2021	60
6	Expert Lecture on "Study+Work+Settle Abroad "	Chhaya Sachin Kadam	20/04/2021	97
7	Add on Course " Aptitude Test Preparation"	Mr. M V Rawlani	26/04/2021	60
8	Expert Lecture Competitive examination	Moreshwar and Mohan Patil Alumni, PG Students, VNIT Nagpur	02/05/2021	172
9	One day International Seminar on "Energy Transition and Energy Technologies"	Ms. Atwongyeire Jane Rose, Geoscientist, Prince of Songkla University, Thailand	29/05/2021	250
10	Expert Lecture on "Future Opportunities as a Design Engineer"	Rajendra Kabra , Engineer, MSEB	05/06/2021	51
11	CV: The first impression an employer will have of you	Mr. Nishant Vyas, Research Associate, Lupin Research Plant, Nande, Pune	26/06/2021	104
12	Expert Lecture on Opportunities in Government Sector	Mr. Nitin Ingale	26/06/2021	142
13	Expert Lecture Career opportunities in Engineering	ER Himanshu Shekhar Scientist G, Director (Project Monitoring), Office of Director General, Armament and Combat Engineering	02/10/2021	93

##### 2.4.2) Event / Competition organized by Department:

Sr. No.	Title of Session	Date	No. of Participants
1	Alumni Interaction	18/11/2020	14
2	Online Workshop on Minor Project Report Writing	24/11/2020	31
3	Design Resume Competition	27/02/2021	35
4	Alumni Interaction	18/05/2021	40

**2.4.3) Placement Outcomes:**

Sr. No.	Campus	No. of Students Selected	Package Offered
1	TCS, Mumbai	2	3.36 LPA
2	Tudip Technology Pvt Ltd, Pune	2	3.60 LPA
3	Dhoot Transmission Pvt. Ltd, Aurangabad	7	1.29 LPA
4	Techspawn Solution Pvt. Ltd, Pune	1	3.40 LPA
5	Capgemini	1	3.00 LPA
6	Accenture	1	4.50 LPA
7	TCS	3	3.36 LPA
8	WIPRO	2	3.50 LPA
9	Accenture	3	4.50 LPA
10	MindTree	1	3.50 LPA
11	Thinkitive Technologies	1	3.00 LPA
12	Capgemini	2	4.50 LPA
13	Bitwise	1	3.50 LPA
14	IBM	1	3.50 LPA
15	Dhoot Transmission, Aurangabad	15	1.40 LPA
16	Epitome Component Pvt. Ltd., Ahmednagar	1	1.20 LPA
17	Epitome Components Pvt. Ltd., Supa	19	1.38 LPA
18	Dhoot transmission Pvt. Ltd., Aurangabad	14	1.20 LPA
19	Mass Tech Controls Pvt. Ltd.	1	1.44 LPA
20	Battrixx	2	2.04 LPA
21	<b>Total</b>	<b>80</b>	<b>02.86 AVG</b>

**2.5) Cultural Activities:**

**2.5.1) Cultural Committee Activities:**

Sr. No	Event	Date	No. of Participants
1	Clean Campus Activity and celebration of birth anniversary of Mahatma Gandhi	02-10-2020	21
2	Guest lecture on occasion of Constitution Day	26-11-2020	40
3	Celebration of National Youth Day Through “Designing Virtual Posters depicting work of Swami Vivekanand”	12-01-2021	07
4	Celebration of 125 <sup>th</sup> Birth Anniversary of Netaji Subhas Chandra Bose, “Online Essay Writing Competition”	23-01-2021	03
5	Celebration of Marathi Bhasha Divas (Online Poem Writing Competition)	27-02-2021	09
6	Personality Contest	25-06-2021	First Year Students
7	Celebration of Shiv Jayanti and Essay Competition (Online)	19-02-2021	08
8	Mehandi Competition organized under "Vasant Utsav- 2021"	10-07-2021	13
9	Singing Competition organized under "Vasant Utsav- 2021"	10-07-2021	05
10	Hidden Talent Competition organized under "Vasant Utsav- 2021"	10-07-2021	10

**3) Students' Support & Welfare:**

**3.1) Shram Sadhana Scholarship Scheme:**

Total Number of Students benefited	Total Amount of Scholarship
09	Rs. 1,55,250.00

**3.2) Competitions / Any other Events Organized by Student Welfare Committee:**

Sr. No.	Title of Event	Date	No. of Participants
1	Celebrate birth anniversary of Mahatma Gandhi and Clean Campus Activity	02/10/2021	21
2	Guest lecture on occasion of Constitution Day by Advocate Suraj Chaudhari (Online)	26/11/2020	40
3	Celebration of National Youth Day by Virtual Posters presentation (Online)	12/01/2021	07
4	Celebration of 125 <sup>th</sup> Birth Anniversary of Netaji Subhas Chandra Bose by organizing "Online Essay Writing Competition" (Online)	23/01/2021	03
5	A brief report on Celebration of Shiv Jayanti and Essay Competition (Online)	19/02/2021	08
6	Celebration of India's 75 years of Independence- Azadi Ka Amrut Mahostav, online Essay Competition (Online)	12/03/2021	02

**3.3) Seminar / Workshop / Training Organized by Yuvati Sabha:**

Sr. No.	Title of Session	Special Invitee / Speaker / Trainers with Designation & Affiliation	Date	No. of Participants
1	Expert Lecture on Women Entrepreneurship, Opportunities and Challenges	Dr Richa Modiyani, Assistant Prof MBA Dept. SSBT COET Jalgaon	22/02/2021	35
2	Expert Lecture Gender Equality at workplace	Ms. Manasi Patil, Sale Tax Officer, Nasik	08/03/2021	60
3	Expert Lecture How to fight against Corona	Dr Pranita Shubhash Wadodkar, MD Aayurved, Jalgaon	08/03/2021	60

4) **Faculty Activities & Participation:**

4.1) **Faculty Profile:**

Sr. No.	Department	Professor	Associate Prof.	Asst. Prof.	Lecturer	Total
1	Chemical Engineering	1	1	4	-	6
2	IT Engineering	-	1	8	-	9
3	Computer Engineering	2	3	16	-	21
4	E&TC Engineering	4	-	7	-	11
5	Civil Engineering	3	1	14	-	18
6	Applied Science	-	-	13	-	13
7	Electrical Engineering	-	1	9	-	10
8	Mechanical Engineering	1	4	15	-	20
9	Biotechnology	-	-	7	-	7
10	MBA	-	1	5	-	6
	<b>Total</b>	<b>11</b>	<b>12</b>	<b>98</b>	<b>0</b>	<b>121</b>

Sr. No.	Department	Total No. of Ph. D Faculty
1	Chemical Engineering	4
2	IT Engineering	1
3	Computer Engineering	5
4	E&TC Engineering	5
5	Civil Engineering	4
6	Applied Science	1
7	Electrical Engineering	-
8	Mechanical Engineering	1
9	Biotechnology	-
10	MBA	3
	<b>Total</b>	<b>24</b>

4.2) **Seminars / Webinars / Workshops / Trainings / FDP organized by College / Departments.**

Sr. No.	Title of Session	Special Invitee / Speaker / Trainers with Designation & Affiliation	Date	No. of Participants
1	How to Write Problem Statement	Mr. Sandip Shankarrao Patil	07/11/2020	192
2	How to Write Project Report	Mr. Ashish Tryambak Bhole	10/11/2020	201
3	One Day Latex Workshop	Mr. Sandip Shankarrao Patil Miss. Mayuri Kailas Lohar	18-06-2021 & 19-06-2021	188
4	AICTE sponsored online STTP on "Digitally Controlled Power Converters for Industrial and Renewable Applications" under AQIS scheme (Phase I)	1. Dr. Shailendra Jain, Director, Sant Longowal Institute of Engineering & Technology, Longowal, Punjab 2. Mahmadasraf A. Mulla, Sardar Vallabhbhai National Institute of Technology, Surat 3. Dr. Shailendra Kumar Sharma, Shri G. S. Institute of Technology & Science, Indore. 4. Dr. Krishna Kumar Gupta, Thapar Institute of Engineering & Technology,	26 -31 Oct. 2020	56

		Patiala 5. Dr. K. B. Khanchandsani, Shri Sant Gajanan Maharaj College of Engineering, Shegaon. 6. Dr. Parseh J. Shah, SSBT's College of Engineering and Technology, Jalgaon 7. Dr. Prashant V. Thakre, SSBT's College of Engineering and Technology, Jalgaon		
5	AICTE sponsored online STTP on "Digitally Controlled Power Converters for Industrial and Renewable Applications" under AQIS scheme (Phase II)	1. Dr. Rakesh Kumar Saxena, Director, Shri G. S. Institute of Technology & Science, Indore. 2. Dr. Mahmad Asraf Mulla, Sardar Vallabhbhai National Institute of Technology, Surat 3. Dr. Nitin Gupta, MNIT, Jaipur 4. Dr. Mukesh Singh, Thapar Institute of Engineering & Technology, Patiala 5. Dr. Lalit Kumar, National Institute of Technology, Raipur, 6. Dr. Paresh J. Shah, SSBT's College of Engineering and Technology, Jalgaon	23-28 Nov 2020	53
6	AICTE sponsored online STTP on "Digitally Controlled Power Converters for Industrial and Renewable Applications" under AQIS scheme (Phase III)	1. Dr. Chetan Singh Solanki, IIT Bombay 2. Dr. Ragavan Kanagaraj, IIT Gandhinagar, 3. Dr. Mahmadasraf A. Mulla, Sardar Vallabhbhai National Institute of Technology, Surat 4. Dr. A. K. Panchal, Sardar Vallabhbhai National Institute of Technology, Surat 5. Dr. Paresh J. Shah, SSBT's College of Engineering and Technology, Jalgaon 6. Dr. Prashant V. Thakre, SSBT's College of Engineering and Technology, Jalgaon 7. Mr. M. M. Ansari, SSBT's College of Engineering and Technology, Jalgaon	14-19 Dec 2020	58
7	AICTE-ISTE Sponsored online Induction/Refresher Programme on Machine Learning and Pattern Recognition (Phase-I )	1. Dr. U. S. Bhadade Introduction to ML and PR 2. Dr. Ramesh Manza Modeling and Performance Evaluation Techniques using Python 3. Dr. R. J. Ramteke Pattern Recognition Approach to OCR 4. Dr. Pravin Yannawar Pattern Recognition in Image and Video Processing 5. Dr. G R Sinha Computer vision vs human vision 6. Dr. Shivanand Gornale Multimodal Biometric Data Analysis for Gender Classification – A Machine Learning Approach 7. Dr. Vijay B Semwal Generative and discriminative model for Documents classification using Naive Bayes and logistic regression 8. Er. E. V. Swaminathan Engineering	02-07 Nov 2020	92

		<p>Mind to Manage Challenges</p> <p>9. Under Art of Living FIT INDIA Movement</p> <p>10. Dr. Jitendra Tembhurne, RNN and LSTM</p> <p>11. Bipul Kumar Shahi Data Science Fundamentals</p> <p>12. Bipul Kumar Shahi Supervised Learning - Classification Regression</p> <p>13. Bipul Kumar Shahi Learning - Clustering Dimensionality Reduction</p> <p>14. Umang Kejerwal, Introduction to Web Scraping Amazon Website / Flipkart Website Product User Reviews</p> <p>15. Umang Kejerwal Natural Language Processing</p> <p>16. Umang Kejerwal Image Processing (Open CV) and Face Detection</p> <p>17. Umang Kejerwal Artificial Neural Networks (ANN) Artificial Intelligence</p> <p>18. Umang Kejerwal, Convolutional Neural Networks (CNN)</p>		
8	AICTE-ISTE Sponsored online Induction/Refresher Programme on Machine Learning and Pattern Recognition (Phase-II )	<p>1. Umang Kejerwal Director Apptronix Tech. Noida New Delhi</p> <p>2. Noida New Delhi</p> <p>3. Dr. M. P. Singh, National Institute of Technology Patna Patna, Bihar</p> <p>4. Bipul Kumar Shahi Senior AI and Blockchain Consultant, AICouncil</p> <p>5. Er. E. V. Swaminathan TALIPARAMBA , KANNUR , KERALA</p> <p>6. Rohan Patil Data Scientist GE Healthcare, JFWTC Bangalore</p>	07-12 Dec 2020	77
9	AICTE-ISTE Sponsored online Induction/Refresher Programme on Machine Learning and Pattern Recognition (Phase-III )	<p>1. Umang Kejerwal Director Apptronix Tech. Noida New Delhi</p> <p>2. Raghunathrao Deshmukh, Dr. BAM University Aurangabad</p> <p>3. Aurangabad</p> <p>4. Bipul Kumar Shahi Bipul Kumar Shahi</p> <p>5. Senior AI and Blockchain Consultant, AICouncil</p> <p>6. Prof MPS. Chawala SGSITS</p> <p>7. Indore Shri Govindram Seksaria Institute of Technology and Science</p> <p>8. Dr. Chandrajit Pal AI Research Engineer at Redpine Signals Inc,</p> <p>9. Dr Chirag N Modi Assistant Professor NIT Goa</p>	21-26 Dec. 2020	95
10	AICTE's sponsored 1 Week STTP on Digitaly controlled power	<p>Dr. Shailendra Jain,</p> <p>Dr. Shailendra Sharma,</p> <p>Dr. M. A. Mulla,</p>	26/10/2020-31/10/2020	72

	converters for industrial and renewable application (Phase-I)	Dr. Krushnakumar Gupta, Dr. K. V. Khanchandani, Dr. P. J. Shah, Dr. P.V. Thakre		
11	AICTE's sponsored 1 Week STTP on Digitally controlled power converters for industrial and renewable application (Phase-II)	Dr. Rakesh Saxena, Dr. Nitin Gupta Dr. Mukeshsingh Dr. M. A. Mulla Dr. Lalitkumar Sahu Dr. P. J. Shah	23/11/2020- 28/11/2020	78
12	AICTE's sponsored 1 Week STTP on Digitally controlled power converters for industrial and renewable application (Phase-III)	Dr. Chetansingh Solanki (IIT, Mumbai), Dr. Raghvan Kanagaraj (IIT, Gandhinagar), Dr. M. A. Mulla, Dr. A.K. Panchal, Dr. P.V. Thakre, Mr. M. M. Ansari.s	14/12/2020- 19/12/2020	50

#### 4.3) Faculty Invited as Resource Person:

Sr. No.	Name of Faculty	Topic	Invited by
1	Dr. GirishKumar Patnaik	Cisco Webex: A live Classroom Teaching Platform	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra
2	Dr. Girish Kumar Patnaik	English for Academic Research Writing	JSPM's Rajarshi Shahu College of Engineering, Pune, Maharashtra
3	Dr. Girish Kumar Patnaik	Moodle - Learning Management System	Sanjivani College of Engineering, Kopargaon Dist. Ahmadnagar, Maharashtra
4	Dr. Girish Kumar Patnaik	English for Academic Research Writing	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra
5	Mr. Sandip S. Patil	Workshop on LaTeX	SSBT's College of Engineering & Technology, Bambhori, Jalgaon, Maharashtra (Online)
6	Dr. P. J. Shah	AICTE sponsored online STTP on "Digitally Controlled Power Converters for Industrial and Renewable Applications" under AQIS scheme (Phase I)	SSBT's College of Engineering & Technology, Jalgaon, Maharashtra
7	Dr. P. J. Shah	AICTE sponsored online STTP on "Digitally Controlled Power Converters for Industrial and Renewable Applications" under AQIS scheme (Phase II)	SSBT's College of Engineering & Technology, Jalgaon, Maharashtra
8	Dr. P. J. Shah	AICTE sponsored online STTP on "Digitally Controlled Power Converters for Industrial and Renewable Applications" under AQIS scheme (Phase III)	SSBT's College of Engineering & Technology, Jalgaon, Maharashtra
9	Dr. P. J. Shah	Analysis of Power Semiconductor Devices and Power Electronics Converters for Industrial Applications in online STTP sponsored under TEQIP III world bank project of BBATU, Lonare	Godavari Foundation's Godavari College of Engineering, Jalgaon, Maharashtra



10	Dr. S P Shekhawat	The Joy of Research'	UGC-Human Resource Development Centre, Doctor HarisinghGour Vishwavidyalaya, Sagar (MP)
11	Dr. S P Shekhawat	"Types of Research, Methods of Data Collection and Good Research Practices"	KBC North Maharashtra University, Jalgaon
12	Dr. S P Shekhawat	"Best practices and Institutional Distinctiveness"	Gangamai College of Engineering , Nagaon

**4.4) Faculty Invited as Session Chair:**

Sr. No.	Name of Faculty	Title of Conference	Invited by
1	Dr. K. P. Adhiya	Global Trends in Engineering and Technology (ICGTET-2020-21)	SSBT's College of Engineering and Technology, Bambhori, Jalgaon, Maharashtra, India
2	Dr. M. E. Patil	Global Trends in Engineering and Technology (ICGTET-2020-21)	SSBT's College of Engineering and Technology, Bambhori, Jalgaon, Maharashtra, India
3	Dr. M. E. Patil	Recent Advances in Engineering, Science and Technology (ICRAEST-2021)	Godavari Foundation's Godavari College of Engineering, Jalgaon, Maharashtra

**4.5) Seminars / Webinars / Workshops / FDP / Trainings Attended by Staff:**

Sr. No.	Department	Total No. of Faculty who attended the program		
		01 Day	02 – 05 Days	More than 05 Days
1	Chemical Engineering	01	--	04
2	IT Engineering	--	03	01
3	Computer Engineering	01	03	19
4	E&TC Engineering	08	53	--
5	Civil Engineering	01	01	04
6	Applied Science	02	05	05
7	Electrical Engineering	01	06	02
8	Mechanical Engineering	02	27	18
9	MBA	05	05	04

**4.6) Faculty Development Programs Attended by Staff:**

Sr. No.	Department	Total No. of Faculty who attended the program		
		Professional Development Courses / Summer School / Winter School	Induction / Orientation Programs	Refresher Courses
1	IT Engineering	--	--	04
2	E&TC Engineering	11	--	--
3	Civil Engineering	--	--	06
4	Applied Science	--	07	--
5	Electrical Engineering	04	--	--
6	Mechanical Engineering	07	02	04
7	MBA	09	--	--

**4.7) Faculty Invited as Subject Expert / Ph. D Referee / Chairman by Universities:**

Sr. No.	Name of Faculty	Invited by
1	Dr. Girish Kumar Patnaik	Amravati University, Amravati, Maharashtra as Ph.D. Referee
2	Dr. Girish Kumar Patnaik	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India as Chairman
3	Dr. Girish Kumar Patnaik	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India as Chairman
4	Dr. Krishnakant P. Adhiya	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India as Subject Expert
5	Dr. Manoj E. Patil	Bharati Vidyapeeth Deemed University, Pune, Maharashtra as Ph.D. Referee
6	Dr. Manoj E. Patil	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India as Subject Expert
7	Dr. S. R. Suralkar	KBCNMU, Jalgaon for recognition of Renewal of Research lab at R.C.Patel Institute of Technology, Shirpur (Member)
8	Dr. P. J. Shah	KBCNMU, Jalgaon for recognition of Renewal of Research lab at Govt. COE, Jalgaon (Chairmen)
9	Dr. V. M. Deshmukh	KBCNMU, Jalgaon for recognition of Renewal of Research lab at Govt. COE, Jalgaon (Member)
10	Mujahid Husain	Sandip University, Nashik
11	Dr. S P Shekhawat	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, Maharashtra, India as Chairman

**4.8) Participation in Conference**

Sr. No.	Department	Total No. of Faculty	
		National Conference	International Conference
1	Computer Engineering	00	02
2	E&TC Engineering	00	02
3	Mechanical Engineering	--	03
4	MBA	--	01

5) Research & Publication

5.1) Publication in Journals:

Sr. No.	Department	Total No. of Faculty		
		National Journal	International Journal	Conference Proceedings
1	Chemical Engineering	--	02	--
2	Computer Engineering	--	02	02
3	E&TC Engineering	--	03	--
4	Civil Engineering	--	01	--
5	Applied Science	--	01	01
6	Mechanical Engineering	--	04	--
7	MBA	--	01	--

5.2) Ph. D Supervision:

Sr. No.	Department	Total No. of Ph.d Ongoing	Total No. of Ph.D Completed during the Year
1	Chemical Engineering	03	--
2	Computer Engineering	08	--
3	E&TC Engineering	17	03
4	Civil Engineering	08	01
5	Electrical Engineering	05	--
6	Mechanical Engineering	16	--
7	MBA	01	--

5.3) Consultancies Extended:

Sr. No.	Department	Description of Consultancies Extended during the year	Total Revenue Generated during the year
1	Civil Engineering	Material testing and third party verifications	Rs 3800000/-

5.4) Faculty Achievements: Ph.D & Awards

Sr. No.	Name of Faculty	Title of Event	Level of Event	Rank / Achievement
1	Mr M V Rawlani	Research Excellent Award	National	Certification

**6) Corporate Governance:**

**6.1) Corporate Social Responsibility Activities:**

Sr. No.	Title of Event	Date
01	Tree Plantation	02.10.2020

**6.2) Career Guidance Sessions:**

Sr. No.	Title of Event	Date	Total No. of Attendance
1	Management Education: A Door Step to Success	03/06/2021	80
2	Management Education: A Door Step to Success	05/06/2021	95

**6.3) Alumni Meet:**

Sr. No.	Title of Event	Date	Total No. of Attendance
1	Alumni Meet 2020-21	06/02/2021	220

**6.4) Parents Meet:**

Sr. No.	Title of Event	Date	Total No. of Attendance
01	Parents Meet	17/07/2021	182

**6.5] Environmental Consciousness and Sustainability/Alternate Energy initiatives:**

**6.5.1] Solar Power Generation:**

- Capital Investment : Rs. 40,00,000.00
- Installed Capacity of Solar Power Plant : 195 kWp (Old) + 100 kWp (New)=295 kWp
- Percentage of Power Requirement : 96.86 %

**6.5.2] Water Harvesting:**

College has created six bore well point during 2012 – 2017 at various locations in the campus for recharging underground water level. The total roof top catchment area of the campus buildings are about 10,250 Sqm. Considering the average rain fall of 700mm for this region (Source from Meteorology Department, Jalgaon), college harvest 7,15,000 liters of rain water each year.

**6.5) Corporate Achievements & Accolades:**

1. NBA Accredited since 2005.
2. ISO 9001:2015 Certified.
3. Included under section 2(f) and 12 (B) of UGC Act 20156.
4. “EEF Award for Excellence” (2008-09) from Engineering Education Foundation, Pune.
5. “A” Grade Engineering College by KBC North Maharashtra University, Jalgaon.
6. “Engineering Education Excellence Award-2015” from Indo Global Chamber of Commerce, Industries & Agriculture, Pune.
7. “Corporate Excellence Award for Brand Excellence in Education” by lokmat in 2015.

8. “Brand Excellence in Education Award 2017” by (94.3 MY FM) Dainik Bhaskar Corporation Ltd.
9. “Better India Education Award 2018” by Today Research & Rating, New Delhi.
10. “College of the Year 2021 for Academic Productivity Award” by Academic Insight Magazine, Bangalore.

### 7) Infrastructure Development:

#### 7.1) Campus Development:

- Renovation of seminar hall of MBA Department in 2020.
- Widening and Black Topping of Existing Roads in 2021.

#### 7.2) Central Library:

The college has well stacked and equipped library with 14000 Sq. ft. Area. It has approximately 61306 nos. of books costing more than Rs. 2 Crores including of extensive range of reference books, text books, magazine, news papers and educational CD's, National and International Journals, E-Library facility to access E-Journals. Automated Services, a computer aided referencing system is provided to locate the books easily. The college has institutional membership of IIT - Powai (Mumbai) to provide access of IIT Library to faculty, staff and students. Highlights of library resources and current years are provided below.

Sr. No.	Particulars of the Resources	Total Count purchased during the Year	Total Amount of Purchase during the Year.
1	Books	10	13532
2	Journals	-	-
3	Magazines	-	-
4	News Papers	02	2880.00
5	E-Resources.	9911	141182.00
6	Any other (DELNET)	-	13570.00
	Total	9913	157632.00

#### Salient Features:

- E-Library (20 Computers for Student & Staff)
- DELNET (Developing Library Network, New Delhi)
- Book Bank Facility (for SC/ST Students)
- Library Membership of IIT, Pawai
- Encyclopedia
- Books on Competitive Examination
- Internet Access with Wi-Fi connectivity
- Reprographic Facility
- Automated Service
- OPAC (Online Public Access Catalogue)
- CCTV Camera

#### 7.3) Hostel Infrastructure:

College has two in campus boy's hostels and one girl's hostels and a professor quarter for girls. The details of intake capacity and admitted students are provided below.

Name of Hostel	N. of Rooms	Intake Capacity	Admitted Students
Boys Hostel No.1	85	255	
Boys Hostel No.2	126	364	
Girls Hostel	97	286	
Professor Quarter	32	80	
<b>Total</b>	<b>340</b>	<b>985</b>	<b>748</b>

**The salient features of hostel infrastructure are summarized below.**

1. Separate Mess for each hostel & round the clock good canteen services with telephone facilities.
2. Separate Newspaper facilities for each hostel.
3. Availability of hot water through solar heater & geysers in the hostel.
4. Internet facility through OFC & Wi-Fi in each hostel.
5. The TV with cable facility is made available in each hostel.
6. Continuous power supply through 250 KVA generators.
7. Availability of two medical officers, including one lady medical officer along with special motor vehicle for emergency medical aid.
8. Nationalized Bank and ATM.
9. Well equipped rooms with furniture (Cot, Table, Chair, Tube Light, Fan with Regulator, Wall Hangers, Cupboards and Lockers etc.).
10. Continuous water supply with water coolers and RO System.
11. Round the clock security.
12. Environmental friendly, clean and hygienic campus with lawn, garden around hostel.
13. Indoor games (Carom, Chess, Table Tennis, Badminton, etc.).
14. Well equipped Hi-Tech Gym & Yoga center for boys and girls.
15. One computer & printer for boys' and girls' hostel is provided.
16. Fire Extinguishers are provided on each floors of hostel.

#### **7.4) Major Highlights of Annual Budgets and its utilization:**

Following table highlights the major heads of annual budget and amount allocated & spent on each head. Overall 106.29 % budgeted funds are utilized during this year.

Particulars	Budget Allocated in Rs.	Budget Expensed (Unaudited) in Rs.
Infrastructure (Non-Recurring)	12350000.00	6581393.00
Academic Maint. Exp.	9950000.00	3074477.00
Physical Maint. Exp.	15850000.00	14935684.00
Library Books (Non-Recurring)	350000.00	13532.00
Library Exp.	450000.00	202850.00
<b>Total</b>	<b>38950000.00</b>	<b>24807936.00</b>

#### **7.5) Major Equipments Purchased during the year:**

Department	Major Equipments Purchased during the year by department.	Amount
Civil Engineering	Permeability Test Apparatus	Rs 1,42,300/-
Electrical Engineering	Computers	Rs 2,10,000/-
MBA	Desktop Computers (i-5 , 10 <sup>th</sup> generation CPU, 16 GB DDR4 RAM, 2666 MHz , 21.5" LED Monitor with VGA HDMI port AOC, 500 GB WD (QTY=2)	Rs 99,000/-