



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		ATHARVA COLLEGE OF ENGINEERING
Name of the head of the Institution		S. P. KALLURKAR
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		022-40294949
Mobile no.		9970184557
Registered Email		ace@atharvaeducation.com
Alternate Email		acenaac2017@gmail.com
Address		SR NO.263 PLOT NO.8-12,CHARKOP NAKA, MALAD MARVE ROAD
City/Town		Malad west Mumbai
State/UT		Maharashtra
Pincode		400095

<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>
Location	<b>Urban</b>
Financial Status	<b>private</b>
Name of the IQAC co-ordinator/Director	<b>PRAGYA JAIN</b>
Phone no/Alternate Phone no.	<b>02240294949</b>
Mobile no.	<b>7666607071</b>
Registered Email	<b>ace@atharvaeducation.com</b>
Alternate Email	<b>acenaac2018@gmail.com</b>

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.atharvacoe.ac.in/iqac-committee/">http://www.atharvacoe.ac.in/iqac-committee/</a>
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.atharvacoe.ac.in/academic-calender/">http://www.atharvacoe.ac.in/academic-calender/</a>

<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
<b>1</b>	<b>B+</b>	<b>2.72</b>	<b>2018</b>	<b>03-Jul-2018</b>	<b>02-Jul-2023</b>

<b>6. Date of Establishment of IQAC</b>	<b>28-Jul-2015</b>
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<b>7. Internal Quality Assurance System</b>
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Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
<b>ISO Certification 9001:2015</b>	<b>16-Apr-2019 3</b>	<b>2000</b>

12.GGCS.IN.09122		
IEEE TECHITHON 2018	03-Oct-2018 24	500
ATHARVA HACKATHON	15-Mar-2019 48	40
ICIATE 2019	27-Mar-2019 24	500
STAFF TRAINING SESSIONS	18-Jan-2019 8	100
INNOVATION MELA	14-Mar-2019 8	300
STAFF DEVELOPMENT PROGRAM	17-Jan-2019 4	50
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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nileema Pathak	Minor Research Grant Project	university of Mumbai	2019 3	35000
Atharva College of Engineering	Incubation	MSME	2018 1	6500000
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

1. INNOVATION MELA 2018 2. STAFF TRAINING PROGRAM 3. ATHARVA HACKATHON 2018 4. INTERNATIONAL CONFERENCE 5. IEEE

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Pathway towards Excellence	Organized Innovation Mela , Five Teams Participated In Smart India Hachathon And Two Teams Won
Technical Events	IEEE TECHITHON 2018 ,Technical Project Exhibition, Robo wars, CODEX, Web designing were also conducted.
Entrenpenership	EWEEK
Enrichment in Research and Paper publications	260 PAPER PUBLISHED , 20 POSTERS PUBLISHED AND MINOR RESEARCH PROJECT BY PROF.NILEEMA PATHAK
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**14. Whether AQAR was placed before statutory body ?**

No

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

Yes

Date of Visit

02-Apr-2018

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2018

Date of Submission

29-Dec-2018

**17. Does the Institution have Management Information System ?**

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

Management information system Information is one of the most important resource of the organization that have an impact on all the other resources. The growth of the educational institute depends on the proper utilization of recourses. Management information system is designed for administration and management of education organization. Information is available at finger tips to make fast decision and execution.

Every organization has plenty of data but they lack from relevant information required for making the decision. Information required for decision making should be easily available. Collection of data, its conversion to the information, proper storage of information, retrieval of information and effective utilization of information need Management Information System popularly known as MIS. Management Information System is a computer based system. It is a very strong tools available to hierarchy for planning, organizing, executing, monitoring, control and evaluation of their operations efficiently. MIS Facilitates effective communication. Atharva MIS enables the authorities to adopt multidisciplinary management approach considering all the aspects relating to operational, financial, materials, behavioral, organizational practices and policies and students related issues. All the different departments has separate software to prepare the database. Finance and Accounts department has tally software, Admission department has separate system to collect the data, library has Library MICM Net Solutions , exam section has Khushi Software , Administration has separate database. The work of integrating all the database from the different departments is in pipeline. Atharva Website and Atharva App provides all the basic information like the complete information of the institute, branches, intake, fees structure, admission process, vision and mission, messages of higher authorities, infrastructural details, accreditation and quality details, Academic Details, library, faculty details, feedback, scholarship, free ships details, research, paper publications, research facilities, projects, findings, placements, industry institute interactions, NSS, cultural, and sports details, different committees, alumni association details and all the day to day notices. The Organizational structure of Atharva college of Engineering divided in three layers of hierarchy: top management level (BOG), middle level (Principal, vice principal,) and lower level of hierarchy (HOD, faculty member and non

teaching staff) Each level takes decisions according to their roles. The lower level of hierarchy is involved in operational decisions, middle level hierarchy focuses on the tactical decisions and top level hierarchy concentrate on strategic decisions. Most of the routine activities are planned, executed and managed by lower level hierarchy, for example planning, scheduling and ensuring that all the plans are implemented as decided. Middle level hierarchy spend relatively less time on the routine planning activities and focus more on tactical decisions such as problem solving, gap analysis, performance appraisal and advertising. The role of top hierarchy is very different than the lower level and middle level hierarchy. They mostly concentrate on the strategic issues like to decide the policies to run the institute, to upgrade the infrastructure, budget, innovative concepts, to upgrade the intake, etc.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Being the affiliated institute, the institute implements the curriculum prescribed by University of Mumbai (MU). For effective implementation of the curriculum, the following process is developed and deployed. Plan for effective implementation of curriculum:

- Before commencement of every academic year, Principal, Vice Principals along with HOD's & Student Council of the institute prepares the academic calendar, in accordance with academic calendar of University of Mumbai (MU).
- The academic calendar is circulated to all departments.
- Every department in turn prepares its academic calendar which includes planning of industrial visits, workshops, seminars, guest lectures in addition to activities mentioned in institute academic calendar.
- Head of each department allocates the theory and laboratory courses to the teachers based on their expertise and choice.
- The department timetable coordinators prepare timetable for each class so that teaching scheme given by University of Mumbai (MU) is followed.
- The class timetables are displayed on common notice board, individual time table is provided to all faculty members and laboratory time tables are displayed in respective laboratories and the same is also made available on institute website.

Process of executing the plan:

- For proper implementation of curriculum, every subject teacher prepares a teaching plan before commencement of the semester.
- The teaching and laboratory plans are approved by Head of Department (HoD) before the start of semester and communicated to students by respective course teacher.
- Every subject teacher maintains a course file pertaining academic calendar, timetable, syllabus copy, lesson plan, subject notes, previous question papers and solutions, class test records, question bank along with prerequisites of the course and content

beyond the syllabus. • The course files are evaluated by Internal Quality Assurance Committee (IQAC) with help of concerned senior subject teacher and HOD. • IQAC monitors the academic activities on day-to-day basis to ensure the execution of timetable. It also monitors execution of academic calendar and teaching learning process after every 15 days and finds the gap, if any. The gaps are conveyed to HoD for necessary action. • For a group of around 20 students a teacher is allocated as Mentor. Mentor conducts a weekly meeting and does the counseling of poor performing students • The academic performance of students is continuously monitored by conducting unit tests, mock practical examinations during the semester. Remedial classes are conducted for the students having poor performance in these evaluations. • Employing learner centric techniques such as assignments, peer learning, group discussion, brain storming, use of NPTEL lectures, case studies, projects, quiz etc., in the delivery of the academic courses. • Library committee updates the requirement and procurement of books, journals, e-journals. Completely online system is implemented in library for transactions of the books. • Views of experts from industry, academia and alumni on curriculum are taken regularly. Feedback from industry and alumni is taken.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Composite Training Program On Industrial, Humanoid, Hospitality Service Robot Platform	NA	07/01/2019	40	Yes (Approach towards attraction of Industry Professionals other education Sectors are targeted for training on Robotics subject to feasibility)	This highly equipped Industrial training cell will help students to gain industrial operations knowledge on handling programming industrial, humanoid, hospitality and service robot platform)
Advanced iOS App Development	NA	07/01/2019	48	(Focuses on App Development Internship)	Software programming/App development) N
Spoken English Personality Development( SEPD)	NA	24/06/2019	40	Basic training for Personality Development Career Guidance for Placement	Group Discussion, Presentation Spoken English
PCB Designing using ALTIUM	NA	12/06/2019	45	PCB designing	free lancing ,circuit designing

,assembling  
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on

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	TE COMPUTER ENGINEERING	05/07/2018
BE	TE ELECTRICAL ENGINEERING	05/07/2018
BE	TE ELECTRONICS AND TELECOMMUNICATION ENGINEERING	05/07/2018
BE	TE INFORMATION TECHNOLOGY	05/07/2018
BE	TE ELECTRONICS ENGINEERING	05/07/2018
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	ELECTIVE IN TE COMPUTER ENGINEERING	05/07/2018
BE	ELECTIVE IN TE ELECTRICAL ENGINEERING	05/07/2018
BE	ELECTIVE IN TE ELECTRONICS AND TELECOMMUNICATION ENGINEERING	05/07/2018
BE	ELECTIVE IN TE INFORMATION TECHNOLOGY	05/07/2018
BE	ELECTIVE IN TE ELECTRONICS ENGINEERING	05/07/2018

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	2136	0

## 1.3 – Curriculum Enrichment

### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
composite training program on industrial humanoid , hospitality and service robot platyform	11/02/2019	80
SEPD	18/06/2018	32
Advance Ios App	09/03/2019	20

development		
Spoken tutorial	11/07/2018	783
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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	ELECTONICS AND TELECOMMUNICATION ENGINEERING	127
BE	COMPUTER ENGINEERING	159
BE	INFORMATION TECHNOLOGY	57
BE	ELECRTICAL ENGINEERING	70
BE	ELECTRONICS ENGINEERING	46
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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

#### 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Syllabus related feedback was collected from stakeholders (Students, Teachers, Parents, Alumni employers). This feedback was obtained online through Google forms. Responses of the forms were analyzed question wise which focuses on different aspects of syllabus such as knowledge, relevance to real life situations, depth of the course learning values etc. Suggestions were also invited from stake holders for betterment of the existing scenario. The collected feedback from all the stakeholders was discussed in BOG meeting. Some of the points that were discussed require maximum focus are as below</p> <ol style="list-style-type: none"> <li>1. Ability to apply the concepts studied in syllabus to real life situations</li> <li>2. Projects need to focus on learning values, skill development and knowledge of the current technology to make students industry ready.</li> </ol> <p>Institute has taken important actions to upgrade overall development of the institution</p> <ul style="list-style-type: none"> <li>• To fulfill the expectations, certain training sessions workshops were organized to give students exposure to recent industry trends technology.</li> <li>• Institute also made them available state of the art research laboratories conducted various training sessions.</li> <li>• Many guest lectures and Alumni Talks were organized to make students aware of the work projects going on in market.</li> <li>• Industrial visits were planned for students to for bridging the gap between knowledge imparted in classroom and industrial practices followed.</li> <li>• Students were guided for how they can successfully make their way to get admissions for higher studies or for grabbing good employment positions.</li> <li>• We utilized some innovative teaching tools such as "The CN - the social learning platform" and Moodle to enrich teaching learning process.</li> </ul>

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Computer Engineering	120	170	120
BE	Information Technology	120	165	120
BE	Electronics and Telecommunication Engineering	120	160	120
BE	Electronics Engineering	60	69	38
BE	Electrical Engineering	60	76	60

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### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2136	0	118	0	0

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
97	97	11	5	2	11

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#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring System Our system promises to provide a better understanding of individual students and bring out their highest potential. It also appears to be the most effective method/weapon for mitigating cases of those students who are vulnerable to dropout from studies. Students are categorised based on the streams of studie. They are divided into groups of 2025 depending on the number of students. Each group is assigned a teachermentor who would perform mentoring duties a. Mentors maintain and update the Mentoring Format which contains space for entering particulars and performance of students (class tests, monthly attendance records, etc.) b. After collecting all necessary information, Mentors are expected to offer guidance and counselling, as and when required. c. It is the practice of Mentors to meet students individually or in groups. d. In isolated cases parents are called for counselling/special meetings with the Principal at the suggestion of the Mentor. e. If a student is identified as having weakness in particular subject, it is the duty of the Mentor to apprise the concerned subject teacher. Uniqueness: The institutional practice of Mentoring System has been designed and

implemented a. to be studentcentric b. to render equitable service to students of varied academic financial backgrounds Constraints: With the introduction of continuous assessment under the Semester System, time factor could be a constraint for Mentors The scheme is adapted for the value additions to the students like – ? Bridging the gap between the teachers and students. ? Creation of a better environment in college, where students can approach teachers for both educational and personal guidance. ? Enhancement of knowledge base for both teachers and students alike, due to effective twoway communication. ? Awareness and support to students for GATE, GRE, CAT, ISRO, and other Govt. PSUs examinations. ? Motivation for higher studies and entrepreneurship. Advice and support for improvement in academic performance. Ongoing process: ? Regular meetings are held between mentor and mentee. ? A report card is maintained for each student. ? The report card has both personal and academic data. ? Students are allowed to approach the mentor for both academic personal problems. ? Personalized professional /career advice is given to the mentee. Targets achieved The institutional practice of Mentoring System has considerably enhanced the campus environment and brought about: a. Enhanced contact hours between Mentors with their respective students b. Improvement in students' attendance records c. Minimised student dropout rates (apparently due to Mentors' intervention before a student falls short of attendance or has been regularly abstaining from classes) d. Identification of slow learners for conducting Remedial Classes by few departments e. Advanced learners identified and encouraged with incentive prizes

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2136	97	1 : 23

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
97	118	0	0	8

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Priti Rumao	Assistant Professor	SIH 2019(Software edition) Calicut, Kerela
2019	Chandana Nigut	Assistant Professor	SIH 2019(Software edition) Coimbatore
2018	Dr.S.P.kallurkar	Principal	Namdaar Gopal Krishna Gokhale Maharashtra Puraskar 2018
2018	Dr.S.P.kallurkar	Principal	Namdaar Gopal Krishna Gokhale Maharashtra Puraskar 2018
2019	Priti Rumao	Assistant Professor	SIH 2019(Software edition) Calicut, Kerela
2019	Priti Rumao	Assistant Professor	SIH 2019(Software edition) Calicut, Kerela
2019	Chandana Nigut	Assistant Professor	SIH 2019(Software

			edition) Coimbatore
2019	Chandana Nigut	Assistant Professor	SIH 2019(Software edition) Coimbatore
2019	Chandana Nigut	Assistant Professor	SIH 2019(Software edition) Coimbatore
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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	IT	8	24/05/2019	03/07/2019
BE	CS	8	24/05/2019	04/07/2019
BE	IT	8	24/05/2019	03/07/2019
BE	CS	8	24/05/2019	04/07/2019
BE	ET	8	24/05/2019	06/07/2019
BE	EX	8	24/05/2019	12/07/2019
BE	EE	8	24/05/2019	05/07/2019
BE	IT	8	24/05/2019	03/07/2019
BE	CS	8	24/05/2019	04/07/2019
BE	ET	8	24/05/2019	06/07/2019
BE	EX	8	24/05/2019	12/07/2019
BE	EE	8	24/05/2019	05/07/2019
BE	ET	8	24/05/2019	06/07/2019
BE	EX	8	24/05/2019	12/07/2019
BE	EE	8	24/05/2019	05/07/2019
BE	IT	8	24/05/2019	03/07/2019
BE	CS	8	24/05/2019	04/07/2019
BE	ET	8	24/05/2019	06/07/2019
BE	EX	8	24/05/2019	12/07/2019
BE	EE	8	24/05/2019	05/07/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Effective implementation of evaluation reform of the university are strictly followed and those initiated by its own are ensured by the institution by strict compliance of process and procedure devised/ suggested by the university in order to follow the continuous evaluation system. The Institute has taken the following measures for the effective implementation of the evaluation reforms introduced by the University: The Institute has exam coordinators from each department for smooth conduction of the examination. The examination committee meets periodically to discuss all the examination related matters. At Institute level, effective implementation of tutorial and midsem test takes

place and results are declared within eight days. The students can see their evaluated answer sheets and discuss the same with concerned faculty. Term test is based on the university syllabus. This will be in the form of questions of graded nature. Theory questions and numerical questions are also included. It is ensured that questions are relevant to the thinking process of the student and of progressive nature. Methodology of presentation is expected in the form of algorithmic flow chart and sketches from the student to improve the thinking in logical way. The answer sheets are assessed on the point view of understanding the subject as main criteria. At the same time presentation is also looked into. In special case online exam with objective type question papers are set and immediate results are given. Viva and oral examination are conducted with the current topics with the relevant academicians and industry people to give an exposure to the students of the various disciplines. Practical are conducted with the latest equipments and software and in a healthy environment. All the exams are conducted in a student friendly environment so that the student can give full and meaningful performance. All the data are collected and stored in digital format for recovery/reference purpose. Final year term work is jointly evaluated by internal and external examiners. The faculty enter attendance and marks of the students periodically. The Institute appoints examiners for the practical examinations and viva voce examinations as per the University directives The Institute sends its faculty members as examiners to evaluate semester answer scripts to the affiliating University. The regulations, curricula and syllabi of all the programmes offered by the Institute are available in the Institute and the affiliated University websites. The regulations contain the details of the evaluation process. The OfficerInCharge of the Examination Cell of the Institute has prepared an Instruction Manual as per the guidelines of the Controller of Examination of Mumbai University to conduct of examinations and copies are available to all departments. During the Induction program the newly admitted students are updated about the attendance requirements as well as the pass mark requirements and the grading systems for the internal assessments. Whenever the students are in doubt, they are encouraged to clarify them by discussing with the teachers/principal.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

An academic calendar is published by the institute which includes following items: Academic year starts as prescribed by MU. The university prepares and publishes the academic calendar for the academic year which includes plans for curricular and cocurricular activities based on the available working/teaching days as per university norms. Student council at the institute, responsible for making the academic calendar, prepares the Institute academic calendar in concurrence with the University calendar which is prepared in advance before the commencement of the semester. Approval for the same is taken by head of departments and Principal. The academic calendar is given to all faculties before commencement of the semester. Based on the academic calendar, teaching plan is prepared. Academic calendar of the Institute includes schedule of curricular transaction, assessment, technical events, , class tests, submission, list of holidays and extra curricular activities. Students are informed about time table and academic calendar well in advance. Teaching Plan, detailed lesson plan/teaching methodology according to syllabus is prepared by each faculty before the start of the semester. The lesson plan comprises of content, learning aid and methodology, faculty approach and course outcomes. The lesson plan generally highlights the content and total lectures for completion of the curriculum. Monitoring of implementation of lesson plan is done by HOD IQAC and corrective action are suggested. The laboratory Schedule is prepared by the concerned faculty and batch wise details are specified in the laboratory schedule. Time table of regular lectures for the semester is

prepared as well as displayed on the notice board and website. There is academic monitoring committee appointed by the Principal/HOD who monitors day to day conduction of the lectures based on the time table.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://drive.google.com/drive/folders/1zc6B3wJQ3HBdd8GbVMm8seQ7Lm8tPs3Q>

### 2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
ET 320337210	BE	Electronics and telecommunication Engineering	141	134	95.03
EX 320337610	BE	Electronics Engineering	74	61	82.43
IT 320324610	BE	Information Technology	154	146	94.81
CS 320324510	BE	Computer Engineering	136	135	99.26
EE 3203329310	BE	Electrical engineering	61	57	93.44
ET 320337210	BE	Electronics and telecommunication Engineering	141	134	95.03
EX 320337610	BE	Electronics Engineering	74	61	82.43
IT 320324610	BE	Information Technology	154	146	94.81
CS 320324510	BE	Computer Engineering	136	135	99.26
EE 3203329310	BE	Electrical engineering	61	57	93.44
ET 320337210	BE	Electronics and telecommunication Engineering	141	134	95.03
EX 320337610	BE	Electronics Engineering	74	61	82.43
ET 320337210	BE	Electronics and telecommunication Engineering	141	134	95.03
EX 320337610	BE	Electronics Engineering	74	61	82.43

IT 320324610	BE	Information Technology	154	146	94.81
CS 320324510	BE	Computer Engineering	136	135	99.26
EE 3203329310	BE	Electrical engineering	61	57	93.44
IT 320324610	BE	Information Technology	154	146	94.81
CS 320324510	BE	Computer Engineering	136	135	99.26
EE 3203329310	BE	Electrical engineering	61	57	93.44
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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://drive.google.com/drive/folders/1x2Uxhk2l3izn47FNSd09-vxiFTTT5d9W>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	3	UNIVERSITY OF MUMB AI	0.35	0.35
Industry sponsored Projects	1	Udeet Electricals	1	1

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### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Innovation Mela	Institution level	14/01/2019
Atharva SIH 2019	Institution level	15/02/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Innovation 2018	Rashmi Bhagat	SIES Graduate School of Technology (SIES GST) Navi Mumbai	09/07/2018	STUDENT
Bridging the Gap between Industry and Academia	Garima Gurjar Unhale	DST (Department of Science Technology) and Texas	15/03/2019	FACULTY MEMBER

		Instruments		
SIH 2019(Software edition) Coimbatore	Chandana Nigut/ trishala and group	MHRD	04/03/2019	FACULTY MEMBER AND STUDENT
SIH 2019(Software edition) Calicut, Kerela	Priti Rumao/ Prem Raval and group	MHRD	04/03/2019	FACULTY MEMBER AND STUDENT
Design Patent (Visually impaired assistant belt)	Amit Padi	IPINDIA	26/02/2019	STUDENT
StartupIndia yatra grand finale	Harshraj Pardhi, Mahesh Chavan, Yash Nikum, kirtan Shirodkar	Maharashtra State Innovation Society	03/11/2018	STUDENT
Innovation 2018	Kunal Kashikar	SIES Graduate School of Technology (SIES GST) Navi Mumbai	09/07/2018	STUDENT
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### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
MSME Incubation center	Atharva BI	MSME	Audarya	Social	14/08/2018
MSME Incubation center	Atharva BI	MSME	Prisla	Educational	14/08/2018
MSME Incubation center	Atharva BI	MSME	Orion	Technical	14/08/2018
MSME Incubation center	Atharva BI	MSME	Isagon	Technical (3D Printer)	14/08/2018
No file uploaded.					

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	5	5

#### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
COMPUTER ENGINEERING	0

INFORMATION TECHNOLOGY	0
ELECTRICAL ENGINEERING	0
ELECTRONICS AND TELECOMMUNICATION ENGINEERING	0
ELECTRONICS ENGINEERING	0
HUMANITIES AND APPLIED SCIENCES	0

### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	COMPUTER ENGINEERING	113	1.64
International	INFORMATION TECHNOLOGY	56	1.64
International	ELECTRICAL ENGINEERING	28	1.7
International	ELECTRONICS ENGINEERING	25	3.14
International	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	92	1.64
International	HUMANITIES AND APPLIED SCIENCES	33	1.64
No file uploaded.			

### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
COMPUTER ENGINEERING	118
INFORMATION TECHNOLOGY	56
ELECTRICAL ENGINEERING	32
ELECTRONICS ENGINEERING	25
ELECTRONICS AND TELECOMMUNICATION ENGINEERING	92
HUMANITIES AND APPLIED SCIENCES	31
<a href="#">View File</a>	

### 3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Remote Voting System Using Biometrics	Supriya Mandhare,	IOSR Journal of Engineering	2019	0	ACE, Malad	0

Automatic Waste Segregation	Prajakta borole	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Augmented Reality Based Direction Guide	Prajakta borole	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Real World Scanning And 3d Modeling Using Lidar	Namrata Lade	IOSR Journal of Engineering	2019	0	ACE, Malad	0
BIOELECTRICAL BODY FAT ANALYZER	Prof Shikha malik	IOSR Journal of Engineering	2019	0	ACE, Malad	0
study : Data Mining and more of text summarization	Yogita Shelar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Novel Architecture of Hybrid Wavelet Techniques used by CBIR System for Microsoft Azure PModel	Dr. Mamta Meena	2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)	2018	0	Atharva College of Engineering	0
Review on Cloud Services: Office 365	Nisha Varghese	STM journals	2018	0	Atharva College of Engineering	0
Review on Cloud Services: Office 365	Neha singh	STM journals	2018	0	Atharva College of Engineering	0
Analysis of Probabilistic Models for Influence Ranking in Social Networks	Aruna Pavate	Advances in Intelligent Systems and Computing book series (AISC, volume	2018	0	Atharva College of Engineering	1

		810), Computing, Communication and Signal Processing pp 215223, Computing, Communication and Signal Processing: Proceedings of ICCASP 2018				
Early Prediction of Five Major Complications Ascends in Diabetes Mellitus Using Fuzzy Logic	Aruna Pavate	Advances in Intelligent Systems and Computing book series (AISC, volume 758), Soft Computing in Data Analytics pp 759768	2018	0	Atharva College of Engineering	1
Correction to: Performance of Internal Cluster Validations Measures For Evolutionary Clustering	Aruna Pavate	Advances in Intelligent Systems and Computing book series (AISC, volume 810), Computing, Communication and Signal Processing	2018	0	Atharva College of Engineering	1
The Effect of ICT (Information and Communications Technology) in Evaluation of learners in Engineering Education	Mahendra Patil, Mamta Meena, Nikita Patil	International Conference on Data Science and Analytics, Punecon 2018	2018	0	Atharva College of Engineering	1

Performance Improvement of Texture Based CBIR on Microsoft Azure Public Cloud	Mamta Meena	ICACIE 2018 3rd International Conference on Advanced Computing and Intelligent Engineering	2018	0	Atharva College of Engineering	0
Lane datasets for lane detection	Shirke, Suvarna Pansambal	2019 International Conference on Communication and Signal Processing (ICCSPP)	2019	0	Bharath Institute of Higher Education and Research, Chennai, India	0
Survey on: Benefits of Augmented Reality in Education Advantages and Challenges	Mahendra Patil, Mamta Meena, Nikita Patil	IOSRJEN	2019	0	Atharva College of Engineering	0
Android Application for GRE Vocabulary Memorization	Nikita Patil	IOSRJEN	2019	0	Atharva College of Engineering	0
Survey on : Internet of Things	Nikita Patil, Mamta Meena, Mahendra Patil	IOSRJEN	2019	0	Atharva College of Engineering	0
Feature Extraction by Surf Technique used for Content Based Video Retrieval	Mamta Meena, Nikita Patil, Mahendra Patil	IOSRJEN	2019	0	Atharva College of Engineering	0
Background verification and data analysis	Nikita Patil	IOSRJEN	2019	0	Atharva College of Engineering	0
Survey on	Foram	IOSRJEN	2019	0	Atharva	0

Advanced Databases	shah, Tanvi Kapdi				College of Engineering	
Clump Approach for Animal Concern System	Aruna Pavate	IOSRJEN	2019	0	Atharva College of Engineering	0
Mixed reality for special needs education	Tanvi Kapdi, Foram Shah	IOSRJEN	2019	0	Atharva College of Engineering	0
Analogous investigation of Most commonly used Machine Learning Tools	aruna Pavate, divya kumawat, Survana Pansambal, Apeksha waghmare, Anita chaudhari	IOSRJEN	2019	0	Atharva College of Engineering	0
Cued Click Point Based Authentication	Suvarna Pansambal, Apeksha Waghmare, Aruna Pavate, Divya Kumawat, Swati shirke	IOSRJEN	2019	0	Atharva College of Engineering	0
TechIntegrated Engineering Curriculum using iMac Lab	Neha Singh, Nisha Varghese, Sinu Mathew and Neha Kunte	IOSRJEN	2019	0	Atharva College of Engineering	0
Survey of Network Routing Protocols	Ditixa Vyas	IOSRJEN	2019	0	Atharva College of Engineering	0
Android Based Heart Monitoring Systems	Aruna Pavate	IOSRJEN	2019	0	Atharva College of Engineering	0
Ensuring Safety of an Individual by using EEG and	Aruna Pavate	IOSRJEN	2019	0	Atharva College of Engineering	0

Machine Learning						
Lighting Two Candles With One Flame: An Unaided Human Identification Protocol With Security Beyond Conventional Limit	Nida Parkar, Bhavna Arora, Priti Rumao and Chandana Nighut	IOSRJEN	2019	0	Atharva College of Engineering	0
Automated Analysis Of Freeware Installers Promoted By Download Portal	Bhavna Arora, Nida Parkar and Priti Rumao	IOSRJEN	2019	0	Atharva College of Engineering Atharva College of Engineering	0
Intrusion Detection Algorithm Based on Convolution Neural Network	Priti Rumao, Bhavna Arora, Nida Parkar and Samira Nigrel	IOSRJEN	2019	0	Atharva College of Engineering	0
Salient Schemes for Data Analysis	Chandana Nighut, Samira Nigrel, Sushma Amudalapally and Nida Parkar	IOSRJEN	2019	0	Atharva College of Engineering	0
Analysis of Variations in Data Recognition Rate using Neural Logic MinMax Algorithm	Mamta Meena, Mahendra Patil, Nikita Patil	IOSRJEN	2019	0	Atharva College of Engineering	0
Walkthrough: Augmented Reality	Samira Nigrel, Chandana Nighut, Priti Rumao,	IOSRJEN	2019	0	Atharva College of Engineering	0

	Bhavna Arora					
Study of data mining techniques for credit risk analysis risk analysis by using decision tree algorithm	Divya Kumawat, Aruna Pavate, Apeksha waghmare, Suvarna Pansambal	IOSRJEN	2019	0	Atharva College of Engineering	0
Authentic Vehicle trading and recommendation system using Apriori algorithm	sandeep b., Biradar Sharif, Swaraj C., Forum S.	IOSRJEN	2019	0	Atharva College of Engineering	0
Storage managment using Block chain	Burhanudin R., Tej P., Amar P., Forum S.	IOSRJEN	2019	0	Atharva College of Engineering	0
ANDROID APP AS A COMMON PLATFORM FOR MULTIPLE TYPES OF DONATION	Roopa, Prachi, Reshma, Shweta Sharma	IOSRJEN	2019	0	Atharva College of Engineering	0
Android Application Development for Convenient Blood Donation	Pujan Thakker, Nimish Sawant, yash raorane, Shweta Sharma	IOSRJEN	2019	0	Atharva College of Engineering	0
A METHOD TO CONTROL MOUSE MOVEMENT USING HAAR	Pratap, Sahil, Vishal, Neha Kunte, Shweta Sharma	IOSRJEN	2019	0	Atharva College of Engineering	0
Bicycle Pooling Services: An android applicatio	Swagata Nan, Kritika Dadarkar, Rajeshwari	IOSRJEN	2019	0	Atharva College of Engineering	0

n	Jadhav, Divya Kumawat					
An android application for plant disease detection	Shruti Sanke, Sayali Parkar, mrunali Sawant, Divya Kumawat	IOSRJEN	2019	0	Atharva College of Engineering	0
SURVEY OF ALCOHOL DETECTION WITH ENGINE LOCKING SYSTEM	Akshay Thombarel, Kruttika Sawant, Kinjal Patel, Ditixa Vyas	IOSRJEN	2019	0	Atharva College of Engineering	0
Crime Rate Prediction Using KMeans	Snehal Dhaktode, Miral Doshi, Neeraj Vernekar, Ditixa Vyas	IOSRJEN	2019	0	Atharva College of Engineering	0
Restaurant Review Classification and Recommendation System using SVM	Onkar Ravgan and Veda Waikul, Aruna Pavate	IOSRJEN	2019	0	Atharva College of Engineering	0
Identification of Defects in Fruits Using Digital Image Processing	Siddhika Arunachalam, Harsh H. Kshatriya, Mamta Meena	IOSRJEN	2019	0	Atharva College of Engineering	0
JUST WALK OUT: An innovation towards the fusion of the online and offline markets.	Shrusti Talati, Shrutika Mallya, Gayatri Pednekar, Mamta Meena	IOSRJEN	2019	0	Atharva College of Engineering	0
Restaurant Review Analysis and Classification	Onkar Ravgan and Veda Waikul, Aruna	IOSRJEN	2019	0	Atharva College of Engineering	0

using SVM	Pavate					
Android Based Application For Smartphone Addiction Control And Monitoring	Supriya Mandhare,	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Sentiment Analysis Of Product Reviews using Machine Learning Approach	Mathew Pazhur Vallabh Natu Pavan Dhake Aruna Pavate	IOSRJEN	2019	0	Atharva College of Engineering	0
Crime Rate Prediction Using KMeans	Snehal Dhaktode, Miral Doshi, Neeraj Vernekar, Ditixa Vyas	IOSRJEN	2019	0	Atharva College of Engineering	0
Perceptive Arduino Moto Head Protector Using Arduino	Divya Swami, Varsha Trimukhe, Ajeet Ghodeswar	IOSRJEN	2019	0	Atharva College of Engineering	0
Study of Traffic Symbol Detection System	Rajas Thawal, Omkar Sanap, Hridyesh Jadhav, Suvarna Pansambal	IOSRJEN	2019	0	Atharva College of Engineering	0
Computational platform for integration of cellular services and modules to create dynamic profiles permitting trigger automation	Nikhil Gohil, Bhagyesh Kurlekar, Vatsal Agrawal, Suvarna Pansambal	IOSRJEN	2019	0	Atharva College of Engineering	0

vehicle pooling system	varun Nair ,darshan maheshwari, sanman munj, tanvi kapdi	IOSRJEN	2019	0	Atharva College of Engineering	0
Web Based Real Estate Management System	Ankit Kore, Mangesh Walve, Sonu Prasad, Bhavna Arora, Suvarna Pansambal	IOSRJEN	2019	0	Atharva College of Engineering	0
Smart Nursery Application Using Data Mining	Prachi Agarwal, Mayur Chavan, Bhaumik Holam and Neha Singh	IOSRJEN	2019	0	Atharva College of Engineering	0
Mumbai Tour Application development by using Virtual Reality	Aditya Mohite, Mangesh Sonje, Omkar Chikhale and Neha Singh	IOSRJEN	2019	0	Atharva College of Engineering	0
Secure3: 3 level security with IBA using cued multiple click points	Sanjana Gosavi, Surabhi Karande, Tanvi Hirlekar and Prof. Nida Parkar	IOSRJEN	2019	0	Atharva College of Engineering	0
Inventory Management Software For Windows In Python	Amogh Singh, Vimal Negi, Aaditya Tirodkar and Nida Parkar	IOSRJEN	2019	0	Atharva College of Engineering	0
Sign Language Prediction using Machine Learning	Vivek Bafna, Omkar Dulanthe, Rudra Palande,	IOSRJEN	2019	0	Atharva College of Engineering	0

	Priya Porwal					
Crop Yield Prediction Using Supervised Machine Learning Algorithm	Hardik Joshi, Monika Gawade, Manasvi Ganu, Priya Porwal	IOSRJEN	2019	0	Atharva College of Engineering	0
Sensor Based Traffic Signal and Control System	Rachana Upadhyay, Margeeh Patil, Kaustubh pagdhare, Samid ha Kurle	IOSRJEN	2019	0	Atharva Colleof Engineeringg e	0
Android app developmeltnerarynt for Tourist	kaushal kashikar, Atharva jadhav, priti rumrao	IOSRJEN	2019	0	Atharva Colleof Engineeringg e	0
Key Aspects of indian state	Rupesh yadav, Amruta Mahtre	IOSRJEN	2019	0	Atharva Colleof Engineeringg e	0
A Novel Implementation of Rectangular Waveguide in Ku Band for Varying Magnetic Field	Mahendra Patil, Mamta Meena, Nikita Patil	IOSRJEN	2019	0	Atharva Colleof Engineeringg e	0
BrainQ An E learning Application	paras singh, Hetal surti, Rohan Ghantela, Amruta Mahtre	IOSRJEN	2019	0	Atharva Colleof Engineeringg e	0
Survey on Data Mining :	Ashmita Shetty, Komal Gothwal	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Visualization Analysis of 3D scientific	Vaishali Salvi, Jyothi Arun, Pranoti Na	IOSR Journal of Engineering	2019	0	ACE, Malad	0

data	ge, Priyanka sharma					
SURVEY ON DIGITAL TRANSFORMATION WITH RPA	Vaishali Salvi, Jyothi Arun, Pranoti Nage, Priyanka sharma, Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0
The Internet of NanoThings and Applications : A Survey	Vaishali Salvi, Jyothi Arun, Pranoti Nage, Priyanka sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Hybrid Movie Recommender using Deep learning: A review	Jyothi Arun	IOSR Journal of Engineering IOSR Journal of Engineering	2019	0	ACE, Malad	0
IOT messaging protocol	Jyothi Arun, Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Study on Opinion Mining and Sentimental analysis	Jyothi Arun, Nileema Pathak, Supriya Mandhare	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Passwordless Login Using Two Factor Authentication	Jyothi Arun	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Study: Deep Reinforcement Learning Overview Application	Priyanka, Snehal kale, Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Design of Touchless Hand Gestures Recognition System	Supriya Mandhare	IOSR Journal of Engineering	2019	0	ACE, Malad	0
An Android Application	Supriya Mandhare,	IOSR Journal of	2019	0	ACE, Malad	0

n for Protecting Personal Information Using fingerprint Encryption	Nileema Pathak	Engineering				
Study: Deep Reinforcement Learning Overview Application	Snehal Kale , Nileema Pathak, Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Sentiment Analysis of Tweets Using Semantic Analysis	Snehal Kale , Nileema Pathak, Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Combating Shill Bidding in ECommerce Websites	Snehal Kale	IOSR Journal of Engineering	2019	0	ACE, Malad	0
study : Data Mining and more of text summarization	Yogita Shelar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Enhanced Data Storage Security in Cloud Environment using Encryption, Compression and Splitting technique.	Priyanka Sharma, Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Bridge safety monitoring system	Nileema Pathak, Priyanka Sharma, Snehal kale	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Android application malware detection using machine learning	Sachin Gavhane	IOSR Journal of Engineering	2019	0	ACE, Malad	0

Andriod ap plication malware detection using machine learning	Sachin Gavhane	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Plant Health Monitoring System using Image Processing	Snigdha Bangal	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Decentrali zed way of Identity Management using Blockchain Technology	Amruta Pokhare, S owmyashree	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
WIFI Authe ntication Method Using Authcoin	Amruta Pokhare, S owmyashree	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Androeye for visually impaired people	Amruta Pokhare, S owmyashree	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
IoT based automated security solution for women safety	Smita Krishna Patil	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Recommende r System for Smart Agricultur e using IoT	Smita Krishna Patil	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
A SECURE BLOCKCHAIN BASED ELECTRONIC VOTING SYSTEM	Amruta Pokhare	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Solar Hybrid Bicycle	Shreyashi De, Suvarna More	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
SolidState	Shreyashi	IOSR	2019	0	ACE, Malad	0

Unipolar Marx Generator for Water Treatment Process	De, Garima Gurjar	Journal of Engineering				
Foldo ECycle	Pragya Jain	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Vortex Blade Less Wind Generator	Pragya Jain	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A New Cost Effective Approach for Mitigation of PQ Problem to Maximize the System Performance of Industry: A Case Study	Karuna Nikum	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Performance Based Economical Design of Hybrid Filter and APFC to Improve the Power Quality of Industry	Karuna Nikum	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Modelling and Simulation of Static VAR Compensator	Karuna Nikum, Priti Singh	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Comparative Analysis of Harmonic Filter on the Basis of Power Quality Parameters	Karuna Nikum	IOSR Journal of Engineering	2019	0	ACE, Malad	0
New	Karuna	Institutio	2019	0	ACE, Malad	0

economical Design of SVC and Passive Filter to Improve Power Quality at Railway Substation: A Case Study	Nikum	n of Engineers: series B (Springer)				
Zero Voltage Switching Control of a DC Converter	Suraj Tripathi, Priyanka Tripathi, Sangeeta Kotecha	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Optimal Reconfiguration of Distribution Network using Culture Algorithm	Priti Singh	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Review on the Applications of Graphene	Priti Singh, Sangeeta Kotecha	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Cost Effective and Automatic Robotic Arm Wiper for Solar Panel Cleaning	Sangeeta Kotecha	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Plastic Extrusion Machine	Garima Gurjar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Electric Bike	Garima Gurjar, Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Advanced Shoe Cleaning Machine	Suvarna More, Rashmi Chaugule	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Solar Wave Hybrid Power Plant	Priyanka Sharma, Rashmi Chaugule	IOSR Journal of Engineering	2019	0	ACE, Malad	0

Electrostatic particulator using vandegraff generator	Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Automated Mobile Seabin	Priyanka Tripathi	IOSR Journal of Engineering	2019	0	ACE, Malad	0
3D Printer	Disha Bhosle	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Plants' Leaf Diseases Detection Using Digital Image Processing	Disha Bhosle	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Food Calorie And Nutrition Measurement	Disha Bhosle	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Multifunctional Robot For Surveillance	Prajakta borole	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Hnn Based Controller Optimizati on Of Flexible SingleLink Manipulato r	Namrata Lade	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Home Energy Management Based On Power Line Communicat ion	Niranjan Samudre	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Niranjan Samudre	Niranjan Samudre	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Emotion Re cognition	Niranjan Samudre	IOSR Journal of	2019	0	ACE, Malad	0

From Facial Expression		Engineering				
Comparative Analysis Of Emotion Recognition Using Facial Expressions And Speech	Niranjan Samudre	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Automated Ration Distribution System	samuel jacob	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Zigbee Controlled Boat With Wireless Video Transmission	Sandip Zade	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Virtual Reality Telepresence Robot Using Raspberry Pi	Ameya Jadhav	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Implementation Of Various Logic Circuits And Evaluation By Power Efficiency	Sonam Kand algaonkar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Spectrum Sensing In Cognitive Radio	kavita bani	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Single Precision Fpu Using Verilog: Review Of Delay And Speed Parameters	Kishore Bhosle	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Survey On : Internet Of Things	Sarang Kulkarni	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Analysis	Sarang	IOSR	2019	0	ACE, Malad	0

Of Variations In Data Recognition Rate Using Neural Logic MinMax Algorithm	Kulkarni	Journal of Engineering				
Library Management System With Smart Book Shelf	Sarang Kulkarni	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Novel Implementation Of Rectangular Waveguide In Ku - Band For Varying Magnetic Field	Sarang Kulkarni	URSI APRASC	2019	0	ACE, Malad	0
A Hybrid Wavelet Techniques Based Cbir Saas Application Using Microsoft Azure Cloud	Sarang Kulkarni	International Conference on Advanced Computing and Intelligent Engineering 2018	2019	0	ACE, Malad	0
performance analysis in routing protocol in MANET	Jyoti Kolap	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Survey on Routing Schemes of Delay Tolerant Network for Internet of Things	Jyoti Kolap	IOSR Journal of Engineering	2019	0	ACE, Malad	0
5g radio headnext generation technology	Jyoti Kolap	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Designing Underwater Drone/Robo	Prof.Mohan Kumar	IOSR Journal of Engineering	2019	0	ACE, Malad	0

t Using Fish Symmetry Replication for Outer Structure System Control for Efficient Underwater Environment Exploration Surveillance		g				
IOSR Journal of Engineering	Prof.Mohan Kumar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
MultiFeature Content Based Image Retrieval system	Prof.Mohan Kumar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
5G Wireless Technology	Prof.Mohan Kumar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Compromising Smart Television	Prof.Mohan Kumar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Challenges in the deployment of 5G Networks in India	Prof.Mohan Kumar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
smart visibility glasses for blind people	Prof.Jyoti Dange	IOSR Journal of Engineering	2019	0	ACE, Malad	0
skybell smart doorbell	Prof.Jyoti Dange	IOSR Journal of Engineering	2019	0	ACE, Malad	0
5g radio headnext generation technology	Prof.Jyoti Dange	IOSR Journal of Engineering	2019	0	ACE, Malad	0
smart pizeo city	Prof.Jyoti Dange	IOSR Journal of	2019	0	ACE, Malad	0

		Engineering				
propagation path loss in 5g millimeter wave	Prof.Jyoti Dange	IOSR Journal of Engineering	2019	0	ACE, Malad	0
CNC Router	Prof.Mahalaaxmi Palinje	IOSR Journal of Engineering	2019	0	ACE, Malad	0
3DPRINTER	Prof.Mahalaaxmi Palinje	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Artificial intelligence in personal health monitoring	Prof.Mahalaaxmi Palinje	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Analysis of PLL Circuit for single event transient	Prof.Mahalaaxmi Palinje	IOSR Journal of Engineering	2019	0	ACE, Malad	0
EFFECTIVE CRYPTOGRAPHY USING ARTIFICIAL NEURAL NETWORK	Prof.Jyoti Mali	IOSR Journal of Engineering	2019	0	ACE, Malad	0
CURRENCY RECOGNIZATION SYSTEM USING IMAGE PROCESSING	Prof.Jyoti Mali	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A REVIEW OF PHOTONIC AND ITS ADVANCES IN FUNDAMENTAL SCIENCE AND ENGINEERING FOR DIFFERENT TECHNOLOGIES OF LIGHT	Prof.Jyoti Mali	IOSR Journal of Engineering	2019	0	ACE, Malad	0
RADAR	Prof.Jyoti	IOSR	2019	0	ACE, Malad	0

HELMET FOR SOLDIERS	Mali	Journal of Engineering				
Multipurpose Student Smart Card	Prof.Nilesh Gode	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Spectrum Sensing Based On Cognitive Radio Networks	Prof.Nilesh Gode	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Wireless Vehicle with Antenna Hand	Prof.Nilesh Gode	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Compromising Smart Television	Prof.Nilesh Gode	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Challenges in the deployment of 5G Networks in India	Prof.Nilesh Gode	IOSR Journal of Engineering	2019	0	ACE, Malad	0
5G Wireless Technology	Prof.Nilesh Gode	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Designing Underwater Drone/Robot Using Fish Symmetry Replication for Outer Structure System Control for Efficient Underwater Environment Exploration Surveillance	Prof.Nilesh Gode	IOSR Journal of Engineering	2019	0	ACE, Malad	0
DESIGN AND IMPLEMENTATION OF VEHICAL MONITORING	Prof.Prajakta Pawar	IOSR Journal of Engineering	2019	0	ACE, Malad	0

SYSTEM						
VERTICAL AXIS WIND TURBINE WITH SOLAR TRACKING	Prof.Praja kta Pawar	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
SMART RAILWAY TRACK MONITORING SYSTEM	Prof.Praja kta Pawar	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Designing Underwater Drone/Robo t Using Fish Symmetry R eplication for Outer Structure System Control for Efficient Underwater Environmen t Explorat ion Survei llance	Dr.Bhavin Shah	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Compromisi ng Smart Television	Dr.Bhavin Shah	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Challenges in the deployment of 5G Networks in India	Dr.Bhavin Shah	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
5G Wireless Technology	Dr.Bhavin Shah	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Solar Gardenbot	Prof.Manoj Mishra	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Warfare Robot	Prof.Manoj Mishra	IOSR Journal of Engineerin g	2019	0	ACE, Malad	0
Designing Underwater Drone/Robo	Prof.Manoj Mishra	IOSR Journal of Engineerin	2019	0	ACE, Malad	0

t Using Fish Symmetry Replication for Outer Structure System Control for Efficient Underwater Environment Exploration Surveillance		g				
Compromising Smart Television	Prof.Manoj Mishra	IOSR Journal of Engineering	2019	0	ACE, Malad	0
5G Wireless Technology	Prof.Manoj Mishra	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Solar Gardenbot	Prof.Manoj Mishra	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Warfare Robot	Prof.Manoj Mishra	IOSR Journal of Engineering	2019	0	ACE, Malad	0
MultiFeature Content Based Image Retrieval system	Prof.Manoj Mishra	IOSR Journal of Engineering	2019	0	ACE, Malad	0
5g radio headnext generation technology	Prof.Akansha.Bhargava	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Artificial NeuralNetworks with Application	Prof.Akansha.Bhargava	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Comparative study of Machine learning and Artificial Intelligence	Prof.Akansha.Bhargava	IOSR Journal of Engineering	2019	0	ACE, Malad	0

Engineering education in new era of innovative technology needs 360 degree competent engineer to meet its goal	Prof.Akansa.Bhargava	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Comparative study of Machine learning and Artificial Intelligence	Prof.Akansa.Bhargava	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Artificial Neural Networks with Application	Prof.Akansa.Bhargava	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Engineering education in new era of innovative technology needs 360 degree competent engineer to meet its goal	Prof.Akansa.Bhargava	IOSR Journal of Engineering	2019	0	ACE, Malad	0
5g radio headnext generation technology	Prof.Akansa.Bhargava	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Designing Underwater Drone/Robot Using Fish Symmetry Replication for Outer Structure System Control for Efficient	Prof.Kunal Shriwas	IOSR Journal of Engineering	2019	0	ACE, Malad	0

Underwater Environment Exploration Surveillance						
Comparative study of Machine learning and Artificial Intelligence	Prof.Kunal Shriwas	IOSR Journal of Engineering	2019	0	ACE, Malad	0
MultiFeature Content Based Image Retrieval system	Prof.Kunal Shriwas	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Compromising Smart Television	Prof.Kunal Shriwas	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Review on physical layer waveform designing for 5G Wireless Technology	Prof Shikha malik	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Survey on Routing Schemes of Delay Tolerant Network for Internet of Things	Prof Shikha malik	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Analysis of trends in wireless body. Area networks	Prof Shikha malik	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Design and Implementation of Weather Monitoring System Using Internet of Things	Prof Shikha malik	IOSR Journal of Engineering	2019	0	ACE, Malad	0

(IOT)						
Water Quality Monitoring system using GSM Based	Prof Shikha malik	IOSR Journal of Engineering	2019	0	ACE, Malad	0
The Diagnosis of Macular Edema in Color Fundus Images Using Image Processing	Prof.Dhana shree P	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Cost Effective Adaptive Modulation for Microwave Link Availability Improvement in Plain, Hilly Terrain, Water Bodies	Prof.Supriya Dicholkar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Software Defined Network for IOT	Prof.Supriya Dicholkar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
3D printing using Holography	Prof.Supriya Dicholkar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Artificial Neural Networks with Application	Prof.Supriya Dicholkar	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Artificial Neural Networks with Application	Prof.Jyoti Gurav	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Comparative study of Machine learning and Artificial	Prof.Jyoti Gurav	IOSR Journal of Engineering	2019	0	ACE, Malad	0

Intelligence						
Engineering education in new era of innovative technology needs 360 degree competent engineer to meet its goal	Prof.Jyoti Gurav	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Software Defined Network for IOT	Prof.Jyoti Gurav	IOSR Journal of Engineering	2019	0	ACE, Malad	0
3D printing using Holography	Susan Tony	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Software Defined Network for IOT	Susan Tony	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A study of Hierarchical clustering Techniques	Susan Tony	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Review on physical layer waveform designing for 5G Wireless Technology	Susan Tony	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Analysis of trends in wireless body. Area networks	Susan Tony	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A study of Hierarchical clustering Techniques	Ruchi Chauhan	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Review on physical layer	Ruchi Chauhan	IOSR Journal of Engineering	2019	0	ACE, Malad	0

waveform designing for 5G Wireless Technology		g				
A Survey on Routing Schemes of Delay Tolerant Network for Internet of Things	Ruchi Chauhan	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Analysis of trends in wireless body. Area networks	Ruchi Chauhan	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Electromagnetic probes Direct Photon and dileptons in heavy ion collisions	Dr. P N Nemade	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Catalytic degradation of murexide dye using zinc oxide nanoparticles	Dr. P N Nemade	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Importance of Listening in Communication	Dr. P N Nemade	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Algorithmic Way of Teaching Numerical Method for Ordinary Differential Equations to Engineering Students.	Prof. Poonam Deshpande	IOSR Journal of Engineering	2019	0	ACE, Malad	0
The Study	Prof.	IOSR	2019	0	ACE, Malad	0

Of Univariate Normal Distribution Mathematical Model For Analyzing The Effects Of Melatonin On Menstrual Cycle	Poonam Deshpande	Journal of Engineering				
The Study Of Univariate Normal Distribution Mathematical Model For Analyzing The Effects Of Melatonin On Menstrual Cycle	Prof. Poonam Deshpande	IOSR Journal of Engineering IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Survey on Study of some Creation Field Cosmological Models	Prof. Poonam Deshpande	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Survey on Study of some Creation Field Cosmological Models	Prof. Poonam Deshpande	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Review on Application of Nanotechnology	Dr. Bhushan Sonavane	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Catalytic degradation of murexide dye using zinc oxide nanoparticles	Dr. Bhushan Sonavane	IOSR Journal of Engineering	2019	0	ACE, Malad	0

Importance of Listening in Communication	Dr. Ritu Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Review Paper on the works of Dina Mehta, Caryl Churchill and Marsha Norman	Prof. Rajendra Mahajan	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Thermal analysis of Polymer and nanoparticle dispersed Liquid Crystals mixtures	Dr. Jyoti Amare	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Studies on Polymer and nanoparticle dispersed Liquid Crystals Systems	Dr. Jyoti Amare	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Techniques to Improve Communication Skills of Engineering Students	Prof. Balaji Shinde	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Prof. Balaji Shinde	Dr. Nidhi Gupta	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Catalytic degradation of murexide dye using zinc oxide nanoparticles	Prof. Priyanka Badani	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Electromagnetic probes Direct Photon and	Prof. Priyanka Badani	IOSR Journal of Engineering	2019	0	ACE, Malad	0

dileptons in heavy ion collisions						
The Transport Modeling Analysis Of Elliptical Effluence Versus Pseudorapidity Profile In High Energy Collision.	Prof. Abhilasha Saini	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Review on Application of Nanotechnology	Prof. Abhilasha Saini	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Electromagnetic probes Direct Photon and dileptons in heavy ion collisions	Prof. Abhilasha Saini	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Review on Application of Nanotechnology	Prof. Dipa Patel	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Catalytic degradation of murexide dye using zinc oxide nanoparticles	Prof. Dipa Patel	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A survey on Magic Labeling of digraphs	Prof. Ancy D'souza	IOSR Journal of Engineering	2018	0	ACE, Malad	0
Algorithmic Way of Teaching Numerical Method for Ordinary D	Prof. Ancy D'souza	IOSR Journal of Engineering	2019	0	ACE, Malad	0

ifferential Equations to Engineering Students						
A study of applications of Differential Equations to array of fields	Prof. Ancy D'souza	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A study of applications of Differential Equations to array of fields	Prof. Kamaljeet Kaur	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A Survey on Study of some Creation Field Cosmological Models	Prof. Monika Shah	IOSR Journal of Engineering	2019	0	ACE, Malad	0
A study of applications of Differential Equations to array of fields	Prof. Monika Shah	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Survey on Data Mining	Survey on Data Mining	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Survey on Data Mining	Komal Gothwal	IOSR Journal of Engineering	2019	0	ACE, Malad	0
SURVEY ON DIGITAL TRANSFORMATION WITH RPA	Vaishali Salvi	IOSR Journal of Engineering	2019	0	ACE, Malad	0
The Internet of NanoThings and Applications : A Survey	Vaishali Salvi	IOSR Journal of Engineering	2019	0	ACE, Malad	0

The Internet of NanoThings and Applications : A Survey	Jyothi Arun	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Hybrid Movie Recommender using Deep learning: A review	Jyothi Arun	IOSR Journal of Engineering	2019	0	ACE, Malad	0
IOT messaging protocol	Jyothi Arun	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Study on Opinion Mining and Sentimental analysis	Jyothi Arun	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Passwordless Login Using Two Factor Authentication	Jyothi Arun	IOSR Journal of Engineering	2019	0	ACE, Malad	0
The Internet of NanoThings and Applications : A Survey	Pranoti Nage	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Visualization Analysis of 3D scientific data	Pranoti Nage	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Study on Opinion Mining and Sentimental analysis	Pranoti Nage	IOSR Journal of Engineering	2019	0	ACE, Malad	0
SURVEY ON DIGITAL TRANSFORMATION WITH RPA	Pranoti Nage	IOSR Journal of Engineering	2019	0	ACE, Malad	0
The Internet of	Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0

NanoThings and Applications : A Survey		g				
The Internet of NanoThings and Applications : A Survey	Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Visualization Analysis of 3D scientific data	Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Study: Deep Reinforcement Learning Overview Application	Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
SURVEY ON DIGITAL TRANSFORMATION WITH RPA	Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Android Based Application For Smartphone Addiction Control And Monitoring	Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Remote Voting System Using Biometrics	Priyanka Sharma	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Study on Opinion Mining and Sentimental analysis	Supriya Mandhare	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Design of Touchless Hand Gestures Recognition System	Supriya Mandhare	IOSR Journal of Engineering	2019	0	ACE, Malad	0
An Android	Supriya	IOSR	2019	0	ACE, Malad	0

Application for Protecting Personal Information Using fingerprint Encryption	Mandhare	Journal of Engineering				
Study: Deep Reinforcement Learning Overview Application	Supriya Mandhare	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Study: Deep Reinforcement Learning Overview Application	Snehal Kale	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Sentiment Analysis of Tweets Using Semantic Analysis	Snehal Kale	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Combating Shill Bidding in ECommerce Websites	Snehal Kale	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Enhanced Data Storage Security in Cloud Environment using Encryption, Compression and Splitting technique.	Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Website Protection and Analysis using Dedicated Security Tool	Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Bridge safety monitoring system	Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0

IOT messaging protocol	Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Study: Deep Reinforcement Learning Overview Application	Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0
SURVEY ON DIGITAL TRANSFORMATION WITH RPA	Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0
The Internet of NanoThings and Applications : A Survey	Nileema Pathak	IOSR Journal of Engineering	2019	0	ACE, Malad	0
Andriod application malware detection using machine learning	Sachin Gavhane	IOSR Journal of Engineering IOSR Journal of Engineering IOSR Journal of Engineering	2019	0	ACE, Malad	0
Sentiment Analysis of call center performance	Sachin Gavhane	IOSR Journal of Engineering IOSR Journal of Engineering IOSR Journal of Engineering	2019	0	ACE, Malad	0
AN ANDROID APPLICATION FOR PROTECTING PERSONAL INFORMATION USING FINGERPRINT ENCRYPTION	Snigdha Bangal	IOSR Journal of Engineering IOSR Journal of Engineering IOSR Journal of Engineering	2019	0	ACE, Malad	0
Plant Health Monitoring	Snigdha Bangal	IOSR Journal of Engineering	2019	0	ACE, Malad	0

System using Image Processing		gIOSR Journal of Engineering gIOSR Journal of Engineering				
Decentralized way of Identity Management using Blockchain Technology	Amruta Pokhare	IOSR Journal of Engineering gIOSR Journal of Engineering gIOSR	2019	0	ACE, Malad	0
WIFI Authentication Method Using Authcoin	Amruta Pokhare	IOSR Journal of Engineering gIOSR Journal of Engineering gIOSR	2019	0	ACE, Malad	0
Androeye for visually impaired people	Sowmyashree	IOSR Journal of Engineering gIOSR Journal of Engineering gIOSR	2019	0	ACE, Malad	0
IoT based automated security solution for women safety	Smita Krishna Patil	IOSR Journal of Engineering gIOSR Journal of Engineering gIOSR	2019	0	ACE, Malad	0
Recommender System for Smart Agriculture using IoT	Smita Krishna Patil	IOSR Journal of Engineering gIOSR Journal of Engineering gIOSR	2019	0	ACE, Malad	0
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Building Effective Association Amongst The Academia	Dr. S P Kallurkar	IOSR Journal of engineering	2018	9	0	Atharva college of engineering

World And Industry World						
Performance Improvement by Implementation of Kanban in Service Sector	Dr. S P Kallurkar	IOSR Journal of engineering	2018	9	0	Atharva college of engineering
Redesign of Gear Shifter Assembly for Indica Vista using Quality Function Deployment - A Case Study	Dr. S P Kallurkar	IOSR Journal of engineering	2018	9	0	Atharva college of engineering
Software configuration management	Rovina Dbritto	ISOR	2018	0	2	Atharva college of engineering
Comparative Study on Approaches of Data Masking	Chanda Chouhan	ISOR	2018	0	8	Atharva college of engineering
Smart Hospitals Using Internet Of Things	Supriya Mandhare	ISOR	2018	0	10	Atharva college of engineering
Hotel recommendation system	Samira Nigrel	IJIR	2018	0	3	Atharva college of engineering
Resume Ranker	Prof. Vaishali Salvi, Prof. Reena Mahe.	ISOR	2018	0	7	Atharva college of engineering
A Novel Architecture of Hybrid Wavelet Techniques Used by CBIR System for	Mamta Meena	2018 Fourth International Conference on Computing Communication	2019	2	0	Atharva college of engineering

Microsoft Azure Public Cloud Saas Model		Control and Automation (ICCUBEA),				
Lane datasets for lane detection	Shirke, Suvarna Pansambal	2019 International Conference on Communication and Signal Processing (ICCSP)	2019	2	0	Bharath Institute of Higher Education and Research, Chennai, India
ANDROID APP AS A COMMON PLATFORM FOR MULTIPLE TYPES OF DONATION	Prof. Shweta Sharma	IOSRJEN	2019	1	0	Atharva college of engineering
Android Application Development for Convenient Blood Donation	Prof. Shweta Sharma	IOSRJEN	2019	1	0	Atharva college of engineering
A METHOD TO CONTROL MOUSE MOVEMENT USING HAAR	Prof. Shweta Sharma	IOSRJEN	2019	1	0	Atharva college of engineering
Lighting Two Candles With One Flame: An Unaided Human Identification Protocol With Security Beyond Conventional Limit	Prof. Nida Parkar	IOSRJEN	2019	1	0	Atharva college of engineering
Automated Analysis Of Freeware Installers Promoted By Download Portal	Prof. Nida Parkar	IOSRJEN	2019	1	0	Atharva college of engineering

Intrusion Detection Algorithm Based on Convolution Neural Network	Prof. Nida Parkar	IOSRJEN	2019	1	0	Atharva college of engineering
Salient Schemes for Data Analysis	Prof. Nida Parkar	IOSRJEN	2019	1	0	Atharva college of engineering
Lighting Two Candles With One Flame: An Unaided Human Identification Protocol With Security Beyond Conventional Limit	Prof. Chandana Nighut	IOSRJEN	2019	1	0	Atharva college of engineering
Salient Schemes for Data Analysis	Prof. Chandana Nighut	IOSRJEN	2019	1	0	Atharva college of engineering
Survey on Advanced Databases	Prof. Tanvi Kapdi	IOSRJEN	2019	1	0	Atharva college of engineering
Thermal analysis of Polymer and nanoparticle dispersed Liquid Crystals mixtures	Dr. Jyoti Amare	IOSR Journal of engineering	2019	1	0	Atharva college of engineering
Studies on Polymer and nanoparticle dispersed Liquid Crystals Systems	Dr. Jyoti Amare	IOSR Journal of engineering	2019	1	0	Atharva college of engineering
Prediction of Software Reliability Using	Dr. Nidhi Gupta	IOSR Journal of engineering	2019	1	0	Atharva college of engineering

Neural Network and Fuzzy Logic						
Review Paper on the works of Dina Mehta, Caryl Churchill and Marsha Norman	Prof. Rajendra Mahajan	IOSR Journal of engineering	2019	1	0	Atharva college of engineering
Techniques to Improve Communication Skills of Engineering Students	Prof. Balaji Shinde	IOSR Journal of engineering	2019	1	0	Atharva college of engineering
The Transport Modeling Analysis Of Elliptical Effluence Versus Pseudorapidity Profile In High Energy Collision.	Prof. Abhilasha Saini	IOSR Journal of engineering	2019	2	0	Atharva college of engineering
A Review on Application of Nanotechnology	Prof. Abhilasha Saini	IOSR Journal of engineering	2019	2	0	Atharva college of engineering
Electromagnetic probes Direct Photon and dileptons in heavy ion collisions	Prof. Abhilasha Saini	IOSR Journal of engineering	2019	2	0	Atharva college of engineering
survey on wireless routing protocol (adv.dsr.dsdv)	Sejal D'mello	IJCT	2019	2	4	Atharva college of engineering
Most recent	Mahendra Patil	Journal of Engineering	2018	2	1	Atharva College of

document title: Effective integration of Elearning and social platform: An overview of the practice at ACE		g Education Transformations				Engineering
Effectiveness of Virtual Learning and ELearning in Engineering Education	Mahendra Patil	International Conference on Innovative and Advanced Technologies in Engineering, At Mumbai	2018	2	0	Atharva college of engineering
Effective Integration of ELearning and Social Platform: An Overview of the Practice at ACE	Mahendra Patil	Journal of Engineering Education Transformations	2018	2	1	Atharva college of engineering
Effect of Practicing Experiential Learning (Like Online Learning ICT) in Engineering Education	Mahendra Patil	Journal of Engineering Education Transformations	2018	2	2	Atharva college of engineering
Most recent document title: Effective integration of Elearning and social platform:	Amruta Mhatre	Journal of Engineering Education Transformations	2018	1	1	Atharva college of engineering

An overview of the practice at ACE						
Most recent document title: Effective integration of Elearning and social platform: An overview of the practice at ACE	Divya Kumawat	Journal of Engineering Education Transformations	2018	1	1	Atharva college of engineering
Most recent document title: Effective integration of Elearning and social platform: An overview of the practice at ACE	Ajeet Ghodeswar	Journal of Engineering Education Transformations	2018	1	1	Atharva college of engineering
Effect of Practicing Experiential Learning (Like Online Learning ICT) in Engineering Education	Mamta Meena	Journal of Engineering Education Transformations	2018	2	1	Atharva college of engineering
Product Rank Based Search Engine for ECommerce	Aruna Pavate	2018 3rd International Conference for Convergence in Technology (I2CT),pune	2018	1	0	Atharva college of engineering
Analysis	Aruna	Advances	2018	1	1	Atharva

of probabilistic models for influence ranking in social networks	Pavate	in Intelligent Systems and Computing book series (AISC, volume 810)				college of engineering
Performance of internal cluster validations measures for evolutionary clustering	Aruna Pavate	Advances in Intelligent Systems and Computing book series (AISC, volume 810)	2018	1	1	Atharva college of engineering
Early prediction of five major complications ascends in diabetes mellitus using fuzzy logic	Aruna Pavate	Advances in Intelligent Systems and Computing book series (AISC, volume 758)	2018	1	1	Atharva college of engineering
Review on Cloud Services: Office 365	Neha singh	STM journals	2018	1	0	Atharva college of engineering
<a href="#">View File</a>						

### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	122	6	2	6
Presented papers	304	0	0	0
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### 3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
school adoption	Advitya Special home	1	26

Van Mahotsav (Tree Plantation program)	Jeevdani temple, Virar	1	25
Celebration of Rose Day with Cancer patients	Dr.Borges Memorial Home	1	41
Seminar on waste management	Asia Affairs Delta Group Holdings	2	42
Flag Awareness	NSS Atharva	2	45
Seminar on Gandhian Thoughts	Gujarat Vidyapeeth	1	38
Crowd Management	NSS Atharva	1	35
Beach Cleanup Drive	Indian Development foundation	1	22
Indian Development foundation	NSS Atharva	1	43
Rally for Rivers	NSS Atharva	1	22
Organ Donation	NSS Atharva	1	29
University Event (Musical)	Mumbai university	1	30
University Event (Marathon)	Mumbai university	1	28
Kurar School	Mauli foundation	1	45
Motivation for Army	NSS Atharva	1	30
Personality Development1	NSS Atharva	1	45
Alert Mumbai	NSS Atharva	1	22
Blind Cricket Team	NSS Atharva	1	38
Traffic Policing	NSS Atharva	1	45
Donation Drive	NSS Atharva	1	40
Holi Awareness	NSS Atharva	1	41
River Rally	NSS Atharva	1	35
<a href="#">View File</a>			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Cloth distribution	Appreciation letter	Saakshar Welfare society	25
Beach clean up	Appreciation letter	Indian development foundation	30
School Adoption	Appreciation letter	Mauli foundation	45
World rose day celebration with cancer patients	Appreciation letter	DS Research centre	41
Special school	Appreciation letter	Mauli foundation	38

adoption

No file uploaded.

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat	NSS	CLEANING AND AWARENESS	2	50
KARGIL VIJAY	ATHARVA FOUNDATION	KARGIL VIJAY DIWAS	107	500
ARMY DAY	ATHARVA FOUNDATION	ARMY DAY	118	450
TRIBUTE TO MARTYRS	ATHARVA FOUNDATION	TRIBUTE TO MARTYRS 26/11	118	2000
ONE FOR ALL ALL FOR ONE	ATHARVA FOUNDATION	ONE FOR ALL ALL FOR ONE	118	2000
Alert mumbai	Nss atharva	Alert mumbai	1	100
Organ donation seminar	Nss atharva	Organ donation seminar	1	80

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### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Nil	Nil	Nil	0

No file uploaded.

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Technical	Internship	Inception X	12/06/2018	31/07/2019	1
Technical	Internship	Siemens india ltd	04/07/2018	03/08/2018	1
Technical	Internship	Internshala	20/06/2018	31/08/2018	1
Technical	Internship	SIEMENS	15/06/2019	13/07/2019	1
Technical	Internship	MAHATRANSCO	20/12/2018	02/01/2019	9
Technical	Internship	AUTomotive Industry Simulation	15/06/2018	22/06/2018	1
Technical	Internship	LE Electronics	20/06/2018	07/07/2018	4

		PVT LTD			
Technical	Internship	Prasar Bharati (All India Radio)	02/07/2018	07/07/2018	2
Technical	Internship	Robosync	18/06/2018	08/07/2019	2
Technical	Internship	Elthon	12/06/2018	12/07/2018	1
Technical	Internship	Quality Loggers Pvt.Ltd.	14/06/2018	14/07/2018	1
Technical	Internship	Aduvance	14/06/2018	14/07/2018	1
Technical	Internship	Amar Foundation	18/06/2018	24/07/2018	1
Technical	Internship	Western Railway	16/07/2018	31/07/2018	7
Technical	Internship	BSE	02/07/2018	31/08/2018	1
Technical	Internship	SIEMENS	12/08/2018	12/09/2018	1
Technical	Internship	BEST	17/12/2018	31/12/2018	4
Technical	Internship	FIDO Financial Services	20/12/2018	20/01/2019	1
Technical	Internship	L T Electrical Automation	24/12/2018	23/01/2019	1
Technical	Internship	Adani Electricity	10/01/2019	23/01/2019	1
Technical	Internship	CG power Industrial Solutions	17/12/2018	17/01/2019	1
Technical	Internship	Air India, engineering Services	01/01/2019	31/01/2019	9
Technical	Internship	Air India, engineering Services	02/01/2019	01/02/2019	4
Technical	Internship	Deltron Electricals	13/12/2018	30/12/2018	1
Technical	Internship	Felix Hyperstore Retail Pvt.Ltd.	25/12/2018	31/01/2019	1
Technical	Internship	Ezenith - Empowering Education	07/01/2019	13/01/2019	1
Technical	Internship	Ambiosys Labs Private Limited	01/03/2018	31/08/2018	1
Technical	Internship	STEK IT Education	03/09/2018	17/10/2018	2

Technical	Internship	peAR	05/07/2018	10/08/2018	1
Technical	Internship	GFI Informatique	06/06/2018	03/08/2018	1
Technical	Internship	Virtuoso Offshore (EOH)	11/06/2018	31/07/2018	1
Technical	Internship	KONNECTIONS	01/07/2018	31/08/2018	1
Technical	Internship	Indian Institute of Science, Bangalore.	13/06/2018	10/08/2018	1
Technical	Internship	Manifest	24/07/2018	30/08/2018	2
Technical	Internship	CMS IT services	04/06/2018	10/08/2018	1
Technical	Internship	Dytel Services	27/06/2018	28/07/2018	1
Technical	Internship	Ques10	10/07/2018	10/09/2018	1
Technical	Internship	UPSC FEVER	19/07/2018	30/08/2018	2
Technical	Internship	Guitar Bro Enterprises	01/06/2018	30/07/2018	1
Technical	Internship	Om Enterprises	13/08/2018	30/09/2018	2
Technical	Internship	Aegis Logistics	01/08/2018	31/08/2018	1
Technical	Internship	EOTO	11/06/2018	14/07/2018	1
Technical	Internship	ACG Associated Capsules Pvt. Ltd.	03/07/2018	03/08/2018	2
Technical	Internship	Superlative Gaming	15/06/2018	15/12/2018	2
Technical	Internship	We Design Code, Mumbai.	01/01/2019	31/03/2019	1
Technical	Internship	Olcademy	15/12/2018	15/06/2019	1
Technical	Internship	Ktv networks	01/02/2019	01/05/2019	1
Technical	Internship	AAHO TransIQ Technologies Pvt. Ltd.	17/01/2019	17/04/2019	1
Technical	Internship	Newtons Apple	01/02/2019	15/03/2019	1
Technical	Internship	Mission CompuSystems	01/02/2019	17/03/2019	1
Technical	Internship	UPSC Fever	04/01/2019	05/04/2019	1
Technical	Internship	Toppr	02/01/2019	24/04/2019	1
Technical	Internship	Navray Pvt Lmt	01/02/2019	30/04/2019	1

Technical	Internship	Mother Tree Media Pvt Ltd	11/03/2019	11/06/2019	1
Technical	Internship	RoboSync	28/12/2018	24/02/2019	1
Technical	Internship	Success Always Computers Pvt. Ltd.	13/12/2018	05/02/2019	1
Technical	Internship	Olcademy	22/11/2018	07/03/2019	1
Technical	Internship	GCO Technology Centre	01/01/2019	28/02/2019	2
Technical	Internship	Logitsecurity	28/01/2019	28/07/2019	1
Technical	Internship	Logitsecurity	29/01/2019	29/05/2019	1
Technical	Internship	Superlative Gaming	01/01/2019	30/06/2019	2
Technical	Internship	UPSCFever	10/12/2018	15/06/2019	3
Technical	Internship	GCO Technology Center Pvt Ltd	01/01/2019	27/02/2019	1
Technical	Internship	NPCIE	13/12/2018	11/01/2019	1
Technical	Internship	Kadamba Kanan	14/01/2019	15/02/2019	1
Technical	Internship	Welkin Holidays Pvt. Ltd	01/01/2019	30/06/2019	1
Technical	Internship	COGNITIO Solutions, Mumbai	10/05/2019	25/06/2019	1
Technical	Internship	Eduvance	11/06/2019	13/07/2019	1
Technical	Internship	Learning IT	01/07/2018	30/09/2018	1
Technical	Internship	UPSC Fever	15/01/2019	20/02/2019	1
Technical	Internship	Shah steel	14/01/2019	15/04/2019	1
Technical	Internship	Vinayak Soft Solutions	14/01/2019	15/04/2019	1
Technical	Internship	Cart Greek	07/01/2019	07/02/2019	1
Technical	Internship	SPIT	28/05/2019	29/06/2019	1
Technical	Internship	Addiction Bazaar	13/12/2018	11/01/2019	1
Technical	Internship	FFI on WERPINDIA PROJECT	25/07/2018	25/09/2018	1
Technical	Internship	Trivia Softwares	18/12/2018	18/01/2019	1

Technical	Internship	SVC Bank	20/12/2018	20/01/2019	1
Technical	Internship	COUTLOOT	24/12/2018	22/02/2019	1
Technical	Internship	Enlighten IT India	19/12/2018	18/01/2019	1
Technical	Internship	The sparks foundation	18/12/2018	27/02/2019	1
Technical	Internship	Viprem Medigineers Private Limited	20/12/2018	19/01/2019	2
Technical	Internship	logITsecurity	23/01/2019	23/02/2019	1
Technical	Internship	SIEMENS	13/12/2018	12/01/2019	3
Technical	Internship	SIEMENS	24/06/2019	25/07/2019	1
Technical	Internship	MAHATRANSCO	14/12/2018	24/12/2018	2
Technical	Internship	MAHATRANSCO	10/06/2019	10/07/2019	1
Technical	Internship	MAHATRANSCO	14/06/2019	04/07/2019	2
Technical	Internship	CENTRAL RAILWAY	17/12/2018	05/01/2019	6
Technical	Internship	TATA POWER	17/12/2018	29/12/2018	2
Technical	Internship	TATA POWER	03/06/2019	15/06/2019	1
Technical	Internship	BEST	11/06/2019	10/07/2019	10
Technical	Internship	BEST	10/06/2019	09/07/2019	5
Technical	Internship	BEST	20/06/2019	06/07/2019	2
Technical	Internship	BEST	17/12/2018	15/01/2019	1
Technical	Internship	MEMOX Technologies Pvt. Ltd.	05/06/2019	29/06/2019	1
Technical	Internship	ADANI ELECTRICITY	03/07/2019	18/07/2019	3
Technical	Internship	LARSEN TOUBRO	12/06/2019	12/07/2019	3
Technical	Internship	TECHNIP INDIA LIMITED	11/06/2019	22/07/2019	1
Technical	Internship	EMU CARSHED	17/06/2019	01/07/2019	1
Technical	Internship	OMTECH ELECTRICAL SOLUTIONS PVT. LTD.	14/06/2019	13/07/2019	2
Technical	Internship	L T ELECTRICAL AND AUTOMATION	12/06/2019	11/07/2019	1
Technical	Internship	POWER SYSTEM OPERATION CORPORATION	10/06/2019	10/07/2019	1

		LIMITED			
Technical	Internship	WESTERN RAILWAYS	15/06/2019	29/06/2019	1
Technical	Internship	WESTERN RAILWAYS	13/06/2019	27/06/2019	3
Technical	Internship	ROBOSYNC	28/12/2018	24/02/2019	1
Technical	Internship	Tata Power	17/12/2018	29/12/2018	2
Technical	Internship	BARC	14/12/2018	31/12/2018	1
Technical	Internship	Prasar Bharati	17/12/2018	31/12/2018	11
Technical	Internship	Central Railway	01/01/2019	30/01/2019	5
Technical	Internship	Air India	11/12/2018	03/01/2019	3
Technical	Internship	Reliance Industries	01/12/2018	31/01/2019	3
Technical	Internship	MSE Transmission	17/12/2018	05/01/2019	1
Technical	Internship	NPCIL	17/12/2018	29/12/2018	1
Technical	Internship	Airport Authority	08/01/2019	22/08/2019	1
Technical	Internship	BSNL	11/12/2018	29/12/2018	10
Technical	Internship	L and T	12/06/2019	12/07/2019	4
Technical	Internship	KALPESH INFOTECH	15/12/2018	31/12/2018	1
Technical	Internship	RCS	17/12/2018	05/01/2019	1
Technical	Internship	ROBOSYNC	01/01/2019	28/02/2019	2
Technical	Internship	PRECISION CUTTING SYSTEM	01/01/2019	28/02/2019	1
Technical	Internship	BUILD MY PROJECT	17/12/2018	05/01/2019	1
Technical	Internship	ELECTRICAL DOMESTIC APPLICATION	17/12/2018	05/01/2019	1
Technical	Internship	ELECTRO PLASMA EQUIPMENTS PVT LTD	17/12/2018	05/01/2019	1
Technical	Internship	KONNECTIONS INDIA	29/12/2018	29/01/2019	2
Technical	Internship	NEHARU SCIENCE CENTRE	19/12/2018	29/12/2018	1
Technical	Internship	TECH CRYPTOR	19/12/2018	29/12/2018	14
Technical	Internship	ELECTRO PLASMA EQUIPMENTS	17/12/2018	05/01/2019	1

		PVT LTD			
Technical	Internship	SIEMENS	13/12/2018	13/01/2019	4
Technical	Internship	ALL INDIA RADIO	01/01/2019	28/02/2019	6
Technical	Internship	Automation and control system	10/06/2019	11/07/2019	1
Technical	Internship	Sahu technology	15/06/2019	15/07/2019	2
Technical	Internship	ACG pvt Ltd.	05/06/2019	04/07/2019	1
Technical	Internship	StoreApp Technologies	12/06/2019	09/07/2019	3
Technical	Internship	Shree Electro power control	09/06/2019	23/06/2019	1
Technical	Internship	ONGC	21/05/2019	19/07/2019	2
Technical	Internship	Satellite Earth Station	24/06/2019	05/07/2019	2
Technical	Internship	A.I.R	10/06/2019	16/06/2019	5
Technical	Internship	Indian Railways	24/06/2019	29/06/2019	2
Technical	Internship	Science kidz	01/06/2019	29/06/2019	1
Technical	Internship	BEST	01/06/2019	15/06/2019	2
Technical	Internship	Shree Electro Power Control	09/06/2019	23/06/2019	3
Technical	Internship	Codezen Tech Solutions	17/07/2019	31/07/2019	1
Technical	Internship	BSNL	01/07/2019	07/07/2019	1
Technical	Internship	Larsen and Toubro	05/06/2019	09/07/2019	3
Technical	Internship	ApnaBookWala	01/07/2019	31/07/2019	3
Technical	Internship	Doordarshan	01/07/2019	07/07/2019	3
Technical	Internship	Navayuvak Entrepreneurs	04/07/2019	17/08/2019	1
Technical	Internship	SwapMs(futureScience)	07/06/2019	07/07/2019	1
Technical	Internship	IIEC Power Electronics Pvt Ltd	06/06/2019	10/07/2019	2
Technical	Internship	LE Electronics pvt. Ltd	26/06/2019	17/07/2019	1
Technical	Internship	Rao IIT	13/06/2019	31/07/2019	1

Technical	Internship	Indian Oil	03/06/2019	09/07/2019	1
Technical	Internship	Hindustan Petroleum Corporation Limited	11/06/2019	10/07/2019	1
Technical	Internship	Build My Project	03/06/2019	03/07/2019	1
Technical	Internship	Impetus Innovations Pvt. Ltd.	10/06/2019	10/07/2019	1
Technical	Internship	Mazagon dock shipbuilders limited	10/06/2019	12/07/2019	1
Technical	Internship	Swiggy Delivery Audits Internship	22/05/2019	22/06/2019	1
Technical	Internship	BOI	14/06/2019	14/07/2019	1
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Meritorium Knowledge Academy, Kharghar	05/02/2019	Provide internship opportunities for students and staff ,expert guidance	2000
Just Automation Pvt. Ltd., Thane	02/03/2019	Industrial Visit Seminar • expert guidance	1600
AVP Robotics Goregaon (West), Mumbai 400104	02/01/2019	To promote cooperation in application of IOT technologies and to built innovative solution for renewable energy • Exchange of academic/industry publications and reports • Training for faculty, staff and entrepreneurs development	2000
AVP Robotics Goregaon (West), Mumbai 400104 Multiplexer Labs PVT LTD, Borivali (w), Mumbai 95	24/01/2019	Provide internship opportunities for students and staff of • offer expert guidance from the industry in its projects	2000

RNR Info Labs Pvt. Ltd	04/02/2019	Internship and visit	1500
Eduvance, Santacruz, Mumbai	23/01/2019	Provide internship opportunities for students and staff • Support for research projects and innovation under Technology Business Incubation in fields	2000
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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
10500622	29021073

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
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### 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
MICM Library Management software	Partially	1.0.481	2004

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	12076	4700308	253	132040	12329	4832348
Reference	21454	7404639	50	76000	21504	7480639

Books						
e-Books	507	0	0	0	507	0
Journals	56	160464	1	1500	57	161964
e-Journals	0	0	0	0	0	0
Digital Database	7	2597012	7	1964602	14	4561614
CD & Video	3124	0	78	0	3202	0
Library Automation	1	13125	0	0	1	13125
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	2	138650	0	0	2	138650
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
MAHENDRA PATIL	Stack implementation using array	YOUTUBE	09/09/2018
MAHENDRA PATIL	Stack	YOUTUBE	25/08/2018
MAHENDRA PATIL	How to compile and run C program	YOUTUBE	27/09/2018
MAHENDRA PATIL	swap of two numbers using third variable	YOUTUBE	27/08/2018
MAHENDRA PATIL	C program to Reverse a number	YOUTUBE	03/09/2018
MAHENDRA PATIL	C Program to print pattern of stars	YOUTUBE	03/09/2018
MAHENDRA PATIL	Swapping of two numbers without using third variable	YOUTUBE	03/10/2018
MAHENDRA PATIL	Stack Implementation using array	YOUTUBE	09/09/2018
MAHENDRA PATIL	How to compile and run C program	YOUTUBE	27/08/2018
MAHENDRA PATIL	Swapping of two numbers without using third variable	YOUTUBE	03/10/2018
Mayur Gohil	Laplace Transforms	YOUTUBE	25/08/2018

Mayur Gohil	Laplace Transforms	YOUTUBE	09/09/2018
Mayur Gohil	Recurrence Relations	YOUTUBE	27/09/2018
Mayur Gohil	Bilinear Transformations	YOUTUBE	27/08/2018
Mayur Gohil	Bilinear Transformations	YOUTUBE	03/09/2018
Mayur Gohil	Bilinear Transformations	YOUTUBE	09/09/2018
Mayur Gohil	Set Theory	YOUTUBE	27/08/2018
Sachin Gavhane	Normalisation(DBMS)	YOUTUBE	05/03/2018
Sachin Gavhane	ICIATE2018 Report	YOUTUBE	14/04/2018
Sachin Gavhane	ICIATE2017 Report	YOUTUBE	06/03/2018
Sachin Gavhane	Enhancing your skill on Youtube	YOUTUBE	25/02/2018
Poonam Deshpande	Numerical Methods of Integration	YOUTUBE	20/02/2018
Amruta Pokhare	Computer Simulation and Modeling	YOUTUBE	06/03/2018
MAHENDRA PATIL	Minimum Spanning tree using Kruskals Algorithm	YOUTUBE	26/05/2019
MAHENDRA PATIL	Heap Sort	YOUTUBE	26/05/2019
Mayur Gohil	Laplace Transforms	YOUTUBE	26/05/2019
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#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	522	27	522	12	4	2	5	80	
Added								70	
Total	522	27	522	12	4	2	5	150	0

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

150 MBPS/ GBPS
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##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
WizIQ	<a href="https://www.youtube.com/playlist?list=PL7s0pY0hnY-QoluGDN39ofcc10zFWXZ5l">https://www.youtube.com/playlist?list=PL7s0pY0hnY-QoluGDN39ofcc10zFWXZ5l</a>

#### 4.4 – Maintenance of Campus Infrastructure

##### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary

component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
22153766	24369142	31155608	34271169

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Maintenance of resources a) Equipment and machine maintenance Some of the critical maintenance work are outsourced as per the outsourcing process defined in ISO manual. However regular monitoring and control is the responsibility of maintenance section. i. Records of equipments are maintained in stock registers as specified in Purchase Process ii. Equipment's / appliances are serviced periodically or as and when required iii. Equipment's like measuring devices are checked / calibrated during servicing iv. Servicing is done either by inhouse personnel or by external party or through annual maintenance contract (AMC) v. Record of servicing is maintained. vi. Records of AMC are maintained in AMC Register. b) General maintenance: i. Maintenance of A.C. plant is outsourced on AMC and Auditorium, cleaning and maintenance is done by internal staff member and one person from outside. ii. Cleanliness of toilet blocks and wash room have been done by the inhouse employees iii. Fire extinguisher is outsourced since refilling of the cylinder is done once in a year. iv. Maintenance of CCTV is done by the inhouse employee and is maintained in coordination through technical person of computer center Policy of the Library: Acquire and make available to all students and faculty of the college such as books, journals, magazines.. Maintain a program of service which locates information, and interprets material for students and faculty of various streams, and stimulates thinking and intellectual development in individuals of any age. Policy of the Laboratory: Develop an appreciation of the importance of Practical knowledge. Produce scientifically literate young adults. Teaching of the experimental method Supplementing the theoretical material covered in the lectures The training of an engineering students follow higherorder learning of the experimental method at the analysis. Policy of the Classroom: Entering the room: Enter quietly and politely Lining up: Stand up quietly, push in your chair, take all necessary items line up without touching others or talking Leaving the room: inform faculty where you are going not run or play in the hallways or restrooms. Beginning the day: Enter the room politely, lunch, turn in your homework, sit at your desk and read alone or do your work silently Policy for the Computers user: User should use any college computer or network facility with proper authorization. User shall knowingly endanger the security of any college computer or network facility, nor will fully interfere with others authorized computer usage. User shall connect any computer to any of the Universitys networks unless it meets technical and security standards set by the college. Policy for the sports complex using profane language during any and all practice sessions and games is absolutely prohibited. Fields may be closed due to inclement weather (lightning, excessive rain), problems with irrigation, poor drainage of fields, etc. Please help keep the Fields, and parking lots clean for all participants. Please dispose of waste items in the trash cans provided Vehicles and bikes are not permitted on Fields or grassy areas Maintenance of resources a) Equipment and machine maintenance Some of the critical maintenance work are outsourced as per the outsourcing process defined in ISO manual. However regular monitoring and control is the responsibility of maintenance section. i. Records of equipments are maintained in stock registers as specified in Purchase Process ii. Equipment's / appliances are serviced periodically or as and when required iii. Equipment's like measuring devices are checked / calibrated during servicing iv. Servicing is done either by

inhouse personnel or by external party or through annual maintenance contract (AMC) v. Record of servicing is maintained. vi. Records of AMC are maintained in AMC Register. b) General maintenance: i. Maintenance of A.C. plant is outsourced on AMC and Auditorium, cleaning and maintenance is done by internal staff member and one person from outside. ii. Cleanliness of toilet blocks and wash room have been done by the inhouse employees iii. Fire extinguisher is outsourced since refilling of the cylinder is done once in a year. iv. Maintenance of CCTV is done by the inhouse employee and is maintained in coordination through technical person of computer center

**Policy of the Library:** Acquire and make available to all students and faculty of the college such as books, journals, magazines.. Maintain a program of service which locates information, and interprets material for students and faculty of various streams, and stimulates thinking and intellectual development in individuals of any age.

**Policy of the Laboratory:** Develop an appreciation of the importance of Practical knowledge. Produce scientifically literate young adults. Teaching of the experimental method Supplementing the theoretical material covered in the lectures The training of an engineering students follow higherorder learning of the experimental method at the analysis.

**Policy of the Classroom:** Entering the room: Enter quietly and politely Lining up: Stand up quietly, push in your chair, take all necessary items line up without touching others or talking Leaving the room: inform faculty where you are going not run or play in the hallways or restrooms. Beginning the day: Enter the room politely, lunch, turn in your homework, sit at your desk and read alone or do your work silently

**Policy for the Computers user:** User should use any college computer or network facility with proper authorization. User shall knowingly endanger the security of any college computer or network facility, nor will fully interfere with others authorized computer usage. User shall connect any computer to any of the Universitys networks unless it meets technical and security standards set by the college.

**Policy for the sports complex** using profane language during any and all practice sessions and games is absolutely prohibited. Fields may be closed due to inclement weather (lightning, excessive rain), problems with irrigation, poor drainage of fields, etc. Please help keep the Fields, and parking lots clean for all participants. Please dispose of waste items in the trash cans provided Vehicles and bikes are not permitted on Fields or grassy areas

<http://www.atharvacoe.ac.in/wp-content/uploads/Proceduresandpolicies.pdf>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	NIL	0	0
Financial Support from Other Sources			
a) National	FREESHIP/SCHOLORSHI P	659	40706655.5
b)International	NIL	0	0

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved

Mock Personal Interview Sessions	16/08/2018	68	Depatmental Faculties with Tnp Coordinator
Aptitude Test Sessions on Online Mode on CN	14/07/2018	331	Dept TnP Coordinator [Prof Nilesh Gode]
Workshop on Industrial approach in Electronics	05/10/2018	58	Dept faculty with Coordinator {Prof.Mahalaxmi Palinje}
Seminar on RTL Design and Functional Verification	10/08/2018	35	Mr. Sivakumar , Maven Silicon semiconductor
Seminar on Fabrication testing of antenna using HFSS"	07/08/2018	45	UmeshPaldhikarKartikeyan , Entuple technologies
Seminar on Pre placement talk	19/09/2018	35	Session by TPO and Team
One Day Workshop "Basic Word Press Development"	08/01/2018	24	EOTO Media (Prashm Parik, Shivam Vahia)
Aptitude Test Sessions on Online Mode on CN	23/08/2018	120	TnP Coordinators (Prof. Ajeet Ghodeswar prof. Amruta Sankhe)
Spoken Tutorial (C, C, Java)	24/08/2018	310	Depatmental Faculties with Spoken Tutorial Coordinators
Mock Group Discussion Session	24/08/2018	80	Depatmental Faculties with TnP Coordinator
TnP Session on Soft Skills	28/08/2018	80	Seed infotech (Abhishek Koli) with TnP Coordinators
Mock Technical Interviews	31/08/2018	105	Depatmental Faculties with TnP Coordinator
Three days workshop on Basic Programming using Python	18/09/2018	65	FOSSEE, IIT Bombay
Remedial Classes (SE, DWM)	14/03/2019	7	Depatmental Faculties
Remedial Classes (CS, HMI)	15/03/2019	5	Depatmental Faculties
Workshop on Skill development program	22/02/2019	30	Session by TPO and Team

for corporate world			
Workshop on Skill development program for corporate world	27/02/2019	30	Session by TPO and Team
Seminar on Industrial Automation and Industry 4.0"	16/01/2019	16	Mr. Ramprasad SMEC, Automation Pvt. Ltd Ms. Eshita Shikhre CRG Engineer
Seminar on Need of Electronics in Industry	29/01/2019	40	Mr. Sanjay Chaudhary Director, Electronics Study centre, Nashik
Guest lecture on Exploring Project ideas	09/04/2019	43	Prof. Awab Fakhri Shaikh Anjuman Islam Kalsekar Technical Campus
Bridge Course	27/02/2019	25	ACE
Bridge Course	28/02/2019	25	ACE
SEPD	24/07/2019	34	HAS department
Personal Interview Session by Communication faculties from HAS Dept	30/08/2018	51	Departmental Faculty
Interview Skills	07/08/2018	78	Session by TPO and Team
Three days workshop on Basic Programming using Python	19/09/2018	65	FOSSEE, IIT Bombay
Three days workshop on Basic Programming using Python	21/09/2018	65	FOSSEE, IIT Bombay
Remedial Classes (DIS)	10/04/2018	5	Departmental Faculties
Remedial Classes (TCS, CN, DSP, AI)	10/05/2018	18	Departmental Faculties
C Language Programming Expert Lectures	29/08/2018	56	Departmental Faculties [Prof Priti Rumaok]
Quantitative Aptitude	19/07/2018	15	Prashant Chandanshive.
Quantitative Aptitude	19/07/2018	15	Prashant Chandanshive.
C Language Programming Expert Lectures	30/08/2018	49	Departmental Faculties [Prof Priti Rumaok]
JAVA Language Programming Expert	30/08/2018	51	Departmental Faculties [Prof

Lectures			Sinu Mathew]
JAVA Language Programmimg Expert Lectures	31/08/2018	49	Departmental Faculties [Prof Sinu Mathew]
IOT	18/08/2018	77	Mr. Prathamesh Satardekar (Systems Engineer, Eduvance), Mr. Paramashivam Konar (Training Assistant, Eduvance)
Cyber Crime	14/08/2018	71	Ms. Kritika Moyal (Information Security Engineer, Cyber Education amp Services, Quick Heal Technologies Ltd.,
Android App Development	08/10/2018	45	Mr. Kunal Jadhav (Sr. Software Developer, Mastek Pvt. Ltd.)
Entrepreneurship	25/09/2018	70	Mr. Pratik Upadhya (Founder Director, Programmatix Institute)
IOT	03/10/2018	58	Mr Dharmesh Koria, Pracko Technocratz
IOT	04/10/2018	58	Mr Dharmesh Koria, Pracko Technocratz
Language lab	09/07/2018	550	ALL DEPARTMENTS
SWOT ANALYSIS TRANING	18/07/2018	24	HAS
NEWSPAPER READING SESSION	08/08/2018	75	HAS
One Day Workshop on "Software Testing"	28/02/2019	35	Zubin Mehta (TCS, India)
<a href="#">View File</a>			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	COMPUTER ENGINEERING	25	64	14	76
2018	INFORMATION TECHNOLOGY	0	20	0	69

2018	ELECTRONICS ENGINEERING	26	61	23	18
2018	ELECTRONICS AND TELECOMMUNICATION ENGINEERING	32	115	0	46
2018	ELECTRICAL ENGINEERING GATE	2	2	2	21

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	30

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Accenture, Burns McDonnell, Endurance, Imarticus Learning, Media.Media.net, Bizotics, GTen Consultancy, GTen Consultancy Digital pvt ltd, Robokart.com, Accion Labs, Aniruddha Telemetry, Expenzing, Reliance, Infinite	1087	127	TCS, NSEIT, L T, Sankey, Indian Railways, Tata Communication, Hexaware, Extramarks, Cloudfronts, Zeus Learning, Wipro, Vistaar, India Mart, Quinnox A One Salasar, Cognizant, Ugam, Sutherland. Cognizant, ugam, Sutherland, ACS, Atos, T ranzact,, Brand	2354	131

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
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	higher education				
2018	7	BE	EXTC	Frankfurt [Germany] NIT Ireland Texas Irlington/ Ireland Griffit Australia DBS Irland University of maryland college park University of Toronto Canada	MS
2018	5	BE	ELEX	NYU Polytechnic School of Engg, SMU LYLE School of Engg, Old Dominion University, CDAC	M.S., MBA, CDAC
2018	13	BE	ELEC	Binghamton U niversity, Ne w Jersey Institute Of Technology, North Eastern University	MS
2018	6	BE	CMPN	Tandon school of Engineering 2. University of Texas at Dallas 3. Rutgers Business School Network and New Brunswick 4. Latrobe 5. University of Buffalo, N ewyork 6. University of Mumbai	M.S. (ME, MBA)
2019	6	BE	CMPN	Binghamton University Newyork 2. M anchester182	MS

4 (2) 3.  
Syracuse  
University  
4.  
University  
illinois at  
chicago 5.  
Stevens

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year  
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	62
GMAT	1
GRE	11
TOFEL	8

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Drama	Inter College	60
Dance	Inter College	60
Fashion	Inter College	60
Street Play	Inter College	40
Singing and Instrumentaion	Inter College	15
Inter Football	Inter College	110
Intra Rink Football	Intstitute	66
Intra Cricket	Intstitute	121
Intra Athletics	Intstitute	50
Intra Carrom	Intstitute	15
Intra Chess	Intstitute	10
Intra Table Tennis	Intstitute	10
Intra Volley Ball	Intstitute	84
Intra Throw Ball	Intstitute	42
Inter Kabaddi	Inter College	80

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### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Runnersup	National	1	0	0	AMEYA HUMANE

2018	Runners-up	National	1	0	0	AKASH METKARI
2018	SECOND	National	1	0	0	AKASH METKARI
2019	FIRST	National	1	0	0	OMKAR SAWALKAR
2019	FIRST	National	1	0	0	OMKAR SAWALKAR
2019	FIRST	National	1	0	0	AMEYA HUMANE
2019	FIRST	National	1	0	0	AKASH METKARI
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

As per the Rules and regulations Under provision of section 40(2)(b) of the Maharashtra Universities act, 1994 and guidelines were provided by Mumbai University, Atharva College has formed the Student Council. The basic objective is To provide a platform for active participation of students in academic and administrative bodies and involve them in curricular, co curricular and extracurricular activities to enhance their interpersonal relations, leadership and managerial skills, individual and team work and overall personality development. Advantages of student council The academic schedule of the entire year for the Student Council starts with the Republic day celebration where we host the entire flag hoisting program. The Student council in consultation with the HODs prepare Academic calendar for the both the semesters. In the month of February, we have the convocation ceremony which is entirely conducted by the student council body. The Induction ceremony for the F.E students and S.E diploma students conducted with the help of faculty to provide details of college infrastructure, events, activities and committee, etc. As we have Technical festival IEEE TECHITHON in the odd semester, The Student council planned the entire event. we have our biggest festival of the year Ganesho utsav i.e Atharvacha Raja where we welcome our beloved bappa in our very own campus for 7 days. Council also plan and schedule the Industrial Visits for the entire Engineering Departments i.e from F.E to B.E. with faculty members. Student's councils celebrate Engineers day, Teachers day, womans day and also involved in the celebration of Independence day and Republic day etc. Under the banner of NSS, and Atharva foundation Swacha bhara abhiyan, Street plays, Road safety, Blood donation, free health check up activities, one for all all for one are conducted. IQAC and students council organised Innovation Mela, Atharva Hackathon, eweek for students development. In the month of May Council organised Farewell for our beloved B.E students who have their last few days in college. Students Council helps to manage the resources at International Conference organised by college. Rhythm The Annual cultural festival of the Atharva is one of the best attraction. During Rhythm, the first day starts with the Marathon with a social cause followed by Night events each day like Dance, Fashion, War of bands, Drama, Prom, and Dj night wherein different colleges compete among each other, along with other Lan events, Fun events, Day events, etc. The entire Festival is solely organised by the Student council. As soon as the Festival ends, we have our Sports Week for 5 days with 2 inter college and 3 intercollegiate days held at Poisar Gymkhana. Students Council planned sports activities to give exposure to the students Students council started Paradigm of life, It is is a platform, where students develop their soft skills and professional manners and etiquette.

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

3834

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

8

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Academic Performance Monitoring Committee (APMC) APMC is headed by Chairman who is the Principal of the institute. Other members of the committee are VP Academics, H.O.D.'s, and Academic Coordinator, Class In charges. • APMC monitors the teaching learning process. It prepares the academic calendar of the institute which is a reflection of University's academic calendar that includes curricular, cocurricular and extracurricular activities. • Academic calendar is meticulously planned and prepared in advance by VicePrincipal Academics along with Academic Coordinator and ensures the proper implementation of the academic calendar. • APMC does lab and course file audit before commencement of semester and in the middle of semester, random confirmation of attendance once in a month, takes action on defaulter student and faculty and gives feedback to Principal. • Class In charge conducts average, weak and advance learner activity at class level and gives feedback to department APMC. The inputs received from various stakeholders of the institute are reviewed and those which are in line with our institute's Vision and Mission Statements are considered by the APMC for the decision making. 2. Organization of International Conference The academic committee convened the meeting of faculty members and student representatives to decide the planning and implementation of International Conference. The proposal for the conference was submitted to the Management for the approval of budget. Once accepted, the various committees have been constituted: 1) Brochure Preparation, Invitation Acceptance of Papers Committee: involves preparing brochure and sending the invitation to the research scholar, faculty members and institute for participation in the International conference and sending them a through email. 2) Papers Reviewing Printing Distribution of the conference proceedings committee: reviews the research papers and approves them. It also involved Printing of conference proceedings, Brochure, banner, poster, certificates any other print material and distribution of conference proceeding. 3) Registration Kit Committee: maintained the records of registration, operating registration desk, maintaining record of total registered participants kit inventory. 4) Guest Speaker Invitation and escorting Committee: have given autonomy in selecting the guest speaker from relevant sector for the conference. The student's volunteers have been given a task of escorting the guest and providing the hospitality in the conference. 5) Stage Seating Arrangement Committee Aesthetics/Ambience Management Decoration: All nonteaching staff along with the faculty members has actively participated in preparation of

conference stage, technical arrangement, purchase of necessary material, plan seating arrangement, display of banner, felicitation of the guest, maintaining the overall discipline, management of aesthetics and overall ambience of the conference. 6) Hospitality and catering committee: involves teaching and nonteaching staff for deciding the menubreakfast and lunch for the conference and preparing and sanctioning the budget and providing hospitality services. 7) Report Photographs Committee: plays vital role for capturing the moments of the event. Hence, all the teaching and nonteaching staff including student are the part and participle of the event. So, while executing the event, institute practices decentralization and participative management.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Teaching and Learning	<p>Students are the most important stakeholders of the Institute. At our Institute, all efforts are being taken to groom them as social engineers. Following major points highlights the same: Tutorials are conducted which include proactive teaching learning methods. Multimedia teaching aids like animated videos, demo videos, TheCN, Online Teaching through WizIQ and PPT's are incorporated in the daytoday teaching process enhance the students understanding of the subject. Guest lectures by experts from the industry and addon courses are organized by the respective departments, to cover content beyond syllabus. A Language laboratory has been established for students to improve their English proficiency. Soft skills training slots were incorporated in the weekly timetable, where experts, guided the students regarding presentation and communication skills. Intercollegiate events are organized to bring out the potential of the students for eg Innovation Mela in which faculty members groom and guide the students to come up with innovative ideas and to build entrepreneurship skills in them. Industrial visits and technical courses are arranged throughout the year to give handson experience to students. WiFi facility is available in the campus to allow students to access technical resources. The college central library is well equipped with technical magazines, journals and NPTEL lecture videos. Memorandum of Understanding (MoU) are signed with</p>

leading industries to bridge the gap in the curriculum. The institution provides platform for innovation and research in the form of various INNOVATIVE labs like Ground station , Imac lab , Innovation lab , Robotics center, Fab lab , IoT lab , Remote embedded lab etc.

Examination and Evaluation

The Officer In Charge of the Examination Cell of the Institute has prepared an Instruction Manual as per the guidelines of the Controller of Examination of Mumbai University to conduct of examinations and copies are available to all departments. During the Induction program the newly admitted students are updated about the attendance requirements as well as the pass mark requirements and the grading systems for the internal assessments. Whenever the students are in doubt, they are encouraged to clarify them by discussing with the teachers/principal. The evaluation processes are automated through intranet facilities. The faculty enters attendance and marks of the students periodically. The institution also uses learning management system such as MOODLE and TheCN for evaluation of student's assignments, experiments and quizzes etc. The credit system for each course is introduced for UG degrees. The Institute appoints examiners for the practical examinations and viva voce examinations as per the University directives The Institute sends its faculty members as examiners to evaluate semester answer scripts to the affiliating University. Effective implementation of evaluation reform of the university are strictly followed and those initiated by its own are ensured by the institution by strict compliance of process and procedure devised/ suggested by the university in order to follow the continuous evaluation system. The Institute has taken following measures for the effective implementation of the evaluation reforms introduced by the University: The Institute has exam coordinators from each department for smooth conduction of the examination. The examination committee meets periodically to discuss all the examination related matters. At Institute level, effective

implementation of tutorial and midsem test takes place and results are declared within eight days. The students can see their evaluated answer sheets and discuss the same with concerned faculty. Final year term work is jointly evaluated by internal and external examiners. For smooth conduction of University theory examination, an internal squad comprising of senior faculty members is appointed.

Teaching and Learning

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Research and Development

Faculty members are involved in pursuing their individual research work and publishing their findings in national and international journals /conferences. Guiding student research: Many faculty members are involved in guiding the students (UG) for their research activities through major projects. Leading Research Projects: Some of the faculty members are leading research teams of students in their select research area of their interest. Our institution have iCell which is recognised by MHRD. Under this iCell, to foster the culture of Innovation and Research, the members organised Innovation Mela in March, 2019 where various Business Models and Ideas were presented in front of investors. Funds: faculty members got funds for minor projects from funding agencies

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Library, ICT and Physical Infrastructure / Instrumentation

TOTAL NO. OF BOOKS : 33,833 NATIONAL JOURNALS : 57 ONLINE JOURNALS (As per AICTE consortium) 1) IEEE 2) Springer 3) subject collection 3) McGraw Hill - General engineering and reference 4) JGate JGATE engineering and technology(JET) 5) Elsevier - Science direct 6) ASTM Digital Library Online version - Online dictionary of

engineering science and technology 7) National Digital Library KNOWLEDGE CENTER MEMBERSHIP :(Annual membership) 1) Central Library, Indian Institute of Technology, Bombay (IIT,Mumbai) 2) Automotive Research Association of India Knowledge Centre MAGAZINES : 7 TOTAL COST OF BOOKS : 123.85 LAKHS TOTAL COST OF SUBSCRIPTION FOR JOURNALS : 21,47,696 LAKHS (Per year) The institute is optimistic as far as the infrastructural upgradation is concerned. The college intends to upgrade the PCs with latest configuration available. The Institute intends to replace the non functional parts with new parts. Nonworking computer hardware components are used as models to demonstrate in the practical classes.

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Curriculum Development

Faculty members regularly attend course orientation programmes organised by university, workshops and seminars on revision of curriculum. The Institute forwards the suggestion of its faculty to the University through the members of Board of studies. The design and development of the curriculum is the

responsibility of the University. Institute deputed the faculty for attending curriculum development workshops organized by the University. The institution takes part in the curriculum development process through appropriate analysis of feedback given by various stakeholders from time to time and assimilates the suggestions in the functional style of the institution. The institution takes a 360 degree feedback from students in which feedback of University Syllabus is also taken. Students also take part in organizing the workshops and seminars in the institution.

Human Resource Management

The Institute takes care of its human resources. Employees are given utmost importance and their needs are well recognized. Service rules are made transparent and the staff gets benefits such as Provident Fund, Group Insurance Scheme etc. The faculty and staff are entitled to other benefits like casual leave, maternity leave, medical leave, earned leave and vacation according to rules laid down in the statutes of MU. The Institute frequently arranges training Programmes and also deputed the staff to other organizations for attending such Programmes for acquiring balanced skills (technical skills, teaching skills, soft skills). The Institute has a welldefined and effective selection procedure, systematic performance appraisal system and promotion policies.

Admission of Students

The Institute follows all the rules and norms laid down by DTE, Government of Maharashtra regarding admission of students in the reservation criteria. It offers seats to SC/ST, OBC, women, economically weak students (TFWS Tuition Fee Waiver Scheme) as per the government norms, rules and regulations. There is a special quota for the candidates of Jammu and Kashmir as per DTE norms.

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6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	Development of egovernance system for making the system digitized
Finance and Accounts	Tally Solutions
Student Admission and Support	MICM Net Solutions
Examination	Khushi Software

Planning and Development	Development of egovernance system for making the system digitized
Finance and Accounts	Tally Solutions
Student Admission and Support	MICM Net Solutions
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### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	nil	nil	nil	0
2019	nil	nil	nil	0
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Mumbai University Orientation Program on Soft Computing	NIL	05/07/2019	05/07/2019	15	1
2018	Seminar on NBA Review and Accreditation Preparation	NIL	22/10/2018	22/10/2018	30	6
2019	Organised Orientation of Microwave Subject of sem 7 EXTC in ACE as per university guideline	NIL	05/07/2019	05/07/2019	23	2
2018	NIL	LIFE SKILLS FOR CAREER ADVANCEMENT	07/03/2019	07/03/2019	5	49
2019	Mumbai University	NIL	05/07/2019	05/07/2019	15	1

	Orientation Program on Soft Computing					
2018	Seminar on NBA Review and Accreditation Preparation	NIL	22/10/2018	22/10/2018	30	6
2019	Organised Orientation of Microwave Subject of sem 7 EXTC in ACE as per university guideline	NIL	05/07/2019	05/07/2019	23	2
No file uploaded.						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Advances in Machine Learning and Visual Analytics for Forensic Security Applications	1	10/12/2018	14/12/2018	5
Neural Networks and Deep Learning	1	07/09/2018	07/09/2018	1
Orientation on Wireless Networks	1	10/01/2019	10/01/2019	1
NPTEL FDP on Outcome based pedagogic principals for Effective Teaching	1	20/07/2018	20/07/2019	60
NPTEL FDP on Introduction to IOT	2	30/07/2018	05/10/2018	60
Two days FDP on Game Development	1	20/01/2019	25/01/2019	6

IOT	3	03/10/2018	04/10/2018	2
Advancement of Data Analytics	1	02/07/2018	07/07/2018	6
Mobile App Development	1	24/06/2019	28/06/2019	4
Two weeks STTP on Transformational Ladder to Digitize India	1	25/06/2018	06/07/2018	13
Orientation on Software Engineering and Project Management	1	11/01/2019	11/01/2019	1
NPTEL FDP on Switching circuits	1	30/07/2019	05/10/2019	60
AICTE sponsored One week STTP on Front End VLSI design and verification	2	24/06/2018	29/06/2018	6
FDP ON FE STUDENTS INDUCTION	2	06/06/2019	08/06/2019	3
Orientation of Database management system	1	18/01/2019	18/01/2019	1
Orientation of Optical Communication	1	09/07/2019	09/07/2019	1
AICTE sponsored FDP (FDP 101x) Foundation Program in ICT for Education.	4	01/08/2018	27/10/2018	90
NPTEL AICTE FDP on CMOS Digital VLSI design	1	01/02/2019	30/04/2019	90
AICTE sponsored FDP (FDP 201x) Blended Learning	5	01/11/2018	07/01/2019	56
NPTEL AICTE FDP on Engineering ethics	1	01/02/2019	30/04/2019	90
NPTEL AICTE FDP EVOLUTION OF AIR INTYERFACE TOWARDS 5G	1	01/02/2019	30/04/2019	56

NPTEL AICTE FDP on 5G Technology in Wireless Comm	1	01/08/2018	31/10/2018	56
NPTEL AICTE FDP on Stress Management	5	01/08/2018	31/10/2018	56
NPTEL AICTE FDP on Service marketing a practical approach	1	01/02/2019	30/04/2019	56
AICTE FDP approved NPTEL Certification Course on technical english for engineers	2	30/07/2018	20/09/2019	56
Attended orientation of power Electronics of Sem 7, ETRX	1	09/07/2019	09/07/2019	1
Foundation program in ICT for Education	1	13/09/2018	18/10/2018	30
Pedagogy for online and blender Teaching Learning process	16	30/10/2018	13/12/2018	30
AICTE FDP approved NPTEL Certification Course on Outcome Based Pedagogy	1	01/01/2019	30/06/2019	30
. FDP on HANDON TRAINING OF PBL	1	29/06/2019	30/06/2019	1
AICTE FDP approved NPTEL Certification Course on Out come based Pedagogy	2	01/08/2019	31/10/2019	30
Faculty Enablement Program InfyTQ based Foundation Program	1	06/05/2019	13/05/2019	8

Foundation Program in ICT for Education(FDP 101x)	8	13/09/2018	18/10/2018	30
Orientation Program of Advanced Operating System	1	17/07/2018	17/07/2018	1
Orientation Program of Microprocessor	1	18/07/2018	18/07/2018	1
Orientation Program of System Programming Compiler Construction	1	09/01/2019	09/01/2019	1
Orientation program of Cryptography and System Security	1	07/07/2018	07/07/2018	1
Orientation Program of Software Engineering	1	11/01/2019	11/01/2019	1
Orientation programme on Machine Learning	1	10/01/2019	10/01/2019	1
orientation program on ERP	1	09/01/2019	09/01/2019	1
Short term course on Introduction to Programming: A Pedagogical Approach	1	17/06/2019	21/06/2019	5
Two day FDP on Effective teaching pedagogies utilization and Measurement	6	17/09/2018	18/09/2018	2
one day workshop on Digital Transformat in Teaching	3	26/03/2019	26/03/2019	1
one day workshop on	3	26/03/2019	26/03/2019	1

Digital Transformat in Teaching				
NPTEL FDP on Introduction to Research	1	01/08/2018	30/09/2018	60
NPTEL FDP on Introduction to Research	1	01/08/2018	30/09/2018	60
Orientation programme on Machine Learning	1	10/01/2019	10/01/2019	1
Orientation programme on Machine Learning	1	10/01/2019	10/01/2019	1
Artificial Intelligence and deep learning	1	21/07/2018	23/07/2018	3
NPTEL Stress management FDP	1	01/07/2018	30/09/2019	56
1 day L T Madh campus training on Power Electronics	1	18/03/2018	18/03/2018	1
AICTE sponsored FDP (FDP 101x)Foundation Program in ICT for Education	1	13/09/2018	18/10/2018	30
Nptel FDP on educational leadership with elite certificate	1	26/07/2018	17/09/2018	56
AICTE FDP approved NPTEL Certification Course on Introduction to basic sopken sanskrit course	1	01/07/2018	31/12/2018	90
AICTE FDP approved NPTEL Certification Course on Digital Electronics	1	01/07/2018	31/12/2018	90
AICTE FDP approved NPTEL Certification	2	01/01/2019	30/06/2019	90

Course on Teaching and Learning in Engineering				
AICTE ISTE STTP on Recent trends in wireless networks	1	02/01/2019	07/01/2019	6
AICTE ISTE STTP on transformational to digitise india	2	02/07/2019	06/07/2019	5
AICTE FDP approved NPTEL Certification Course on Machine Learning	1	01/01/2019	30/06/2019	90
FDP101X (IIT Mumbai)	9	01/08/2018	27/10/2018	90
FDP 201X (IIT Mumbai)	9	01/11/2018	07/01/2019	56
Leadership	1	01/08/2018	30/09/2018	60
NPTEL Stress management FDP	1	01/07/2018	30/09/2019	56
1 day L T Madh campus training on Power Electronics	1	18/03/2018	18/03/2018	1
AICTE sponsored FDP (FDP 101x) Foundation Program in ICT for Education	1	13/09/2018	18/10/2018	30
Nptel FDP on educational leadership with elite certificate	1	26/07/2018	17/09/2018	56
AICTE FDP approved NPTEL Certification Course on Introduction to basic spoken sanskrit course	1	01/07/2018	31/12/2018	90
AICTE FDP approved NPTEL Certification Course on Digital Electronics	1	01/07/2018	31/12/2018	90

AICTE FDP approved NPTEL Certification Course on Teaching and Learning in Engineering	2	01/01/2019	30/06/2019	90
AICTE ISTE STTP on Recent trends in wireless networks	1	02/01/2019	07/01/2019	6
AICTE ISTE STTP on transformational to digitise india	2	02/07/2019	06/07/2019	5
AICTE FDP approved NPTEL Certification Course on Machine Learning	1	01/01/2019	30/06/2019	90
FDP101X (IIT Mumbai)	9	01/08/2018	27/10/2018	90
FDP 201X (IIT Mumbai)	9	01/11/2018	07/01/2019	56
Leadership	1	01/08/2018	30/09/2018	60
Foundation program in ICT for Education	1	13/09/2018	18/10/2018	30
Pedagogy for online and blender Teaching Learning process	16	30/10/2018	13/12/2018	30
AICTE FDP approved NPTEL Certification Course on Outcome Based Pedagogy	1	01/01/2019	30/06/2019	30
. FDP on HANDON TRAINING OF PBL	1	29/06/2019	30/06/2019	1
AICTE FDP approved NPTEL Certification Course on Outcome based Pedagogy	2	01/08/2019	31/10/2019	30
Faculty Enablement Program InfyTQ	1	06/05/2019	13/05/2019	8

based Foundation Program				
Foundation Program in ICT for Education(FDP 101x)	8	13/09/2018	18/10/2018	30
Orientation Program of Advanced Operating System	1	17/07/2018	17/07/2018	1
Orientation Program of Microprocessor	1	18/07/2018	18/07/2018	1
Orientation Program of System Programming Compiler Construction	1	09/01/2019	09/01/2019	1
Orientation program of Cryptography and System Security	1	07/07/2018	07/07/2018	1
Orientation Program of Software Engineering	1	11/01/2019	11/01/2019	1
Orientation programme on Machine Learning	1	10/01/2019	10/01/2019	1
orientation program on ERP	1	09/01/2019	09/01/2019	1
Short term course on Introduction to Programming: A Pedagogical Approach	1	17/06/2019	21/06/2019	5
Two day FDP on Effective teaching pedagogies utilization and Measurement	6	17/09/2018	18/09/2018	2
Artificial Intelligence and deep learning	1	21/07/2018	23/07/2018	3

Advances in Machine Learning and Visual Analytics for Forensic Security Applications	1	10/12/2018	14/12/2018	5
Neural Networks and Deep Learning	1	07/09/2018	07/09/2018	1
Orientation on Wireless Networks	1	10/01/2019	10/01/2019	1
NPTEL FDP on Outcome based padagogic principals for Effective Teaching	1	20/07/2018	20/07/2019	60
NPTEL FDP on Introduction to IOT	2	30/07/2018	05/10/2018	60
Two days FDP on Game Development	1	20/01/2019	25/01/2019	6
IOT	3	03/10/2018	04/10/2018	2
Advancement of Data Analytics	1	02/07/2018	07/07/2018	6
Mobile App Development	1	24/06/2019	28/06/2019	4
Two weeks STTP on Transformati onal Ladder to Digitize India	1	25/06/2018	06/07/2018	13
Orientation on Software Engineering and Project Management	1	11/01/2019	11/01/2019	1
NPTEL FDP on Switching circuits	1	30/07/2019	05/10/2019	60
AICTE sponsored One week STTP on Front End VLSI design and verification	2	24/06/2018	29/06/2018	6
FDP ON FE STUDENTS INDUCTION	2	06/06/2019	08/06/2019	3

Orientation of Database management system	1	18/01/2019	18/01/2019	1
Orientation of Optical Communication	1	09/07/2019	09/07/2019	1
AICTE sponsored FDP (FDP 101x) Foundation Program in ICT for Education.	4	01/08/2018	27/10/2018	90
NPTEL AICTE FDP on CMOS Digital VLSI design	1	01/02/2019	30/04/2019	90
AICTE sponsored FDP (FDP 201x) Blended Learning	5	01/11/2018	07/01/2019	56
NPTEL AICTE FDP on Engineering ethics	1	01/02/2019	30/04/2019	90
NPTEL AICTE FDP EVOLUTION OF AIR INTYERFACE TOWARDS 5G	1	01/02/2019	30/04/2019	56
NPTEL AICTE FDP on 5G Technology in Wireless Comm	1	01/08/2018	31/10/2018	56
NPTEL AICTE FDP on Stress Management	5	01/08/2018	31/10/2018	56
NPTEL AICTE FDP on Service marketing a practical approach	1	01/02/2019	30/04/2019	56
AICTE FDP approved NPTEL Certification Course on technical english for engineers	2	30/07/2018	20/09/2019	56
Attended orientation of power Electronics of Sem 7, ETRX	1	09/07/2019	09/07/2019	1
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
51	67	7	77

#### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medical Insurance, Sick Leaves, Maternity Leaves, casual leaves, Vacations (summer and winter), Provident Fund,,	Medical Insurance, Sick Leaves, Maternity Leaves, casual leaves, Provident Fund,	, students group insurance,, Sponsorship for technical, cultural and sports activities

### 6.4 – Financial Management and Resource Mobilization

#### 6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal audit is carried by CFO Balchandra Akut. The accounts of the College are audited regularly as per the Government rules .The internal auditor checks receipts with fee receipts and payments with vouchers and the necessary supporting documents. He/She also ensures that all payments are duly authorized. The external audit is carried out by C.A. Surendra Shetty from S.K. Shetty CO. in accordance with the standard on auditing issued by the Institute of Chartered Accountants of India every year. The external auditor conducts statutory audit at the end of the financial year. The report of the external auditor for the last two years along with audited Balance Sheet and Income and Expenditure account is enclosed. The last external audit has been completed in June, 2017 for the session 201617. Audit work for the session 201718, 201617, 201516, 201415, 201314 and 201213 is also performed by the same auditor. According to audit report the Balance Sheets, Statements of Income and Expenditure comply with the accounting standards, generally accepted in india. Academic Audit External Agency Global Geotak, LIC , internal Agency IQAC Administrative External Agency Account Audit (C.A. Surendra Shetty from S.K. Shetty CO.), Internal Account Audit (CFO Balchandra Akut)

#### 6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Vanmat technologies private limited	63000	Consultancy in guidance of projects and internships for students and faculty members
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#### 6.4.3 – Total corpus fund generated

43340000

### 6.5 – Internal Quality Assurance System

#### 6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Global Geotak, LIC	Yes	IQAC
Administrative	Yes	C.A. Surendra	Yes	CFO Balchandra

Shetty from  
S.K. Shetty  
CO.)

Akut

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1.PTM(Parents teacher meeting ) is conducted once / twice in a semester by each department . 2.Mentors submit a progress report to the parents and involve in one to one communication. 3.Feedback for the institute and other academic activities is taken from the parents.

6.5.3 – Development programmes for support staff (at least three)

1. IQAC has organized one day Development /Training program on "Life Skill for Career Advancement" on 17th Jan 2019 from 2:00 pm to 6:00pm for support staff. The session was conducted by Dr. S .P. Kallurkar , Trustee, Institute for Studies in Vedic Sciences, Shivpuri, Akkalkot. Dist. Solapur. Dr. Kallurkar has enlighten staff on importance of life skill on career advancement. The session was knowledgeable and stress releasing. The development /Training program was attended by the 49 support staff. The session will really help them in molding their career for betterment. 2.Organized Development programme for Support staff for providing the knowledge of various government schemes. 3. Training session was conducted on Smart use of Internet and Msoffice for all support staff.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Smart India Hackathon Participation Atharva College of Engineering third time consecutively got selected for the 36 hours National Level Technical innovative project Competition Smart India Hackathon2019 by providing innovative ideas to several companies like Infosys, Cognizant, Yamaha, TVS Motors etc. Which held at different nodal centres located in Noida, Coimbatore, Calicut, Tiruchirapalli and Suratkal? This time from Atharva College of Engineering, total 5 teams got selected for the grand finale event of Smart India Hackathon2019 out of which 2 teams won the competition under complex problem Statement of rupees one lack each as a wining prize. 2.STAFF TRAINING CENTRE (STC), ACE:The STC organizes various FDPs for growth and development of faculty members, to provide an excellent platform to faculty members from various disciplines in developing competence and understanding recent advances in research, to discuss and build an ecosystem for improving quality of engineering education with external faculty experts from Industry and Academia. 3.Innovation Mela 2019: Atharva College of Engineering successfully organized "Innovation Mela" on 14th March, 2019. The program was a grand success under the guidance of Hon'ble Shri Sunil Rane sir, Executive President of Atharva Group of Institutes, Dr. Pravin Nemade sir, Director of Atharva College of Engineering and Dr. Shrikant Kallurkar sir, Principal of Atharva College of Engineering. The event was appreciated by prominent dignitaries Mr. Sanjay Jotwani(Director, Cognitio Knowledge), Mr. Ashok Sharma(Director, Business Development amp HR, Innovationext), Mr. Suvendu Prusty (Founder Director and Principal officer at Riskcovry) and Mr. Shailendra singh(Asst. Director MSME, Govt. of India). A commendable participation of more than 120 participants was observed. The event displayed an exemplary set of innovative ideas through 28 business models and 19 posters, which covered various domains like AR/VR, IOT, Embedded systems, Solar enabled based, Image Processing, Machine Learning, Fashion Technology and many more. 4. IUCEE SCALE Regional Student Workshop (RSW) on quot21st Century Grand Challengesquot on 27th to 29th Sep 2018 in ACE The Aim of the Workshop was to spur us students into thinking and focusing on how we could work together and accelerate the process of improving the quality of engineering education and research in India.

## 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	Yes
d) NBA or any other quality audit	No

## 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Workshop On Quantitative Aptitude	19/07/2018	19/07/2018	20/07/2018	40
2018	FE Induction Program	01/08/2018	01/08/2018	01/08/2018	400
2018	IEEE Techithon	04/10/2018	04/10/2018	10/10/2018	200
2018	Effective Teaching Pedagogies Utilization and Measurement"	17/09/2018	17/09/2018	18/09/2018	50
2018	Workshop on Introduction to Programming	25/09/2018	25/09/2018	25/09/2018	70
2018	workshop on 21st Century Grand Challenges	27/09/2018	27/09/2018	29/09/2018	90
2019	Life Skill for Career Advancement	17/01/2019	17/01/2019	17/01/2019	49
2019	"Teaching Learning Process"	18/01/2019	18/01/2019	18/01/2019	90
2019	Workshop on Game Development	23/01/2019	23/01/2019	24/01/2019	60
2018	Workshop On Quantitative Aptitude	19/07/2018	19/07/2018	20/07/2018	40
2018	FE Induction Program	01/08/2018	01/08/2018	01/08/2018	400
2018	IEEE Techithon	04/10/2018	04/10/2018	10/10/2018	200
2018	Effective Teaching Pedagogies Utilization	17/09/2018	17/09/2018	18/09/2018	50

	and Measurement"				
2018	Workshop on Introduction to Programming	25/09/2018	25/09/2018	25/09/2018	70
2018	workshop on 21st Century Grand Challenges	27/09/2018	27/09/2018	29/09/2018	90
2019	Life Skill for Career Advancement	17/01/2019	17/01/2019	17/01/2019	49
2019	"Teaching Learning Process"	18/01/2019	18/01/2019	18/01/2019	90
2019	Workshop on Game Development	23/01/2019	23/01/2019	24/01/2019	60
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Selection committees for the recruitment of Class Representative	03/09/2018	03/09/2018	25	23
Essay Competition to create awareness regarding progression of women in special Field, Position of women in Indian politics, future challenges to women and is gender equality accepted by equality	17/10/2018	17/10/2018	52	54
Lecture on Prevention of teasing	19/11/2018	19/11/2018	18	13

Slogan Competition on "Gender Equality	24/01/2019	24/01/2019	125	207
Rally on "Awareness of Gender Equality and Women's Empowerment"	09/02/2019	09/02/2019	10	13
Cleaning areas outside college:	22/08/2018	22/08/2018	25	14

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Total utilization of power 26164 KWh per month. Out of that: 42 percent LED, 58 percent general.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Braille Software/facilities	No	0
Rest Rooms	Yes	1
Scribes for examination	Yes	1
Any other similar facility	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	3	4	07/07/2018	1	Van Mahotsav (Tree Plantation program)	Awareness about the Environment	64
2018	1	2	03/09/2018	1	Blood Donation	Poor health condition and Awareness.	282
2018	1	2	08/09/2018	1	Anti plastic movement	Importance of using	68

					(Rally, Distribution)	paper and cloth bags	
2018	2	3	22/09/2018	1	world rose day Celebrate with cancer patient	Spread the happiness and joy to the cancer patients	45
2018	1	1	08/10/2018	1	Eye checkup camp	Poor health condition and Awareness.	89
2019	2	2	21/02/2019	1	Road safety awareness	Lack of Safety awareness	45
2019	2	1	08/03/2019	1	Adoption of village area.	Lack of health awareness, cleanness, and personal development	35
2019	1	2	27/04/2019	1	Dharivali school	Education awareness at adopted area:	30
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code Of Conduct For Students And Teachers , Manuals And Brochures On Human Values And Professional Ethics	11/07/2018	This handbook indicates the standard procedures and practices of Atharva College of Engineering for all Employees and students enrolling with the Institute for pursuing varied courses. All Employees and all students must know that it is incumbent upon them to abide by this Code of Ethics and Conduct and the rights, responsibilities including the restrictions flowing from it. That the Institute's endeavor by means of

enforcing this Code is to pioneer and administer a student discipline process that is egalitarian, conscientious, effectual and expeditious and providing a system which promotes student growth through individual and collective responsibility. All Employees and all Students are requested to be well conversant with this Code, which can be also reviewed on the official website of the Institute.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tree Plantation Drive	21/07/2018	21/07/2018	32
Celebrating of Independence Day.	15/08/2018	15/08/2018	294
School adoption	06/10/2018	06/10/2018	45
Swachhata Abhiyaan Atharva Foundation	19/02/2019	19/02/2019	56
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

3. Swachhata abhiyaan: NSS Atharva volunteers undertook a drive where they clean the college surroundings and made the place neat, clean and tidy. Volunteers made people aware about the facts of Swachhata by interacting with the people told them to come forward for the cause of Swachha Bharat Abhiyaan. They explained the importance of cleanliness and proper sanitation in all spheres of life. Also, the NSS team organized a cleanup drive at Gorai Beach. They collected debris from the beach and informed the locals to maintain and cleanliness of the beach. Our female volunteer's organized beach cleans up drive at Malvani beach on the next day of Ganpati visharjan. They have collected plastic bags, empty plastic bottles, garlands, and Ganpati idols and handed over to the BMC officers

4. Recycling waste water In Atharva College of Engineering, waste is treated before disposing off. Water coming off from chemistry laboratory is filtered out first, Solid waste is separated and then treated with chemicals to convert into insoluble precipitates. As the waste coming off from chemistry laboratory is very small in amount and volume the treated water is mixed with grey water and then processed as mentioned below to later use water for gardening purpose. Atharva College also treats waste water from washrooms (grey water). Grey water collected is filtered off initially and solid waste is separated and disposed off in the sewage system backyards. The filtered water is treated with hypochlorous acid, jaggery and cowdung to remove microorganisms and fouling smell. Later the treated water is used to water the plants in the college vicinity.

5. Canteen waste and Dry plants (Best out of Waste) Atharva, we segregate the wastage of canteen material and dry plants. Then it is dumped into container/pot hole. After doing required procedure on it, dumped material is converted into manure. This is used as fertilizer for plants and trees.

1. Plastic Free: Atharva college of Engineering has plastic free campus and it is surrounded by plants and trees. NSS Atharva volunteers organized a rally for spreading the importance of use of cloth bags, by distributing cloth bags to the vendors and people in Dharivali village. The efforts of the volunteers were appreciated by people.

2. Tree plantation: Helping hands for healthy environment will help to make globe healthy. We have organized tree plantation drive at college campus on the occasion of Independence Day. Teaching and NonTeaching staff participated actively in the same event. More than 100 plants have been planted by volunteers and staff members.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: One For All, All For One 2. Objectives of the Practice: It is an effort towards throwing light on the selfless contribution and sacrifice of our soldiers . 3. The Context: The One For All , All for One Program is about reciprocating the respect of the civilians towards our National defence Force. Understanding the situation of the family of martyr, life and struggle of soldiers hardships and his love and dedication for the country. The One for All, All for One programme, is with an aim of uniting the masses for offering the respect and love for the soldiers martyrs and their families . 4. The Practice: One For All, All For One Programme: Felicitation of soldiers and 10 Martyr's families and displaying their unsung valor. <http://atharvafoundation.in/oneforall/gallery.html> "AWARENESS THROUGH BIKE RALLY" Mass awareness with aid of Bike rally for enhancing the patriotism. <http://atharvafoundation.in/oneforall/initiatives.html> "Indian Army Day Celebration" Paying home to the soldiers on Jan15,2019 for their hardships on the borders of our nation. <http://atharvafoundation.in/oneforall/initiatives.html> 5. Evidence of Success: Atharva foundation team under the guidance of Shri. Sunil Rane and Col. Sudhir Raje worked rigorously to pay tribute and salute to the Indian Armed forces through various activities for the patriotic program "ONE FOR ALL | ALL FOR ONE", a Tribute to Indian Army and salute to Soldiers, a one of its kind noble program by ATHARVA FOUNDATION . 2 1. Title of the Practice. The Course Networking website 'www.thecn.com' The Learning Management System (LMS) 2. Objectives of the Practice: a. Build an understanding of using online platform as a learning resource. b. Familiarize Students to the online submission of assignments and other course related tasks. 3. The Context: CN is more than a learning management system, as it not only focuses on course content delivery and management, but takes it a step further by introducing the networking of courses and their content. In comparison with existing LMS's, which are housed in closed walls with limited access to learners and instructors within institutions, used to merely manage courses online, CN is an open, free, academic and social networking framework scalable to massive numbers of learners from any place in the world within a single environment. The Practice: We use it as a tool for communication as well as the. It lets us host the content in the form of video lectures for flipped classroom, Lecture Notes in PDF format, MCQs for the topics of your subject, Survey of the innovative teaching methods used in Classrooms. 5. Evidence of Success For the year 2018-2019 2329 students have benefited from this learning environment. The feedback is positive from the students.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.atharvacoe.ac.in/wp-content/uploads/Best-Practices-converted.pdf>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

INTRODUCTION Training and Placement Cell is an integral part of our Institution. The Institution has provided the complete infrastructure for effective functioning of the cell. The cell is sensitized to function all through the year towards generating placement and training opportunities for the students. The Institution helps each student in exploring placement opportunities inviting various companies for campus recruitment of students. We mostly stress on Aptitude and personality development programs so that students' skills can meet with the industry needs. Atharva College of Engineering has a vision "to constantly strive and provide comprehensive technological education". To achieve this, the latest Robotic centre with KR16 is provided with an easy access to all students to learn out of book latest technology. In this process, an innovative approach of self learning of the technical subjects of the latest development is achieved. Humanoid Robot is the latest addition. In addition to this, to get the computer level application at innovative level to create more apps and programs latest iMAC laboratory is setup with an international consultant of world clan. THE PRACTICE In Atharva College of Engineering there is an independent Training and Placement wing. It covers both oral and written communication alongwith personality development are taught in a friendly way or that students are mentally and physically prepared for any kind of job in the international market. This Institution provides all facilities to learn Interview skills by conducting Mockinterviews. There are soft skills trainers, who help the students to learn soft skills for their employment purpose. EVIDENCE OF SUCCESS Atharva Students placed and performing well in various companies such as Accenture, TCS , LT Infotech, Sankey Solution, NSEIT, Burns Macdonell, Western Railway, Endurance International Group, Tata Communications, Hexware Technologies, ExtraMarks Pvt Ltd, CloudFronts Pvt Ltd, Imarticus , Zeus Learning, WIPRO , Vistaar, IndiaMart, Reliance Retail, Quinnox, Media.Net, A One Salasar Pvt. Ltd., Cognizant, Bizotics, G Ten Digital Consultancy, Ugam Solutions , Robokart, Accion Labs, Sutherland, ACS, ATOS Syntel, Transact, Brandscapes, TSS Consultancy, Infinite computing systems, Seclore Technolgy, Capgemini, Savita Oil Technology Pvt ltd, Micropoint Computers Pvt Ltd., RPS Group, Vikran Engineering, Light X Pvt. Ltd., Yocket, HDFC, Hind Rectifiers, HUDL, Ametronics, Aniruddha, Ecom Infotech Ltd, Expenzing, Pyramid EC, Toshiba Mitsubishi, Adrosonic, Onida, Aurus Inc, Lite Technologies, Trigyn, CSS India, Etouch Virtusa, Imprerix, Atulya ventures Ptv.ltd., we design code, Byjus, Suntuity, AGS Transact technology, Genex corporate services pvt ltd, IBM, Tikona Digital Networks, Eduisfun, Gandhi Automations Pvt Ltd, AET Flexible Space Pvt Ltd, etc. Atharva's students are placed in top companies like Infosys, Accenutre, Larsen Toubro, Wipro, Tata Communications, Tech Mahindra TCS. Mr. Jigar Sanjaykumar Bhatt Mr. Rushabh Jignesh Shah are placed in Byju's with package of 10LPA, Mr. Eshant Radheshyam Sah Mr. Anil Gautam Saravade got selected in Amazon with package of 4.5 LPA, and 103 Students have been selected by Accenture with the Package of 3.5LPA. 257 students from Atharva College of Engineering got placements in various Companies in the Academic year 201819.

Provide the weblink of the institution

<http://www.atharvacoe.ac.in/wp-content/uploads/EFFECTIVE-PLACEMENTS-FOR-CAREER-BUILDING-converted.pdf>

## 8.Future Plans of Actions for Next Academic Year

Research Research is the backbone of academics. It simplifies concept building and transforms new ideas into innovations in pursuance of a new era of passion for researches. The Research and Development Cell aims to nurture research culture in the College by promoting research in newly emerging and challenging areas of Engineering, Technology, Science and Humanities. It encourages the students and faculty to undertake the research in the following research discipline.

1. Improve the knowledge, skills and qualifications by registering Ph.D's.
2. To enroll around 70 faculty members in PhD.by end of this Academic year
3. To publish technical papers in SCI/SCOPUS, National and International Conferences/Journals by staff members and students.
4. To raise the funding for research activities and development of projects.
5. To conduct approved ISTE/AICTE/STTP workshop/seminar/FDP

Improve academic interaction and participation of institutes / universities of national and international eminence in order to facilitate learning, innovation and research.

Academic plan

1. Improve the teaching/learning environment.
2. Arrange paid internship in India and Abroad for students
3. Improve IIIC for better Industry connectivity.
4. Apply for NBA.
5. Promote Entrepreneurship and innovation culture.
6. Go for Collaboration with good foreign Universities.
7. Enhance interdisciplinary research opportunities to impact the quality of life for the region.
8. Upgrade instructional technology services.
9. Indian Technological Institutes foreign universities and venture establishing MOU with them.

Increase resources and continue to provide a summer bridge program . Hire additional faculty or adjunct professor in critical needs areas, especially general education. Connect with the Universities with whom already MOU is established, to seek greater/improved avenues of collaboration. Contact other Deemed Universities to study and explore the possible avenues of collaboration with respect to the facilities established by them.

- MoU with Eduvance for conduct of Summer/Winter Internship training on Embedded Systems/Machine Learning.
- MoU with Microchip for setting up a Microchip Academy for conduct of Microchip certification courses at subsidized rates.
- MoU with Cisco for setting up a Cisco Academy for conduct of Cisco certification courses at subsidized rates.
- MoU with Xenium Digital Inc. for internships and projects for staff and students.
- Tieup with IITM,Pune for launch of our balloon satellite from Atharva Ground station team
- Industrial tieup for a stateoftheart AI lab on campus.
- Upgradation of idea generation software in iLab and exploration of opportunities in SMEs for Management Development Programs(MDP).
- Planning, coordination and conduction of Business Idea competition, Technical Quiz and allied activities as part of activities under MHRDs' Institute Innovation Council(IIC) at ACE.