Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
	CIVIL Engineering	
	Guest Lectures for Students	
1	a)Technical Expert lecture	Conducted 19
-	b)Personality Development	Conducted 2
	c)Carrier Guidance	Conducted 2
2	Entrepreneurship/ Start up Development Program	Conducted 2
3	Report/ Thesis Writing	Conducted 1
4	FDP	Conducted 1
5	STTP	Attended by the faculty 24
6	Quiz on Relevant Subject	Quizes are conducted by subject teachers twice during the semester.
7	Debate/Extempo considering Relevant Subject	Debate/Extempo is conducted by subject teachers twice during the semester.
		Weekly slots have been allotted and students are provided with computer lab
8	MOOC's for Students	access during the respective time slots. Students are encouraged to used and enroll
		for the courses.
		Weekly slots have been allotted and students are provided with computer lab
9	NPTEL Courses	access during the respective time slots. Students are encouraged to used and enroll
		for the courses.
10	Field Visit	15 Field visits are part of curriculum and students are regularly taken for the visits.
11	Advance Software Development Progrm	2 Workshop totaling one week have been conducted on STADD, ETABS, SAP & MSP
12	Organizing Tree Plantation Program	2
13	Poster Competition-Hobby Club	0
14	Social Awareness Program	5

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
15	Singing/Dance Competition-Hobby Club	0
16	Sports Day	1
17	NSS- Blood Donation, Eye/Organ Donation program	2
18	Jalyukta Shivar Abhiyan Program	1
	CSE	
19	Final Year Projects on Real Time Environment.	The purpose of final year projects based on Real Time Environment is to provide students an opportunity to apply the knowledge they have learnt, their intellectual abilities and practical skills to solving real, or close to real life engineering problems. These problems may take the form of an investigation or the development of engineering hardware, software or both.
		A practical Manual help student to gain an understanding of as much of the established body of scientific & technical knowledge as is appropriate to their needs. It is also beneficial to develop students' understanding of the methods by which this knowledge has been gained, and our grounds for confidence in it (knowledge about science).
20	Practical Manuals	It is practical laboratory manual which plays a great role in this aspect especially in technical teaching. On the other hand, scholars explained that individuals' brains will not retain 99% of the information they receive. This has raised a surprising question which was stated as "Consider the vast amount of information that bombards an individual in a single day", but the students retain only about 1% of all. From this, it is clear that practical and application ways of learning like that of laboratory methods which are available with manuals are the leading approach to enhance and meet leaning styles of students besides professional satisfaction. It also helps students

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
		1. It provides a student with the detailed list of practical's to be conducted for the session along with other details of the subjects.
		2. Allows students to have more practical approach in the laboratory rather than wasting their time in writing the manual.
		3. Students can prepare or can be ready with prerequisite as the details of the next scheduled practical are available in the lab manual.
		1. Able to keep the record of each and every student.
		2. Calculate their percent of attendance regularly and same we can convey to their
21	Central Attendance Monitoring System	guardians.
		3. Identify the students having low percent of attendance and we can ask them to
		attend lectures regularly and also pay more attention towards them.
		The online E-learning "Mitra-edu.tech" platform is based upon the Moodle
		environment. Moodle is an acronym for "Modular Object-Oriented Dynamic
		Learning Environment." It is an online educational platform that provides custom
		learning environments for students.
	Implementation of Online Learning Platform MOODLE	<i>The</i> platform provides by faculty to the students with the technology to provide online learning in personalized environments that foster interaction, inquiry and collaboration. Faculty creates and delivers online courses so that students can meet and exceed their learning goals. It also provides online Learning Management system so that students can extend learning, anytime, anywhere. It is a user-friendly eLearning platform so that all the students easy to learning and training.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
23	Short Term Training Program on "E-Yantra Robotics Development"	The E Yantra Robotics & Embedded System Lab an initiative of IIT Bombay was established in the Year 2016 with the above idea for facilitating the students and faculty to pursue their research in this inter disciplinary domain. The syllabus of lab was designed in such a manner that students should easily understand and practice it effectively. The basic idea is to aware and educate students about the robotics platform and how it can be used in combination with embedded C programming language in order to create an autonomous system for dealing and solving the complex real time human problems in an efficient and user friendly manner.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
24	Short Term Training Program on "Machine Learning with Python "	Artificial Intelligence is forcing function of Computer Science. Artificial Intelligence brings ease in lives of human being so it demands more and more from machine which will perform difficult task and brings atomization at many levels. The machine should come closer and closer to human beings in terms of its usage and its application. Artificial Intelligence is being implemented by applying the algorithms of machine learning. Machine learning techniques enable us to automatically extract features from data so as to solve predictive tasks, such as speech recognition, object recognition, machine translation, question-answering, anomaly detection, medical diagnosis and prognosis, automatic algorithm configuration, personalization, robot control, time series forecasting, and much more. Learning systems adapt so that they can solve new tasks, related to previously encountered tasks, more efficiently. Machine learning using python becomes easy as libraries for solving the machine learning tasks is available in python.
		 Attended faculties got a good understanding of the fundamental issues and challenges of machine learning: data, model selection, model complexity, etc. They also got to know an understanding of the strengths and weaknesses of many popular machine learning approaches. They appreciate the underlying mathematical relationships within and across Machine Learning algorithms and the paradigms of supervised and un-supervised learning. Now, they will be able to design and implement various machine learning algorithms in a range of real-world applications.
		1. The Spoken Tutorial Activity will benefit the students for the placements as well as competitive exam.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
25	Spoken Tutorial for Content beyond the Syllabus Learning	 We have arranged the revision classes before the exam is conducted. It is more beneficial for students, for preparation of the online exam. Because as per the result of last exam of final year, we seen that the ratio of appeared students and enroll students is going to decreases day by day. Also we constantly keep a record of each and every question solved by student; this information is used to make database more and more efficient and also beneficial for students.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
		1. Effective sharing of knowledge, practices and technologies in support of the
		implementation of the new tools available.
		2. Able to learn content beyond syllabus.
26	Technical Workshops	3. Understand new trends of technology and will be able to apply in their
		academics.
		4. Identify, analyze, and solve broadly-defined engineering technology problems.
		5. Analyze, design, and implement hardware and software computer systems.
		1. Students able to get Career options, opportunities and road map to be 'successful
		in this field'.
27	Guest Lectures on Recent Trends	2. Enriching students with the latest updates of the Industries and Technicalities.
		The Students are bestowed with knowledge about Industry needs, latest technical
		updates, Avenues for Higher studies etc
		The National Programme on Technology Enhanced Learning (NPTEL) was initiated
		by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur,
		Madras, Guwahati and Roorkee) along with the Indian Institute of Science,
		Bangalore in 2003. Five core disciplines were identified, namely, civil engineering,
		computer science and engineering, electrical engineering, electronics and
		communication engineering and mechanical engineering and 235 courses in
		web/video format were developed in this phase.
	NPTEL Activities	1. NPTEL enabled the student to directly engage and learn from the best faculty in
28		the country in that particular subject. This strengthens the fundamentals of the
		student in the course
		2. It gaves the students the opportunities to explore new areas of interest – which
		are not possible in regular college environment.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
		3. These courses also brought the self-learning initiative of the students – where
		their own motivation is what drives them to complete the course and not external
		compulsions. This fosters the habit of keeping oneself updated always by means of
		self-study.
		The certificates issued to them bear the stamp of CCE, IIT and hence were valuable
		additions when the student is applying for jobs.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
	GATE Coaching for the Students	1. Awareness of GATE.
		2. Knowledge of the impact of engineering technology solutions in a societal and
29		global context.
	GATE Columning for the Students	3. Understand the exam pattern, syllabus.
		4. Employment Opportunities Through GATE
		5. Selection in govt. & private sector Jobs through GATE, FEES & Stipend
		1. To act as a link between students, alumni, and the employment community.
		2. Keeping in view the industry requirements, the training curriculum is designed
		for preparing the students for entry-level Graduate Engineer Trainees. Like resume
30	DTPC Activities for Enhancement Placements.	writing, group discussion, email writing etc.
		3. Identifying the needs and expectations of the companies to assist them in
		recruiting most suitable candidates through various activates
		4. Organized pre-placement training/workshops/seminars for students.
		1. Utilize delegation and effective management skills.
		2. Prioritize responsibilities in relation to deadlines/time demands.
31	CSI Foundation Day	3. Develop comprehensive and successful programs and publications.
		4. Demonstrate level of responsibility and use it in a productive manner.
		5. A stage where students and staff work in unison for the college.
		6. Students get the importance of working as a team for a common cause.
		1. To provide a platform for students to showcase their creativity.
32	Wall Magazine	2. Encourage Students to present their thought process on given topic.
		3. Increase Competitive sprite in Students.
		1. Department of Computer Science & Engineering in collaboration with CSI
		PRMIT&R Student Branch, introduced "ART-CLUB" for exploring the hidden
		talents from the students other than the studies.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
		2. Students with interest in Sketches, Poems, Shayari, Quelling art, Card-making, Painting, Best from Waste, Photography or any other art with innovative ideas can come forward to decorate the Art-gallery.
33	Art Club	3. This activity helps student to learn communication and coordination between each other.
		4. With this event we gave our tribute to all the women in the world for their contribution in different fields in today's era and this helped student to give respect to women as we celebrated International women's day.
		5. It also helped student to understand the importance of all the inventors who made different inventions as we celebrated national inventor's day.
34	Entrepreneurship Development Activity	 To learn prospective entrepreneur on various aspect such as preparing project report, obtaining project approval, loan facilities from agencies. After interaction with entrepreneurs to create mentorship scheme for students
		entrepreneurs.
		1. Contribute to a productive/positive department environment.
		2. Demonstrate personal characteristics that positively affect the workplace and organization.
35	CSI Activities	3. a knowledge of the impact of engineering technology solutions in a societal and global context.
		4. Demonstrate an understanding of the balance between academics and outside commitments.
		5. To provide students with a platform where they could develop and brush their management and interpersonal skills.
		1. Exposure to better industrial and business practices in progressive economies.
		2. Helps in campus placement and their final year projects.
		3. Get to know business skills in a global context encouraging cultural interaction.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
		4. Develop an appreciation for travel and form a better world view.
		5. Understand campus and culture of different cities and many more.
		6. Students have understood the need to the society and the market, their view &
36	Industrial visit	importance towards developing the application needed for the society has drastically
		changed.
		7. Soft Skills and ethical behavior needed/expected in the company/IT world was
		well analyzed, understood and grasped.
		8. Ongoing development projects were discussed with the students and they were
		asked for Solution/views/thinking so that company can provide optimize solutions.
	EXTC	
	Organizing Various Internship programs.	• Third and Final year (40 Students) have taken the industry specific training on
		'Automotive Electronics' at campus in Dec. 2018 and five students underwent internship at KPIT Pune during Feb. 2019
		 Four week internship program was conducted at its campus by ISTC, Pune for 50
		students of Third Year in Oct. 2018
37		• M/S. Prolific Systems, Nagpur conducted workshop for 45 students in the area of 'Embedded Systems and Industrial Automation' at campus and 10 students completed 02 weeks internship program at M/S Prolific Systems, Nagpur in May 2019.
		• Thirty students from Second year have learned the basics of Solar Power systems in the workshop titled as "Solar Panel Manufacturing" at campus in Aug 2018 by M/S V. S. Informatics Pvt. Ltd., Nagpur and 48 students underwent the internship program at M/S V. S. Informatics Pvt. Ltd., Nagpur in Jan 2019.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
38	Organizing Industrial Tours for students	Third year students had visited Ahuja Radios, New Delhi, Hydro Power Plant, Manali, Arvind Fans, Amritsar and PushpGujral Science City, Jalandhar, during the industrial tour in Oct. 2018. Students got the experience of industrial environment and learned about the work culture and processes in industry. Total 55 students are benefited.
39	Organizing various design contests for students	Departmental Mini Project Competition were arranged on 16 th April 2019 for third year students so as to improve their design skill. Students of third year 110 students participated and gain the knowledge.
40	Organizing guest lectures by experts/eminent personalities for social and technical development of students	Various Guest lectures, seminars and workshops on existing and emerging technologies had been conducted by renowned faculties for betterment of students. The Other activities conducted by the department are as under. "Preparation of GRE, GMAT by Miss Gauri Kale & Mr. Ashvin Alshi in the month of Sept.2018.' "Carrier opportunity in industrial automation & embedded system by Mr. Pranav Mehai Asst. Manager (Training) M/S Prolific System Nagpur in Nov.2018. "Recent Development in Robotics & Automation" Mr. Priyam Sharma & Mr. Sham Mapari M/S FoxPro Robotics Pvt. Ltd. Pune in Jan 2019. "Journey to Self Development " by Mr. Srinivas Chamurthy , Jan 2019 "Importance of GATE, IES by Mr. Akash Joshi in March 2019
41	Organizing Campus Recruitment Training for third and final year students	Campus recruitment drive taken by KPIT- Pune 09 Nov.2018 and ISTC Pune on 04/01/2019 for Electronics& Telecommunication students. Number of students selected in various company are 120

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
42	Organizing various activities under student chapter i.e. ISF, IEI,etc	• Teacher's day celebration was arranged by Students of II nd & III rd year. Various program like Elocution competition, video presentation etc, were arranged to develop the overall personality of students. (150 Students were benefited)
		• Evoke -3.0 Departmental mini project competition were arranged on 16 th April 2019 so as to improve their technical skill.
		• Sportstech – Departmental sport event was arranged on Youth Day,
		12 th Jan 2019
		• Wall magazine-2019 was arranged on topic "Techno-Defense" for overall improvement of students.
43	Arranging Alumni- Student Interaction programs	Alumni meet organized at Pune in September 2018 for feedback and enhancement of the placement activity
	Initiatives to be taken for enhancement of student participation in technical events	• Organized the "Technical Quiz Competition" for enhancement of knowledge of students
44		Counseling under Teacher guardian scheme for continuous monitoring
		of students performance.
		Organized motivational speeches and talks by renowned orator
45	Improvements in Feedback methods	• Online Student's feedbacks through Institute ERP, recorded twice in a semester.
45		• To improve the feedback, Parents's feedback are taken at the time of parent meet.
46	Various Programs under MoUs with Industries/institution	KPIT Pune conducted program, 'Automotive Electronics' at campus in Dec. 2018
		• M/S V. S. Informatics Pvt. Ltd., Nagpur "Solar Panel Manufacturing" at campus in Aug 2018

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
	П	
	Final year projects are finalized in 6 th semester so that	This year IT department finalized project topics of BE final year students right in
47		their 6 th semester and students submitted synopsis and presented the idea about their
	project as well for placement preparation.	final year project title.
48	Faculty development programmes will be conducted under AICTE –ISTE and other standard societies	Department conducted Short term training program on "Research Methodology & Data Analysis" approved by AICTE-ISTE. Department also conducted two days Faculty Development Program under IETE on "Outcome Based Learning Teaching Process in NBA Evaluation". All faculty members participated in both the training workshop.
49	Collaboration with industries for internship, training and placement purpose will be more focused.	MOU with four industries was done for students, faculty training and internship 2018- 19. Number of students took advantage of this tie up and is doing internship.
50	Participation of students in cocurricular activities as well as extracurricular activities will be ensured through motivation and mentoring.	Department have arranged various technical workshops like hardware workshop, Video Gaming workshop, Android workshop etc. to develop technical skill of students. For overall development of students department also organized Ethical week and SparkIT events.
51		Department of IT with aid from our institute organized the Prestigious National level conference on the occasion of 61 st Annual IETE Convention in Sept 2018 in association with IETE New Delhi. Many faculty members presented papers in this conference. Faculty members presented and published their research work in various standard conferences and Journals.
52	Student's placement training and placement will be major area to work.	Apart from the efforts by T&P department, IT Department also conducted various trainings like Aptitude practice sessions, Resume Writing, Soft skill Training, Technical training, Mock Interviews, Research Paper / Report Writing etc to improve overall placement of Department and the outcome of this is good number placed in Industry.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
53	Workshops & trainings on Entrepreneurship	Entrepreneurship cell at college level conducted workshop to motivate students for
- 55	development will be conducted for students	entrepreneurship. Students from IT department participated in workshop.
	More estivities for social cause and awareness will be	Department conducted Ethical Week for students. As the part of this activity students visited old age home, spend time with them, understood there problems, and helped
54	taken.	them. Department also initiated Nature Club to plant more trees and to conserve
		nature and resources.
55		These classes were conducted by faculty members of MBA department in order to
	collaboration with MBA department	nurture students for professional spoken communication.
		: Faculty members conducted flipped classroom activity, conducted seminars on
		small syllabus topics; objective type tests at the end of units improve their
56	• • •	involvement and interest in classroom teaching. Faculty members motivate student to
	attendance.	take small project based on the experiments performed during various labs to
		understand relevance of the work performed in those respective laboratories.
	MECH	
57	 To get academic autonomy 	➤ Autonomy process is initiated. Special task committee is formed. Curriculum and
57		scheme is finalized.
	• To set up DFab Lab equipped with advance	➢ RP machine is procured.
58	technology facilities like RP, VMC, HMC, CMM	Specifications of other facilities are being finalized.
	etc., so as to enhance the research and consultancy	Research activities on RP are initiated.
59	· · ·	Improvement in campus placement number significantly
	activities so as to increase placement chances.	from 57 (in 2017-18) to 119 (in 2018-19)
		1. A Project called 'Dryomix' useful for civil construction and maintenance work is
		selected in top 24 all over India to present their startup idea in the competition held at
		AICTE Headquarters, New Delhi. The team got mentorship and investor's link in
		this competition held on 25 & 26 June 2018.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
		2. Dryomix Team also participated in the Tech Top 2018 competition held at International Research Center, Kalasalingam University, Tamil Nadu and got 3 rd
		prize worth Rs. 30,000/-
		3. A Startup called "Dung Collector" got funding of Rs. 75000/- from SGB
		Amravati University.
60	• To nurture start up ideas and encourage aspirants	4. A startup called "Curing System for Cement Road" got second prize in SGB
	for entrepreneurship.	Amravati University Startup Fest 2019.
		5. A startup called "Innovative Spray Pump" got second prize in SGB Amravati
		University Startup Fest 2019.
		6. Following student start ups are in incubation phase.
		Indoor Solar Cooking System
		Mini CNC Machine
		Plastic Four Link Frame For Curing Purpose
		Evaporative Air Cooler
		DRYOMIX- Dry Form of Concrete
		Dung Collector
	• To impart aptitude and personality development training to students.	> 118 students passed in the competitive examinations.
61		Improvement in campus placement significantly
		from 57 (in 2017-18) to 119 (in 2018-19)
	МВА	
62	Improvement in quality of MBA Admissions:	Overall quality of admissions has improved as there is considerable rise in cut-
		off marks for OPEN, OBC, SC category students. Moreover students from other
		than home universities opted for our MBA course.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
63	Improvement in Academic –Institute Interface:	Academic –Institute Interface is one of the key focus areas of the Department and subsequently Department has signed one MOU with Pinnaculum Infotech Pvt. Ltd. Amravati. Through this MOU students were given an opportunity to work on ongoing projects of the company and gained the knowledge about Digital Marketing, Product Promotion, and Product Presentation etc. In addition to this faculties also conducted workshops at Amravati MIDC Association, KVK Durgapur, and other academic institutes. Department also conducted "Investor Awareness Program" at Institute in collaboration with stock market investment training agency "Stock Made Easy".
64	Skill Development of the Students:	Faculties developed customized modules for overall skill development of the students. It include Interview skills, Group Discussion, Aptitude training, Communication skills etc. Separate slots were given in the timetable to effectively execute the modules. As a result in AY 2018-19; 5 students has been selected at Karvy Securities, Hyderabad with annual package of 7 LPA. Students also participated at various intercollegiate competitions like Business Plan Competition, Poster Making, Paper Presentation, Youth Festival etc.
	MCA	
65	Aptitude Training programme	20 Students have been Placed.
66	Soft skills Sessions	Helps the students to face the Interview.
67	Programming Basics Course using Flipped	Improve logical skill and help them to crack technical tests
	Classroom Methodology	Few students did their project using Arduino.
68	One week Workshop on Basics of Arduino Programming and Applications Designing	Home Automation Project won 5 th prize in Business Plan Competition organized by
69	IITB Spoken Workshop on Various Platforms	Introduction and familiarity with latest technologies that are not part of syllabus.

Sr. No	Plan of Action for 2018-19	Achievements/Outcomes
70	IITB Spoken Workshop and Test on Python	Introduction and familiarity with latest technologies that are not part of syllabus.
71	IITB Spoken Workshop and Test on Drupal	introduction and rammarity with fatest technologies that are not part of synabus.
72	Guest Lecture on "Digital Marketing"	Awareness of new job avenues in the IT Industry
73	Interaction with Miss Madhuri Phuse, Alumni	Learning through experiences and mistakes of seniors
74	Interaction with Mr. Adal Khan, Alumni	
75	Guest Lecture on "Cyber Security" & "Future trends in IT Industry"	Awareness of new job avenues in the IT Industry