Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY**
Name of the head of the Institution	**Dr. Vaishali V. Patil**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**020-22933441**
Mobile no.	**9595459547**
Registered Email	**naac2018-19@isquareit.edu.in**
Alternate Email	**naac@isquareit.edu.in**
Address	**P-14 Rajiv Gandhi Infotech Park, Phase-I, Hinjawadi, Pune-411057**
City/Town	**Pune**
State/UT	**Maharashtra**
Pincode	**411057**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. S. Mohan Mahalakshmi Naidu**
Phone no/Alternate Phone no.	**02022933442**
Mobile no.	**9860426168**
Registered Email	**mohans@isquareit.edu.in**
Alternate Email	**smohanmn@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.isquareit.edu.in/wp-content/uploads/2021/07/AQAR-2018-19-Report-PDF.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.isquareit.edu.in/wp-content/uploads/2021/05/1.1.1_1-Academic-Calenders-of-the-Institute-AY2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B++**	**3.96**	**2019**	**01-Apr-2019**	**31-Mar-2024**

6. Date of Establishment of IQAC	**20-Oct-2015**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Service agreement with Codex Solutions Pvt. Ltd.	06-Mar-2020 365	12
Course on Space and Spatial Technology - An Introduction	10-Jan-2020 1	4
Course on Remote Sensing of the Moon by Indian Lunar Missions with Emphasis on Spectroscopic Analysis	23-Dec-2019 60	5
Establishing Center of Excellence in Cloud Computing and AWS Cloud Foundation Course	14-Sep-2019 1	83
Inaugural International Workshop on Conversational AI	30-Aug-2019 1	71
One day workshop on Outcome Based Education (OBE) by Dr. A. K. Sengupta	12-Jun-2019 1	40
Establishing Center of Excellence in Artificial Intelligence (AI)	12-Aug-2019 1	10
MoU with Wisely-Wise PTE Ltd, Singapore	30-Aug-2019 1	7
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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
International Institute of Information Technology	ASEAN India Collaborative RD scheme	Department of Science & Technology, Government of India	2019 730	3027816
International Institute of Information Technology	Indo-Thai project	Department of Science & Technology, Government of India	2019 1095	1095000
International Institute of Information Technology	Faculty Development Program	Savitribai Phule Pune University	2020 2	117500
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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 :	**2**
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)

As a part of Outcome Based Education, Course Outcome (CO) and Program Outcome (PO) attainment calculation for all the theory and practical subjects are being done. in this academic year, CO and PO attainment calculation process was resolved in the IQAC meeting and has been incorporated for Project and Seminars.

Introduction of Add-on courses of minimum of 30 hours each in every department and at least one course for each class every semester. These courses are conducted by the resource persons invited either from the industry or internal faculty member experts.

Introduction of Value-added courses of either one day or maximum two days on the state-of-the-art skills and technologies, exclusively delivered by industry experts.

To improve the quality of internal evaluation, conducted an awareness session on Blooms Taxonomy Levels (BTL) and were introduced in the internal class test question papers.

Several events have been conducted under MoUs such as FDP on WEBGIS, Course on space technology, Internships for students by Codex Solutions Pvt. Ltd, Workshop on conversational AI by Wisely-Wise are few to name.

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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

To conduct Academic and Administrative Audit (AAA) of the institute for this academic year.	Conducted Academic and Administrative Audit (AAA) of the institute for this academic year.
To teach few sessions of Content Beyond Syllabus (CBS) for each subject.	More than 60 Content Beyond Syllabus sessions were conducted during this academic year.
IQAC Action Plan has been prepared based on the Quality objective parameters with set targets for both the semesters. .	All the departments have achieved most of the set targets for this academic year.
To conduct Value added Certification Courses by industry experts.	Eight Value added Certificate courses were delivered by industry experts on state of the art technologies during this academic year.
To increase industry institute interaction.	Eleven industrial visits were conducted by the departments on an average two industrial visits for each class. More than 25 student groups have done their final year projects with industry. More than 120 students of SE TE and BE from all departs have done their internships with industries.
To get feedback from teachers regarding the curriculum.	Communicated teachers feedback on curriculum to the concerned Board of Studies of the affiliating university and two faculty members have been invited as subject experts by the Board of Studies of the affiliating university.
Encourage students to do NPTEL, MOOC certifications in the areas of their interest.	As part of the mentoring and self study, more than 200 students have done their NPTEL and MOOC certifications in their respective areas of interest.
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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	29-Mar-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	25-Jan-2020

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	To make teaching learning and administration processes effective, college is also using ERP software regularly. ERP consists of various modules such as higher class teaching, first year teaching, leave management, LMS, communication, mentorship, internal assessment, student reports, academic reports, student feedback etc. Faculty members prepare and upload the teaching plans of theory and practical using higher class teaching and first year teaching modules. These modules are also used to assign roll numbers to the students, to create batches of the students, to assign subjects to teachers, to assign mentors to the batches of the students, to fill up students' attendance of the theory as well as practical daily and so on. LMS module of the ERP is used to upload the learning resources such as syllabus, question bank, lab manual, MCQs, study material, PPTs, notes, video link etc. which are used by the students through their individual's ERP account. Students' attendance messages are delivered to the students' parents at the end of the day automatically through ERP. Mentorship module of the ERP is also used to maintain the mentee attendance of the mentormentee meetings. Points discussed in the meetings, phone call discussion with students and parents and students counseling information are maintained in the mentorship module. ERP internal assessment module is used to enter the students' class tests attendance, marks obtained in the class tests, and to create various class test reports. For smooth functioning of the academics and administration, students' basic detail reports specifying program, year, academic year, division, enrollment number, name, and so on are also created using ERP. Academic reports module is used to download teaching plans of the theory and practical to maintain the record in the course file of the teachers. This module is also used to create various reports such as daily attendance, subjectwise attendance, theoretical attendance,

practical attendance, cumulative attendance, average attendance of the students to monitor teaching learning process effectively. Students' feedback of the faculty of the respective subjects is conducted through the student feedback module of the ERP. Nine different parameters and attendance criteria are used to conduct the feedback twice in a semester to monitor the teaching learning process effectively. Leave management module is used by the faculty and staff members to apply various leaves such as causal, medical, on duty, study and so on who are sanctioned by the respective authority. Library module is used to see the book status, search and reserve the book. One can also see the availability of journal and periodicals with the help of ERP. Academic calendar module is used by the respective authority of the Institute such as HoDs, IQAC, APMC, TPO etc to schedule the different events of their departments to avoid overlapping of use of resources. This module provides information about name of the event like guest lecture add on course, augmentation course, industry visit, placement activity scheduled, start and end date of the events, branch, venue, target audience and so on.

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

The overall Teaching-Learning-Process in all the departments has been outlined as below: a) Institute level academic calendar is prepared by IQAC committee well before the commencement of every semester taking into consideration duration of academic semester, major planned events and public holidays. The institute calendar includes start and end of academic semester, class test weeks, In-semester examination weeks of affiliating university, mock on-line test, mock practical duration weeks, practical and theory examination dates. b) Based on the Institute level calendar, academic coordinator of the department in consultation with HoD prepares the department calendar. Various departmental activities such as planned guest lectures, add on courses, augmentation courses, seminars/workshops/conferences, industry visits, faculty development programs, department students association activities, seminar/project reviews and academic semester schedule. c) Academic coordinator in consultation with HoD prepares department load distribution of faculty members and subject choice is given to the faculty members before the commencement of the next semester. Based on the choice of subjects, allocation of subjects is done in consultation

with all the concerned faculty members. d) Faculty members prepare teaching plan of subjects as well as for laboratory subjects. Course Outcomes (CO's) are mapped with the Program Outcomes (PO's) and program Specific Outcomes (PSO's). In case of any gaps, additional activities such as Guest/expert lectures, Augmentation courses, Value added courses, industry visits, group activities, social activities etc. are planned at the beginning of the semester. e) Teach plan prepared by each faculty member is approved by academic coordinator, HoD of the respective department and academic planning and monitoring committee member of the college. f) Attendance of every lecture is recorded in ERP system. Faculty members use white board teaching, PPT slides, smart boards and other ICT tools for academic delivery. g) Faculty members upload learning materials such as PPT slides, question banks, lecture supporting videos, assignments etc. in ERP system so that students can access them as per their convenience. h) Student performance in the class tests is monitored closely and class test marks are entered in ERP. Students are given assignments and mini projects by respective subject teachers as a part of their continuous assessment. i) Students are allocated to teacher mentors and record of mentor meetings is maintained separately. j) Slow learner and advanced learner students for each subject are identified by considering university examination result, marks obtained in class tests and class observation of the students by the faculty. Additional classes are conducted for slow learner students and more challenging assignments are given to advanced learner students. Remedial classes are conducted for students whose result is poor in the university examinations so as to help them prepare for re-examination. k) Student attendance is monitored daily and performance in class tests is regularly communicated to parents by way of SMS and also discussed personally during parent teacher meeting. The above process and records are documented in course files maintained by faculty. Summary of student performance, result analysis, placements, guest/expert lectures, workshops/conferences, faculty development programs, Add-on courses are maintained in various IQAC files.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Android Application Development	Nil	12/07/2019	4	Employment	Software application development
Python Programming	Nil	07/08/2019	4	Employment	Python Programming
J2SE Concepts and Programming	Nil	19/09/2019	5	Employment	J2SE Programming
Practical Approach to Python Programming	Nil	26/07/2019	4	Employment	Python Programming
OOP with Java Programming	Nil	27/02/2020	4	Employment	Java Programming
Micro Python Programming	Nil	09/10/2019	5	Employment	Python Programming
PCB Designing	Nil	22/02/2020	4	Entreprene urship	Hands-on knowledge of

		PCB designing

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	No new programmes introduced	Nill
No file uploaded.		

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	Computer Engineering	17/06/2019
BE	Information Technology	17/06/2019
BE	Electronics and Telecommunication Engineering	17/06/2019

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

	Certificate	Diploma Course
Number of Students	430	Nil

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
Image Processing Using Neural Nets	10/01/2020	25
Java Application Development	17/02/2020	64
Real time applications of Machine Learning and Deep Learning	11/03/2020	60
Open Source WebGIS platform	14/09/2019	51
Manufacturing Analytics	01/06/2020	87
Data Science Using R	06/04/2020	120
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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	Information Technology	19
BE	Computer Engineering	83
BE	Electronics and Telecommunication Engineering	47

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

Structured feedback is collected from all stakeholders of the Institute such as students, parents, teachers, alumni and employers. The feedback parameters are as under: 1) Students: Feedback is collected on curriculum, Course Outcomes (CO's), Program Outcomes (PO's) and Program Specific Outcomes (PSO's) of the department in the form of course end survey at the end of each semester. Other parameters on which feedback is collected are quality of education (feedback of teachers), Library facilities, IT infrastructure available in the institute, Placement assistance, Career guidance provided, Interaction with teaching and non-teaching staff members, Safety and security measures, Vision and mission of institute etc. Exit survey is also conducted from final year students in their last semester. 2) Parents: Feedback is collected on Quality of teaching, Conducive atmosphere in the Institute, Internal examination system, Student counselling and career guidance, IT infrastructure, Extra-curricular activities, Safety and security on campus, mechanism adapted by institute for communication regarding progress of their wards, faculty mentoring students etc. 3) Teachers: Feedback is obtained regarding subjects taught, gaps in CO's, PO's, IT infrastructure, ICT tools and facilities available at campus, ERP system etc. 4) Alumni: During alumni meet feedback is collected from alumni students regarding relevance of curriculum, gaps between industry and academia, availability and accessibility of faculty members, IT infrastructure, Placement assistance and career guidance provided by the institute, entrepreneurship initiatives taken by the institute, overall quality of engineering programs and institute management. 5) Employers: During campus visits of companies feedback is obtained regarding quality of students, communication skills, their ability to solve technical problems, programming and analytical skills etc. The above feedbacks are collected every semester from all the above stakeholders via on-line mode and physical questionnaire in some cases and is analyzed by Head of departments and departmental IQAC committee members during the departmental meetings and action plan for improvements is prepared. During IQAC meetings, the improvement initiatives are discussed and finalized and they are taken care of in the subsequent semester. IQAC committee monitors the corrective actions taken and action taken report is prepared and submitted to the Principal and Institute management.

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	Electronics	60	114	60

	and Telecommuni cation Engineering			
BE	Computer Engineering	60	105	60
BE	Information Technology	60	104	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
2019	809	Nill	48	Nill	Nill

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	Numberof smart classrooms	E-resources and techniques used
48	48	4	12	4	4
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

Student Mentoring System: - Mentoring and counselling of students is very much essential, right from the first year as the students joining the Institute are from various rural parts of the state and there are sizable number of students joining from other states as well. In many cases they are new to the college hostel environment and they are staying away from their parents. During the first year itself, we assign faculty mentor to students. Each class of approximately 60 students is assigned three faculty mentors so that each faculty member gets around 20 student mentees for mentorship. The same mentor scheme is continued till the students graduate from the institute. As the students move to the subsequent years, another faculty mentor gets assigned to him/her from the department. The following activities are conducted during the mentor-mentee interaction. 1) Mentor-mentee meetings:- Separate time slots are assigned in the timetable itself across the departments for conducting mentor-mentee meetings every week. During these meetings, informal discussion takes place on one-to-one basis between student-mentees and their faculty mentors to find out strengths and weaknesses of students. Also the mentor meetings help in finding out hidden talent of the students which otherwise is difficult to find out in the regular academic environment. Students are encouraged for achieving academic excellence as well as they are encouraged to participate in co-curricular as well as extra-curricular activities for their overall development. Mentee students are free to discuss with faculty mentors the problems or difficulties that they may be facing regarding hostels, college facilities, academics etc. during the course of their studies. 2) Record keeping:- If students are facing any difficulties, proper class-wise record is kept by the faculty mentor(s) separately through the ERP and at the end of the semester the same record is maintained in a book (referred as pink book) and the problems that are recorded are discussed in the department / IQAC meetings for finding out possible solutions. Institute management tries to find out solution to all the problems that students report. 3) Monitoring of student progress:- Performance of students in class test(s),university In-Semester examinations, their class attendance is monitored during the mentor meetings and informed to their parents regularly via ERP system. If a personal problem is identified with a particular student with respect to his/her studies, it is referred to a professional counsellor who visits the institute twice a week so that additional help can be provided to the concerned student.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
809	48	1:17

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
48	48	Nill	Nill	10

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	Dr. Sashikala Mishra	Associate Professor	Research Award in field of Machine Learning by IIT Bombay Spoken Tutorial, I2OR, Green Thinkerz, FOSS, SC
2019	Dr. Risil Chhatrala	Associate Professor	Reviewer in the International Conference on Innovating Technology for Humanity (IEEE Pune Con 2019)
2019	Dr. V Rajesh Choudhary	Associate Professor	Exceptional contribution as Mentor in Smart India Hackathon 2019.
2020	Dr. Varsha Degaonkar	Assistant Professor	Technical reviewer at 2nd IEEE International Conference on Emerging Soft Computing and Informatics (IEEE ESCI 2020)
2020	Prof. Anjali Jagtap	Assistant Professor	Letter of appreciation, for efforts in disseminating and supporting the learners of the Swayam NPTEL Local Chapter INTERNATIONAL INSTITUTE OF INFORMATION

2020	Prof. Ashvini Kulkrni	Assistant Professor	Confederation of Elite Academicians of IICDC, Certificate of Appreciation, for excellent contribution and stellar commitment to inspiring engineering students to innovate and create ground braking solutions.

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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	675437210	Semester-1	23/10/2020	13/02/2020
BE	675437210	Semester-2	20/10/2020	29/12/2020

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

Reforms initiated on Continuous Internal Evaluation (CIE) system: 1) The Institute has constituted examinations committee consisting of College Examination Officer (CEO), assistant to CEO and one faculty member from each department. 2) The Institute conducts the following internal examinations as part of continuous evaluation of students. For SE students, three class tests are conducted in a semester. Also mock on-line examination is conducted in the similar manner as per the affiliating university on-line examination norms so that students get sufficient practice. The results are displayed after the examination on the noticeboard and also conveyed to the parents by way of SMS. For FE, TE and BE students also three class tests are conducted in a semester and the results are conveyed to the parents by way of SMS. Mock practical orals are also conducted for all SE to BE classes. 3) The term work marks are allocated based on different parameters such as attendance of student, performance in the internal examinations which includes class tests, mock practical/oral examinations, mock on-line examination, practical performance and file submission and value added courses 4) Performance of students is assessed continuously during practical performance for regular completion and understanding. The mid semester submission is part of the academic calendar where the submission of assignments is assessed at mid of every semester. 5) At least three reviews for seminar and projects are conducted per semester for evaluating the progress of student. 6) The Institute organizes the Central Assessment Program (CAP) for TE and BE In-Semester examinations asper the

guidelines of affiliating university. The CAP director arranges for assessment of papers and on-line filling of the marks on university portal.

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

Academic calendar prepared and adhered for conduct of Examinations and other related matters - 1) Institute level academic calendar is prepared by IQAC committee well before the commencement of every semester taking into consideration duration of academic semester, major planned events and public holidays. The institute calendar includes start and end of academic semester, class test weeks, In-semester examination / On-line examination weeks of affiliating university, mock on-line test, mock practical duration weeks, practical and theory examination dates etc. 2) Based on the Institute level calendar, academic coordinator of each department in consultation with the respective Head of department and faculty members of the department prepares the department calendar. Various departmental activities such as planned guest lectures, add-on courses, augmentation courses, seminars/ workshops/ conferences, industry visits, faculty development programs, department students association activities, seminar reviews, project reviews and academic semester schedule. The department academic calendar is prepared keeping in view the Institute level academic calendar and the specified dates therein. The academic calendar is prominently displayed on various student notice boards and is strictly followed throughout the semester. It is monitored by IQAC committee, Head of departments and Principal.

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://www.isquareit.edu.in/computer-engineering/course-details/

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
675437210	BE	Electronics and Telecommunication Engineering	67	67	100
675424510	BE	Computer Engineering	81	78	97
675424610	BE	Information Technology	80	80	100
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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)

http://www.isquareit.edu.in/wp-content/uploads/2021/07/Student-Exit-Survey-AY2019-20-CE.pdf

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
International Projects	730	Science Engineering Research Board (SERB)	3027816	504595
International Projects	1095	Department of science technology, Government of India	1095000	0
Projects sponsored by the University	2	Savitribai Phule Pune University	117500	117500
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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
Open Source "WebGIS Platform"	Electronics and Telecommunication Engineering	10/01/2020
One day workshop on IPR, Patents and Research Proposals	Electronics and Telecommunication Engineering	25/01/2020

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
Barclays Tech Innovation Challenge	Namita, Arya, Ninad, Aryan, Akhil	Barclays	24/10/2019	Institute Level
College with Maximum Project Entries AWARD	The Principal	Natrajan Education Society	17/06/2019	National Level
Parkiez	Saurabh Gargund, Shubham Mourya	SPPU CIIL sponsored i-2-e Competition Stage I (Eureka 2019)	16/10/2019	University Level
PRKN	Rishabh Karmakar, Ketki Nirantar, Pooja Hiremath, Nikhil Kandekar	SPPU CIIL sponsored i-2-e Competition Stage I (Eureka 2019)	16/10/2019	University Level
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation	Name	Sponsored By	Name of the	Nature of Start-	Date of

Center			Start-up	up	Commencement
International Institute of Information Technology	Adrash Agrawal	International Institute of Information Technology	Klaimify Private Limited	Waranty Management	06/05/2020
International Institute of Information Technology	Saurabh Gargund Shubham, Mourya	International Institute of Information Technology	Travby Pvt Ltd	Travel Services	12/11/2019
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
NA	Nill

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	3	0.74
International	Information Technology	3	0.3
International	Electronics and Telecommunication Engineering	1	1
National	Engineering Sciences	2	1
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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
Engineering Sciences	1
Electronics and Telecommunication Engineering	3
Information Technology	2
Computer Engineering	5
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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	Number of citations

					mentioned in the publication	excluding self citation
Recent Trends in Power Quality Improvement and Demand Side Load Management is Smart Grids	Prof. Ravindra Joshi	Journal of Advanced Research in Dynamical Control Systems (JARDCS)	2020	3	K L Deemed to be University	Nill
ADHYAYAN —An Innovative Interest	Prof. Anand Bhosle	Advances in Intelligent Systems and Computing	2019	0	International Institute of Information Technology	Nill
A Review Paper on Face Recognition Methodologies	Prof. Anand Bhosle	International Journal of Engineering Research Technology (IJERT)	2020	0	International Institute of Information Technology	Nill
Novel Approach for Measuring Nutrition Values Using Smart phone	Dr. Sashikala Mishra, Prof. Prashant Gadakh	Advances in Intelligent Systems and Computing book series (AISC)	2020	4	International Institute of Information Technology	Nill
TPR, PPV and ROC based Peformance Measurement and Optimization of Human Face Recognition of IoT Enabled Physical Location Monitoring	Prof. Ajitkumar Shitole	International Journal of Recent Technology and Engineering (IJRTE)	2019	2	International Institute of Information Technology	2
Supervised Machine Learning Supported Time Series	Prof. Ajitkumar Shitole	International Journal of Innovative Technology and Exploring	2019	2	International Institute of Information Technology	1

Prediction and Analysis of IoT Enabled Physical Location Monitoring		Engineering				
Aspect Category Extraction for Sentiment Analysis using Multivariate Filter Method of Feature Selection	Prof. Bhavana Kanawade	The International Journal of Recent Technology and Engineering (IJRTE)	2019	1	Sathyabama Institute of Science Technology, Chennai	1

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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
Radiative properties of aerosol mixtures observed over arid and island Aeronet station	Dr. Sandeep Varpe	Pramana Research Journal	2019	2	2	International Institute of Information Technology, Pune
ADHYAYAN —An Innovative Interest Finder and Career Guidance Application	Prof. Anand Bhosale	Advances in Intelligent Systems Computing	2019	Nill	Nill	International Institute of Information Technology, Pune
A Review Paper on Face Recognition Methodologies	Prof. Anand Bhosale	International Journal of Engineering Research Technology (IJERT)	2020	Nill	Nill	International Institute of Information Technology, Pune
AutoML For Model Compressio	Prof. Prashant Gadakh	International Journal of	2020	2	2	International Institute

n And Acceleration On Mobile Devices Using Reinforcement Learning		Advance Science Technology (IJAST)				of Information Technology, Pune
Explainable AI In Intrusion Detection Systems	Prof. Prashant Gadakh	International Journal of Psychosocial Rehabilitation	2020	2	2	International Institute of Information Technology, Pune
Novel Approach for Measuring Nutrition Values Using Smart phone	Dr. Sashikala Mishra, Prof. Prashant Gadakh	Advances in Intelligent Systems Computing	2020	4	7	International Institute of Information Technology, Pune

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	Nill	Nill	57
Presented papers	10	2	Nill	Nill
Resource persons	Nill	1	Nill	Nill

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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
NSS Camp at Jambawade	NSS unit	4	25
Blood Donation Camp	NSS unit	6	64

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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
Nil	Nil	Nil	Nill

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 activites	Number of students participated in such activites
Nirbhaya Kanya Abhiyan	International Institute of Information Technology	Self Defense for Girls	2	58
Swachata Pakhawada	International Institute of Information Technology	Poster presentation	3	25
Voter ID registration Correction	International Institute of Information Technology	Voter ID registration	4	62
SPPUs Guiness Book of Records	Savitribai Phule Pune University	Gifting plant saplings	2	189
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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
Indo Asean Project	Dr V Rajesh Chowdhary	Department of science technology, Government of India	5
Indo Asean Project	Mr Sushrut Joshi	Department of science technology, Government of India	30
International Innovation Camp	Dr V Rajesh Chowdhary and 5 students	Self funding	15
Development of Market Research Platform for Healthcare Industry	Dr V Rajesh Chowdhary, Prof. Sameer Mamadapure	Codex GPO Solutions Pvt LTd	5
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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
As per	As per	As per	Nill	Nill	As per

attachment	attachment	attachment			attachment
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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
L D Infotech	07/08/2019	Project Sponsorship	10
Light Information System	07/02/2020	Guest Lecture on Data Science by Mr. Animesh Sir	30
GATE Academy	14/02/2020	Guest Lecture on GATE Awareness	100
Numplorer Fintech	29/07/2019	Internship for students, Guest Lecture	47
Sagveek Technologies	29/07/2019	Add on coourse for students, Sponsored project	72
Codex Solutions Pvt. Ltd.	06/03/2020	Internships for students	6
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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
25	9.78

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	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 patially)	Version	Year of automation
WebDesk ERP Library Module	Fully	1	2020
D-Space	Fully	2017	2018
User Tracking	Partially	2015	2018

4.2.2 – Library Services

Library	Existing	Newly Added	Total

Service Type						
Text Books	3776	1599759	128	77779	3904	1677538
Reference Books	6945	1511933	427	293183	7372	1805116
e-Books	10309	50000	10244	50000	20553	100000
Journals	38	109454	38	106855	76	216309
e-Journals	10279	40000	9791	60000	20070	100000
Digital Database	1	523591	1	617837	2	1141428
CD & Video	698	1	715	1	1413	2
Others(specify)	1	76700	1	78942	2	155642
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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
As per attachment	As per attachment	As per attachment	Nill
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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	519	353	519	10	100	26	30	120	0
Added	0	0	0	0	0	0	0	0	0
Total	519	353	519	10	100	26	30	120	0

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

120 MBPS/ GBPS

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
Sony DCR-SR45 Sony HDR-PJ675 Handycam, Tripod, Collar Mike and Centralized Storage system	https://www.youtube.com/c/I2ITPuneOfficial/videos

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 facilites
75	66.77	230	220.5

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)

Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. 1) Laboratories and Computing Facilities: The institute has dedicated Systems and Maintenance team with experienced and well-trained staff members that ensures round the clock upkeep of laboratory equipment computing facilities. All Laboratories are having standalone/ dedicated computers and network systems. These are monitored by respective departments and well supported by systems team. All the routine equipment and computer maintenance, software installations and networking are handled by respective department. Latest anti-virus software is installed on all computers. 2) Library Stock Maintenance System: Central Library holds collection of more than 11,000 books and has subscription to 80 print Journals/ Technical magazines of national and international repute. The stacking arrangement of books is aptly supported by "Dewey Decimal Classification". Respective guide cards displaying subject name and location code ensures easy and instant access of required books, whereas the stacking of Periodicals are arranged title based in alphabetical order, with exclusive racks for technical magazines. To keep track and easy accessibility of all Library Books, 'Stock Verification Process' using 'Bar Code Technology' Library management software is conducted yearly during Non-Academic period. 3) Sports Facilities: A well experienced Physical Director has been appointed for sports facilities. Students are encouraged to participate in outdoor sports activities, ensuring physical fitness levels at all times. Institute has a football, basketball and a volleyball ground including a well-equipped gymnasium. In door games like Table-Tennis, Carom, Badminton, Ring Tennis etc are available. A well-maintained Landscaping and Vegetation Garden is maintained, to ensure pollution free and healthy campus environment. Yoga and pranayama is conducted by the Physical Director at regular morning sessions. 4) Classrooms: Well designated environmental and academic savvy classrooms have been architecturally designed with adequate light and fan points to ensure a comfortable academic study environment are maintained by Systems and Maintenance Department to ensure smooth and hassle-free teaching sessions. 5) General Campus Facilities and Infrastructure Management A well-qualified dedicated Team operates on SOP (Standard Operating Procedures) exclusively for facilities/ infrastructure maintenance and upkeep of the above facilities. This team is headed by Civil Maintenance Superintendent aptly supported by skilled electricians, carpenters and plumbers. They are 24x7 on campus (in shifts) to ensure hassle-free and smooth functioning of all academic related facilities at all times. DG sets, all Civil, Electrical and Solar panels have routine maintenance in addition to AMC's for important support facilities, ensuring complete back up at all times. In addition they are strongly supported by housekeeping staff that ensure clean, dust-free and hygienic environment. A preventive and corrective maintenance for related equipment's and civil facilities, has been outsourced for professional operation as AMC's - • Annual Pest Control Service Contract • Fire Systems Maintenance • Annual Maintenance of Elevators • Maintenance of UPS • Water Tank Cleaning • Drinking Water Testing

https://www.isquareit.edu.in/wp-content/uploads/2021/07/4.4.2-Procedures-and-policies-for-maintaining-and-utilizing-physical-academic-and-support-facilities.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	Merit scholarships, Tuition fee waiver scheme, Academic excellence awards, Patron awards,	67	3413152
Financial Support from Other Sources			
a) National	OPEN - EBC - Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulk Shishyavrutti Yojana - For Economically Backward Class , SC OBC scholarships and freeships	388	22239449
b)International	Nil	Nill	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
Mentoring scheme	19/06/2020	210	Internal
Soft-skill Development	03/09/2019	58	KPIT
Communication Skills, Language Lab	17/06/2019	63	Internal
Bridge courses	23/09/2019	769	Internal
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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 passedin the comp. exam	Number of studentsp placed
2020	Guest Lectures on Communication Skills Career	4	59	4	59

	Counselling by Comp. Dept.				
2020	Guest Lecture, Career Counselling, Value added courses, Add on courses, Industry Visit by E & TC Department	5	50	2	34
2020	Guest Lecture, Career Counselling, Value added courses, Add on courses, Industry Visit by IT Dept.	Nill	60	Nill	60
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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
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Refer attachment	856	130	Refer attachment	Nill	36
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	8	Bachelor of Engineering	Computer Engineering	IIT Mumbai, IIT Hyderabad	M. Tech
2020	1	Bachelor of Engineering	Electronics and Telecomm	NIT, Jamshedpur	M. Tech

			unication Engineering		

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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	7
Any Other	2
TOFEL	1

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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
Inter-Collegiate State Level Meet (ASKARA)	Inter-Collegiate State Level	433
Fit India Movement	Institute	184
International Day of Yoga	Institute	90
Cultural event Dhruva	Institute	400

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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
2019	Kick Boxing Bronze Medal	National	1	Nill	T17045	Shivani Rajhanse
2019	Karate Gold Medal	National	1	Nill	T17045	Shivani Rajhanse
2019	Karate Grand Championship	National	1	Nill	T17045	Shivani Rajhanse

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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)

Institute has an active Student Council as per Maharashtra Ordinance No. XXVIII of 2017. Various student committees comprise of representatives from all groups of students and are led by senior faculty or staff members of the Institute. The Committees include Departmental, Technical, Cultural, Social, Sports and such other Committees as per the interest of the students stepping up to take an active leadership role. The main purpose of these Committees is to ensure harmony across an ample, vibrant, and continuous range of campus events and activities in the course of an academic year. The committees ensure maximum involvement and engagement of all members of the Institute and its respective

stakeholder groups. Working on these committees instills leadership and management skills among students. The prominent committees involving students are as follows. Departmental Committees: 1. Computer Engineering Students Association (CESA) 2. Information Technology Students Association (ITSA) 3. I²IT Society of Electronics Telecommunication Students (ISETS) 4. FE Student Association (FESA) The students associations energetically organize activities for the students by the students. The Students Associations conducts several activities such as technical, non-technical competitions, workshops, guest lectures etc. Technical Committees: 1. ACM Students Chapter 2. IEEE Students Chapter The technical committees helps students stay connected to the wide spread network of research Scholars. The members of student chapters get access to numerous research papers, manuscripts, proceedings etc. The committees inculcate research attitude among students by organizing events like paper and poster presentations, project competitions and conferences. Sports Committee: The Sports Committee shows leadership in organizing various sports activities on and off campus coordinates and promotes participation of students in inter-college sports festivals plans and organizes financially self sustainable inter-college sports activities ensure facilities and equipment are safe, clean, and in good, usable condition at all times. Cultural Committee: The Cultural Committee actively coordinates and participates in several prominent competitions like Purushottam Karandak, Dajikaka Karnadak, Vinodattam Karandak etc. This committee also coordinates the annual cultural event Dhruva. Magazine Committee: The I²IT Dhruva magazine creates a platform for our students to how case their skills and abilities. Be it short stories or poems, social endeavors or real-life experiences, paintings or photographs, this committee helps student unleash their potential to the outside world. Fostering the creativity of our students so that they may go onto become good researchers, imaginative professionals and creative designers is something that this committee aspire for. Social Committees: Yi-I²IT chapter and NSS committee seeks to integrate social responsibility with personality development. These committees are active in organizing several extension activities like Tree Plantations, Blood Donation camps, Swachcha Bharat campaign etc. Other Committees such as Career Management Committee and Personality Development Cell aim at personality development, career development and guidance. Public Relations committee provides complete support to facilitate the recruitment process under the guidance of Training and Placement Cell. The committee is also responsible for managing events on campus. The Institute also has active student representation on administrative bodies such as College Development Committee (CDC) and Class Monitoring Committee (CMC).

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The name of the society shall be ALUMNI ASSOCIATION OF INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY and shall be referred to as the "I²IT ALUMNI ASSOCIATION" subsequently in this Memorandum of Association and Rules Regulations. The Registered Office of the I²IT Alumni Association shall be situated at International Institute of Information Technology (I²IT), Plot No. P-14, Rajiv Gandhi Infotech Park, MIDC – Phase I, Hinjawadi, Pune – 411 057, Maharashtra. Objectives of Alumni Association: a) To provide a forum to establish a link between the alumni, faculty, staff and students of the institute and to help interaction between past and present students of this institute. b) To enable the alumni to participate in activities that would contribute to the general development of the institute. c) To contribute towards the welfare of the alumni d) To assist the alumni with their technical difficulties e) To institute prizes and scholarships, and render financial aid for the needy and deserving students of the institute f) To enhance, modernize,

upgrade the existing facilities at the Engineering Institute and also to improve and upgrade quality of education as per requirement of industry and society with the involvement of the alumni g) To create and update a website of the I²IT Alumni Association and upload relevant information pertaining to the affairs of the I²IT Alumni Association for the benefit of all the Members, Faculty, Staff and the current students of the institute h) To conduct academic meets such as conferences, workshops, seminars, symposia, lectures by eminent personalities from various walks of life etc. for the Members as also for the present students and/or faculty and staff of the Institute on various current subjects / topics of interest and relevance. i) To make available industrial training, internship programs, projects, employment opportunities and other resources and facilities for career advancement to the Members and the Student community in various companies / organizations / institutions of repute through the Alumni j) To arrange seminars, expert lectures, refresher course, advanced courses, national and international conferences and debates in all branches of Engineering and Technology k) To provide and facilitate a conducive environment to the Alumni and the students of the institute to undertake, conduct and / or carry on scientific / Academic study and research in various fields of Engineering and Technology l) To encourage educational, research, cultural, fund raising, sports and such other activities as the Governing Body may deem feet in furtherance of the objects of the I²IT Alumni Association m) To invest and deal with the funds of the I²IT Alumni Association n) To do such other lawful things as are conductive or incidental to the attainment of the above objects and / or beneficial to the interest of the Institute and its Alumni o) To promote entrepreneurship, innovation among the student community at large p) To prepare, maintain and continuously update the information of Alumni and current students of the Institute for better interaction.

5.4.2 – No. of enrolled Alumni:

230

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

115500

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet was arranged on 22nd February 2020

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)

Practice-1:- Decentralization of Placement activities Placement department is responsible for "on-campus" student placements, counselling and support for higher education opportunities and support for students appearing for various competitive examinations. It also supports student internships and industry sponsored projects by way of inviting industry experts to deliver guest lectures, encourage students to take part in various project competitions organized by industries from time to time. Job requirements of industries for various disciplines of engineering are quite different and students have to be counselled accordingly. Institute has therefore decided to have separate placement coordinators for Computer Engineering, Information Technology and Electronics Telecommunication Engineering branches. One faculty member from each of these three departments have been assigned portfolio as placement coordinator. The placement coordinator knows the exact requirements of industries for particular branch of engineering. Head of the department and other faculty members of the department also take active role in arranging

guest lectures of industry experts, inviting industry experts to conduct value-added courses in specialized fields. To conduct these activities, department level MoUs are signed with various industries in coordination with placement coordinator. Internships and sponsored projects are also offered by industries under these department level MoUs for selected students. Placement coordinators also counsel students for higher education opportunities as well as facilitate them for competitive examinations. Record of students is maintained by placement coordinators even after they graduate. By decentralizing these placement activities, department is able to counsel the students individually and any student concern regarding internship, sponsored projects and placements gets addressed promptly. Practice-2:- Library automation Central library of Institute has a rich collection of books comprising of text reference books from renowned publishers. It also has "D-Space" Digital Library Software which is open source software which has been installed in the library to organize, manage and provide an access to the institutional repositories and other digital collection of the library wherein faculty publications, Institute related newspaper clippings, Ph.D. Thesis of faculty members, College Magazine, Half Yearly Institutional Reports, Old project reports etc. have been stored and made accessible to the end users via "on-line" mode. Direct links of National Digital Library (NDL), Swayam, MHRD projects is also made available through the library portal for the users. An access to more than 65,00,000 e-documents such as e-books, e-journals, NPTEL videos, audio lectures, Ph.D. thesis, teaching manuals etc. has been made available. To provide the automated library services to its users, the library has migrated to the cloud based Web Desk ERP library module to make all the library operations computerized. Initially the library was using SOUL 2.0 software developed by INFLIBNET, Ahmadabad for the automation of library activities and services. Library also has the membership of DELNET (Developing Library Network) which provides access to a vast collection of e-resources available on DELNET Discovery Platform which can be accessed "on-line" within or outside the campus. This decentralization of library services is proving to be very effective and students can access library resources from their home during this period of pandemic.

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

Yes

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
Admission of Students	Institute website is updated with You tube video links from faculty members explaining few emerging technological areas, testimonials of outstanding outgoing students to help new students understand the conducive academic environment offered by the institute.
Examination and Evaluation	Class tests, Theory and laboratory assignments are given to students using Google classroom in on-line mode due to pandemic and lockdown of the academic institutions.
Teaching and Learning	Academic Planning and Monitoring Committee (APMC) at Institute level along with Academic coordinators at department level regularly monitor all

	academic activities such as class and laboratory conduction, Guest lectures, Value added courses, Augmentation courses. We have introduced flipped classroom concept and teaching content beyond syllabus in order to provide value addition to the students. Academic Calendar is prepared at the beginning of every semester with all the planned activities and is strictly adhered to.
Library, ICT and Physical Infrastructure / Instrumentation	To provide the automated library services to its users, the library has migrated to the cloud based Web Desk ERP library module to make all the library operations computerized. Initially the library was using SOUL 2.0 software developed by INFLIBNET, Ahmadabad for the automation of library activities and services. Library also has the membership of DELNET (Developing Library Network) which provides access to a vast collection of e-resources available on DELNET Discovery Platform which can be accessed "on-line" within or outside the institute campus.
Research and Development	Institute has made a separate support policy to encourage students and faculty members to do research projects and publish their results in well reputed journals. Center of Excellence in Geo-informatics and Artificial Intelligence (AI) has been established for the same.
Industry Interaction / Collaboration	Linkages with the industries are developed in the form of Guest/expert lectures, Value-added courses and MoUs are signed with industries for student projects, internships and placements.

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

E-governace area	Details
Planning and Development	Faculty members prepare and upload the teaching plans of theory and practical subjects using higher class teaching-learning modules of ERP. This information is accessible to the department academic coordinators, APMC coordinator, HoDs and Principal for regular monitoring purposes.
Administration	Mentor meetings are conducted with students regularly and minutes of these meetings are uploaded in ERP. Library module, Leave application module are also regularly used by students,

	faculty and staff members. ERP is used to upload the learning resources such as syllabus, question bank, lab manual, MCQs, study material, PPTs, notes, video link etc. which are regularly. For smooth functioning of the academics and administration, students' basic detail reports specifying program, year, academic year, division, enrollment number, name, and so on are also created using ERP. used by students.
Finance and Accounts	ERP is used in Finance department to monitor student fee payments, late fees, payment of examination fees and also for issuance of suppliers bills, payments etc. All financial reports are generated for internal and external financial audits.
Student Admission and Support	ERP is used to upload student learning resources such as syllabus, question bank, lab manual, MCQs, study material, PPTs, notes, video links etc. which are used by the students through their individual's ERP account. Mentorship module of the ERP is used to maintain the attendance of the mentor-mentee meetings. Points discussed in the meetings, phone call discussion with students and parents and students counseling information are maintained in the mentorship module. ERP internal assessment module is used to enter the students' class tests attendance, marks obtained in the class tests, and to create various class test reports. For smooth functioning of the academics and administration, students' basic detail reports specifying program, year, academic year, division, enrollment number, name, and so on are also created using ERP.
Examination	Records of student class test marks, Mock on-line examination marks, attendance etc. are maintained in ERP system and students can view their performance in continuous assessment, however the end-semester examinations are conducted by the affiliating University.

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	Name of the professional body for	Amount of support

Year		for which financial support provided	which membership fee is provided	
2020	Prof. Manjusha Amritkar	C for C programmers, Part A	NA	1037
2020	Prof. Varsha Degaonkar	NA	IEEE annual membership	2000
2019	Ankita Dhone	Conference on Physical Education and Training	NA	2076
2019	Prof. Amit Kasar	Publishing paper in International Journal for Research in Engg. Applications	NA	2644
2020	Prof. Ravindra Joshi	National Conference on Emerging Trends in Smart Grid Technologies	NA	6000
2020	Prof. Varsha Degaonkar	Annual General meeting of IEEE	NA	467
2020	Prof. Manjusha Amritkar	NA	ACM annual membership	885
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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)
2020	Open Source "WebGIS Platform"	Open Source "WebGIS Platform"	10/01/2020	11/01/2020	40	5
2020	Improving Productivity in Office	Improving Productivity in Office	25/05/2020	25/05/2020	12	3
2020	FDP on MS Excel	FDP on MS Excel	21/01/2020	21/01/2020	25	17
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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
NBA Accreditation and Teaching - Learning in Engineering (NATE)	1	27/01/2020	17/04/2020	72
Machine Learning Data Analytics	1	09/12/2019	20/12/2019	12
Leadership And Governance In Higher Education Level 2	1	01/12/2019	16/02/2020	72
Data Science and R Programming	1	10/04/2020	23/04/2020	14
Learning, Pedagogy and Effective use of Case Methodology	6	17/05/2020	21/05/2020	5
Making Online Teaching Effective to enhanced student engagement	2	16/05/2020	23/05/2020	8
AICTE ATAL FDP on Cyber Security	1	15/12/2019	19/12/2019	5
FDP on Some aspects of Computational Mathematics (Computer Engineering)	1	10/12/2019	14/12/2019	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
43	48	31	37

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students

Provident fund, Gratuity, Accidental Insurance Cover, Study leave, Maternity benefits, Women Empowerment Programs, Free medical Aid and Emergency Services, On campus employee residences, Doctor on call	Provident fund, Gratuity, Accidental Insurance Cover, Skill enhancement leave, Maternity benefits, Women Empowerment Programs, Free medical Aid and Emergency Services, On campus employee residences, Doctor on call	Wi-Fi enabled campus, Cafeteria and clean drinking water facilities, Reprographic facilities

6.4 – Financial Management and Resource Mobilization

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

Hope Foundation's International Institute of Information Technology (I²IT) being an entity promoted by the Finolex Group of Companies had a dedicated internal audit team through M/s. Finprop Advisory Services Limited for all the group companies as well as the promoted educational divisions under the Trust/Society. This internal audit team has been functioning on a honorary basis and has been instrumental is setting up the financial controls and systems since the date of inception of the institute in the year 2011 and brought in a methodical and organized approach to evaluate and constantly improve the financial management, devise strategies for protection from fraud and theft, compliance with laws and regulations, as well as the overall financial control process. The scope of the internal audit program encompassed working of various compliance under appropriate laws and rules and regulations framed there under, sufficient systems and procedures are in place for adherence of institutional policies, physical verification of assets, consumables, stores, inventory, spare parts, and other assets, proper books of accounts, vouchers along with supporting documents are maintained, confirmation of balances from debtors, creditors and other parties are obtained periodically at the year end and proper systems and procedures are in place for internal control at the various department levels. The external audit is performed by an independent Chartered Accountant appointed as a Statutory Auditor of the Institute who initially reviews the reports and observations made by the Internal Audit Team and the explanations given by the Accountant of the institute. Taking into cognizance these observations, an exhaustive list of requirements is given for compliance and submissions to the Statutory Auditor for completing the auditing of the financial statements of the institute and providing a realistic statement through his audit report that the books of accounts reflect a true and fair view of the operational activities and the financial position of the institute for the relevant financial year. The role of the Statutory Auditors included crucial impact factors like the institute's financial reporting process and the disclosure of its financial information to ensure that the financial statement is correct, sufficient and credible changes, if any, in accounting policies and practices and reasons for the same major accounting entries significant adjustments made in the financial statements / books of accounts arising out of audit findings compliance with statutory requirements relating to financial statements disclosure of any related party transactions reviewing the findings of any matters where there is suspected fraud or irregularity or a failure of internal control systems to look into the reasons for delays in the payments / recoveries from / to creditors / debtors and carrying out any other function/s as deemed necessary in the capacity of Statutory Auditor Audit observations / objections have been settled within the specified time frames for reporting with various regulatory bodies based on the accounting standards and principles under the directions of the Statutory Auditors from time to time.

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
Nil	0	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

0

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	External expert	Yes	IQAC committee
Administrative	Yes	External expert	Yes	IQAC committee

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

1) To monitor student class attendance and their progress in Internal assessments, class tests etc. 2) To provide feedback related to curriculum, infrastructure provided, student counselling etc. 3) To get suggestions for improvement regarding services rendered to students.

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

1) To encourage participation of support staff for skill enhancement, short-term training programs etc. 2) To provide support for upgrading qualifications of support staff. 3) To conduct programs for health awareness, blood donation, cyber security awareness etc.

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

1) Establishing Center of Excellence in Geo-informatics and Artificial Intelligence (AI) 2) Strengthen Entrepreneur Development Cell and encourage students to become Entrepreneurs. 3) Providing value-added courses and Augmentation courses to students from industry experts apart from regular academics. changes

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
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
2019	One day workshop on Outcome Based	21/08/2019	12/06/2019	12/06/2019	40

	Education by Dr. A. K. Sengupta				
2019	Establishing Center of Excellence in Artificial Intelligence (AI)	21/08/2019	12/08/2019	12/08/2019	10
2019	MoU with Wisely-Wise PTE Ltd, Singapore	21/08/2019	30/08/2019	30/08/2019	7
2019	Inaugural International Workshop on Conversational AI	21/08/2019	30/08/2019	30/08/2019	71
2019	Establishing Center of Excellence in Cloud Computing and AWS Cloud Foundation Course	21/08/2019	14/09/2019	14/09/2019	83
2019	Course on Remote Sensing of the Moon by Indian Lunar Missions with Emphasis on Spectroscopic Analysis	24/12/2019	23/12/2019	27/02/2020	5
2019	Course on Space and Spatial Technology-An Introduction	24/12/2019	10/01/2020	10/01/2020	4
2019	Service Agreement with Codex Solutions Pvt Ltd	24/12/2019	06/03/2020	06/03/2020	12
	View File				

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
Nirbhay Kanya Abhiyan	12/02/2020	12/02/2020	58	15
Women Prowess -2020	18/07/2020	18/07/2020	60	30

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
Few initiatives taken for Environmental Consciousness are: - 1) Green landscaping with trees and plants 2) Rain water harvesting 3) Solar energy generation 4) Use of LED lamps 5) Solid and liquid waste management 6) E-waste Management 7) Plastic free campus Percentage power requirement met by renewable energy sources is around 7.6 percent.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	Nill
Rest Rooms	Yes	Nill
Scribes for examination	Yes	2

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
2019	Nill	1	27/02/2020	1	Marathi Bhasha Diwas	Promoting Marathi Language	30
2019	1	Nill	14/09/2019	1	Gram Jal Shakti Scheme/ Water Management in villages	Water conservation in villages	15
2019	1	Nill	26/08/2019	25	Voter ID regist	Registration of	103

| 2019 | Nill | 1 | 22/08/2019 | 1 | Tree plantation at Apang shala | Green Environment at village | 50 |

[View File](#)

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 and Ethics Policy	01/02/2019	The purpose of this Code of Conduct and Ethics Policy is to provide clear framework within which teaching faculty, staff and students are expected to conduct themselves. It also aims to provide harmonious, healthy work environment with honesty, integrity and respect at all levels.
Student Handbook	17/06/2019	The purpose of this handbook is to specify rules and regulations of the Institute, Hostel facilities, library and other facilities provided by the Institute, Anti ragging policy, Student insurance, nearby hospital emergency nos. and other related information to students.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Pandharpur Wari	26/06/2019	27/06/2019	25

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) Tree plantation in campus 2) Replacing LCD bulbs with LED bulbs in step-wise manner 3) Solar panel installation to save electricity 4) Rain water harvesting facility 5) Organic compost facility to utilize dry waste in campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice -1:- 1. Title of the Practice: - To provide support for upgradation of qualifications of teaching and non-teaching staff members. 2. Objectives of the Practice: - Teaching staff, Laboratory staff and Non-teaching staff members are required to upgrade their qualifications and acquire new skills in order to contribute actively to the knowledge-based economy and keep

updated with the latest technological changes while they are working. 3. The Context: Teaching faculty members are required to upgrade their qualifications from Master's level to getting a doctorate degree so as to contribute actively in teaching and research as per the prescribed norms of the affiliating university. Along with regular teaching, faculty members are expected to get actively involved in research, publish research papers in reputed journals and file patents, attend conferences/ workshops / Faculty Development programs to remain updated with the latest technologies. 4. The Practice:- 1) Study Leave /Skill enhancement leave:- Institute has made a policy to grant fully paid study leave for Teaching staff members/ Laboratory staff members who have registered for their Ph.D. and/or Master's degree at a recognized university. The staff member should be university approved /or on probation, and should have completed one year of uninterrupted service with the Institute. This study leave can be availed up to maximum limit of 24 days per academic year (normally 2 days/month) to upgrade the qualifications so as to meet the prescribed norms of regulatory bodies. Teaching staff / laboratory staff who are on Ad-Hoc basis are also eligible for study leave of up to 12 days per academic year (normally limited to 1 day/ completed month of service) with the recommendation of HoD and prior approval of the Principal. Non-teaching staff members who are confirmed or on probation and who have completed one year of uninterrupted service are eligible for skill enhancement leave with full pay of up to 12 days per academic year. 2) Partial reimbursement of expenses incurred for presenting a paper at reputed National/ International conferences, Registration fee for publishing research paper in UGC approved/ reputed Journals, Attending Workshops/ Seminars/ Faculty Development Programs:- Institute has made a policy to support up to 50 of the expenses (up to maximum of Rs. 10,000/- per year) incurred for registration, travel, food, stay etc. for presenting research paper at reputed National/ International conferences, attending workshops/ seminars/ faculty development programs, registration fee for publishing research paper in UGC approved/ reputed journals etc. In case of Indian Patent registration the Institute supports 100 of the registration fee (up to maximum of Rs. 10,000/- per year). In case of International Patent registration, prior approval of management is required. In case of Copyright, the Institute supports up to 50 of the registration fee (up to maximum of Rs. 2000/- per year) with prior approval of the Principal. Institute also supports up to 50 of registration fee (up to maximum of Rs. 2000/- per year) for completing recognized "on-line" courses such as NPTEL, SWAYAM, Coursera, Udemy as well as for membership fee for recognized professional bodies such as IEEE, IETE, ACM, CSI, Indian science congress etc. Detailed policy document is attached herewith. 5. Evidence of Success: Institute has supported 19 teaching faculty members who have registered for their Ph.D. degrees in recognized Indian universities. Out of that, 4 faculty members have already completed their Ph.D. degrees in the last 4 years. Institute has also supported 4 non-teaching staff members to upgrade their qualifications and they have successfully upgraded their qualifications. 6. Problems encountered and Resources Required:- Institute needs additional budget allocation to support the above activities. Also, when a faculty/ staff members avails a study leave, another faculty/ staff member is required to take his/ her charge so that student academics and other institutional activities does not get affected. Best Practice -2:- 1. Title of the Practice:- Introduction of Value-added courses for students 2. Objectives of the Practice:- In order to get industry perspective and to get better understanding of the topics covered in regular university curriculum, value-added courses of minimum 30 Hrs. duration are introduced to the students. The objective is to give practical knowledge and hands-on experience to the students regarding the latest industry trends and applications/tools used in the industries related to the topics covered in the syllabus. The main aim of this practice is to give value addition to the students. Students should learn how the concepts taught in theory are implemented practically in industries so

that they become employable. It is observed that an industry expert sharing the subject knowledge is much more beneficial to the students in the long term. 3. The Context:- These value-added courses are conducted by eminent industry personnel in addition to regular teaching of the curriculum by faculty members. The challenge is to find suitable industry person and his/her time commitment as they are working on very tight project schedules. Usually these value- added courses are arranged on Saturday/Sunday. 4. The Practice:- The value-added courses are arranged from the third year onwards, across all the three branches. Two value-added courses per year are s scheduled for each class. Duration of the course is generally 30 Hrs. depending on the topics covered. The resource persons who have experience in the respective domain are invited from Industry and depending on their schedule, these courses are delivered on Saturday/Sunday so that it does not disturb the regular academics. The idea behind this practice is to expose students to the latest industry trends and applications/tools related to the topics in the curriculum they are studying. It is expected that students learn the latest technological updates from the industry. It will be easier for students to find internships and industry sponsored projects during the Third year and Final year. This will be the first step towards finding job opportunity in industry after their graduation. After all, the aim is to provide value added education to the students, so as to equip them with the necessary skill sets and make them employable so that they can contribute to the society and the nation. 5. Evidence of success:- Due to the value-added courses delivered by the industry experts, many students got interested in the industry sponsored projects and they were selected for internships/on-job/field training while studying their final year. This trend can be significantly seen during the past 3 years in the table below.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.isquareit.edu.in/wp-content/uploads/2021/07/7.2.1-Best-Practices-for-AY2019-20.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

7.3 Distinctiveness:- (Two Centers of Excellence established) Hope Foundation and Research Centre (Hope Foundation), a Public Charitable Trust/ Society was established by Late Shri. Pralhad P. Chhabria, Founder Chairman of Finolex Group of Companies in the year 1979 with the objective of rendering social service in the field of education, medicine and research. Under the aegis of Hope Foundation, our Institute, the International Institute of Information Technology (I2IT) was established and was dedicated to the services of the nation at the hands of Bharat Ratna Late Dr. A P J Abdul Kalam in the year 2003. Under the guidance and leadership of Mrs. Aruna M. Katara, President – Hope Foundation, the governance of I²IT comprises of Board of Governors (BoG), Advisory Council consisting of National and International experts of high repute. Their valuable inputs play vital role in the institute reforms. Also guidelines from College of Engineering Pune (COEP) as our mentor institute provide directions in academic development. Vision of our Institute is "To be a premier academic institution that fosters diversity, value-added education and research, leading to sustainable innovations and transforming learners into leaders". In line with the Vision statement, our Institute has established Research, Development, Consultancy and Collaboration (RDCC) cell to churn out various technological solutions for betterment of life. RDCC cell intends to have collaborative research programs in association with top research institutes in India and abroad. An interdisciplinary approach is encouraged to involve different research and consultancy activities for the industries. Our

institute is striving to develop itself into an institution of Excellence in education and research keeping in mind the contemporary and future needs of India of the highest standards in engineering and technology. To enable research environment, the Institute has formulated two research groups and Centers of Excellence (CoE) in Artificial Intelligence (AI) and Geo-informatics. Each Centre of Excellence consists of faculty members and students who are focused on the domain specific research work. Each Centre is aimed to cater various pathways such as research publications through journals, conference, patents professional trainings through outreach activities, Sponsored research projects from government or consultancy project from Industries and finally involving in incubating start-ups. In this initiative, I²IT received approval for two sponsored research projects titled, "Development of Near Real-Time Regional TEC Mapping at Low-Latitude ASEAN Region Using GNSS Stations (INR 30.27 Lakhs) and Service Oriented Participatory Platform for Local SDI: Smart Civic Services for Second Tier Cities in Thailand and India (INR 10.95 Lakh) funded by ASEAN-India Science Technology Development Fund and Department of Science Technology respectively. Indo-Asean Project involves project partners with Malaysian Thai universities whereas second project consists of IIT Bombay and Two Thai Universities as project partners. Further, the recognition granted to Hope Foundation as a Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR), Ministry of Science Technology, Government of India has definitely added value to the Research Development activities of the Institute for undertaking various funded research projects.

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https://www.isquareit.edu.in/wp-content/uploads/2021/07/7.3.1-Institutional-Distinctiveness-for-AY2019-20.pdf

8.Future Plans of Actions for Next Academic Year

Hope Foundation and Research Centre (Hope Foundation), a Public Charitable Trust/ Society was established by Late Shri. Pralhad P. Chhabria, Founder Chairman of Finolex Group of Companies in the year 1979 with the objective of rendering social service in the field of education, medicine and research. Under the aegis of Hope Foundation, our Institute, the International Institute of Information Technology (I2IT) was established and was dedicated to the services of the nation at the hands of Bharat Ratna Late Dr. A P J Abdul Kalam in the year 2003. Under the guidance and leadership of Mrs. Aruna M. Katara, President – Hope Foundation, the governance of I²IT comprises of Board of Governors (BoG), Advisory Council consisting of National and International experts of high repute. The Advisory Council meets every year and reviews the progress of the Institute and suggest further line of action. The valuable inputs given by Advisory Council plays vital role in the institute reforms. I2IT is a mentee institute of College of Engineering Pune (COEP) and the valuable guidance provided by them also helps the institute to decide short term and long term plan. Vision of our Institute is "To be a premier academic institution that fosters diversity, value-added education and research, leading to sustainable innovations and transforming learners into leaders". To fulfil the vision, I2IT is working with the following plan of action. 1) Establishing Centers of Excellence (CoE) in key technology areas – I2IT has identified four key areas of research, namely Geo-informatics, Artificial Intelligence (AI), Network Security, Robotics Automation. Initially, two Centers of Excellence in Geo-informatics and Artificial Intelligence (AI) have been established and in the year 2019-20 remaining two Centers of Excellence would be established. Each Centre of Excellence consists of faculty members and students who are focused on the domain specific research work. 2) Obtain Permanent Affiliation with Savitribai Phule Pune University (SPPU) – Currently our institute is affiliated with Savitribai Phule Pune University and we plan to obtain permanent affiliation with the University as a first step towards full

autonomy. 3) Full Autonomy - Since we are an affiliated institute with SPPU, syllabus, course structure and examinations pattern is designed by the University and our institute does not have flexibility to design our own syllabus. The syllabus gets updated every four years from the University. This puts some restriction on us in order to bridge the gap between industry and academia, as the pace of technological development of industry is very fast and students need to be equipped with the latest technologies in order to secure good jobs. 4) NBA accreditation - Institute has obtained NAAC accreditation with B grade in April-2019 and is valid for five years. The institute is now gearing up for NBA accreditation of at least two disciplines (out of three) and in near future we will be applying for NBA accreditation. 5) Expansion of two branches - Once NBA accreditation is obtained, the institute is planning to add two more branches