



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	ACHARYA INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	Dr. PRAKASH M.R.
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08022555555
Mobile no.	9448864740
Registered Email	principalait@acharya.ac.in
Alternate Email	prakash@acharya.ac.in
Address	Acharya Dr. Sarvepalli Radhakrishnan Road Acharya PO, Soladevanahalli Bangalore-560 107, India
City/Town	Bengaluru
State/UT	Karnataka
Pincode	560107

2. Institutional Status																			
Affiliated / Constituent			Affiliated																
Type of Institution			Co-education																
Location			Urban																
Financial Status			Self financed																
Name of the IQAC co-ordinator/Director			DR. GOPINATH S.M.																
Phone no/Alternate Phone no.			08022555555																
Mobile no.			8660793877																
Registered Email			ait-iqac@acharya.ac.in																
Alternate Email			acmait@acharya.ac.in																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			https://acharya.ac.in/assets/Internal%20Quality%20Assurance%20Cell/Acharya%20Institute%20of%20Technology/Internal%20Quality%20Assurance/NAAC/SSRs/AIT_SSR_Re_Assessment_23_2_2019.pdf																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			https://acharya.ac.in/assets/Internal%20Quality%20Assurance%20Cell/Acharya%20Institute%20of%20Technology/Internal%20Quality%20Assurance/IQAC/Academic%20Calendars/AIT%20Academic%20Calendars/AIT_Academic_Calendar_2018_2019_Even_Sem.pdf																
5. Accreditation Details																			
<table border="1"> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> <tr> <td>1</td> <td>B++</td> <td>2.79</td> <td>2019</td> <td>01-May-2019</td> <td>30-Apr-2024</td> </tr> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	B++	2.79	2019	01-May-2019	30-Apr-2024
Cycle	Grade	CGPA	Year of Accreditation	Validity															
				Period From	Period To														
1	B++	2.79	2019	01-May-2019	30-Apr-2024														
6. Date of Establishment of IQAC			30-Apr-2016																

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
NBA Presentation	13-Oct-2018 1	250
NBA Workshop	26-Nov-2019 2	150
Faculty Development Program for newly recruited faculty Members	06-Dec-2018 3	50
NBA Workshop	15-Dec-2018 2	150
Academic and Administrative Audit	09-Apr-2019 5	250

L::asset('/','public/').'/public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'. \$instdata->upload_special_status))}}

[View Uploaded File](#)

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
Dr. M N K Harish	Core research grant	SERB	2018 1095	2293000
Mr. Pakirappa	Entrepreneurship Awareness Camp	DST NIMAT	2018 365	80000
Biotechnology	Student Project Programme	KSCST	2019 180	13000
Electronics and Communication Engineering	Student Project Program	KSCST	2019 180	8000
Mechanical Engineering	Student Project Programme	KSCST	2019 180	25000
Mechatronics Engineering	Student Project Programme	KSCST	2019 180	19000

[View Uploaded File](#)

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :	4
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 Uploaded 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)	
Applied for NAAC ReAssessment and graded B in new format.	
Five departments applied for NBA Accreditation and was duly supported by IQAC during the Accreditation Process and four departments accredited by NBA.	
Faculty development program conducted for newly recruited faculty in areas of Teaching Learning Process, Outcome Based Education and other norms to be followed in Acharya Institute of Technology.	
Academic and Administrative Audit conducted in view to improve the TLP, research and personal achievements of all faculty of Acharya Institute of Technology.	
View Uploaded File	
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
Faculty development program for newly recruited faculty	FDP for newly recruited faculty was conducted from 6th December 2018 to 8th December 2018 where around 40 newly recruited faculty were introduced to the organisation, effective teaching practises, Outcome based education and also need for quality excellence in the institute.
Application for NAAC Re-assessment	Acharya Institute of Technology applied for NAAC Re-assessment and awarded B++ in new format.
Application for NBA Accreditation	Four departments-Computer Science and Engineering, Electronics and Communication Engineering, Mechatronics Engineering and Mechanical Engineering accredited by NBA for a period of 3

	years.				
Research Fundings and proposals	A large number of proposals were submitted to various agencies and funding to a sum of 100lakhs was granted during the academic year.				
View Uploaded File					
14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td><td>Meeting Date</td></tr> <tr> <td>Governing Council Meeting, Acharya Institute of Technology</td><td>25-Jun-2021</td></tr> </table>		Name of Statutory Body	Meeting Date	Governing Council Meeting, Acharya Institute of Technology	25-Jun-2021
Name of Statutory Body	Meeting Date				
Governing Council Meeting, Acharya Institute of Technology	25-Jun-2021				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	17-May-2019				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2019				
Date of Submission	28-Feb-2019				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The Acharya Enterprise Resource Planning is the software used by the institute for Management Information System. The list of modules currently operational include: 1. Admissions 2. Academics 3. Proctorship 4. HR Module 5. Inventory 6. Housekeeping 7. Systems 8. Maintenance 9. Link to Online Classes. 10. Faculty Appraisal				

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

"Acharya Institute of Technology, affiliated to VTU, follows the curriculum given by the university. The VTU provide the academic calendar. Based on the VTU academic calendar, college prepares the academic calendar. The academic calendar provides date of commencement of the academic session, duration of

semester, period of internal assessment tests, final semester examinations etc. Each department allocates subjects to teachers based on their choices which will be collected at the end of the semester in the presence of Department academic committee and prepare time table by the time table coordinators. The teachers prepare the lesson plan, course file, teaching materials and delivery content. The lesson plan is prepared by the individual faculty under the guidance of concerned of Department academic committee. Delivery Methods are:

Lectures: Lectures are used to convey information, concepts, theories, and equations of engineering practice. Lectures are used to relate engineering practice with ethical issues. Lectures are also used to expose the students to contemporary issues and the need for life-long learning in the appropriate societal context

Class presentations: Presentations are given to illustrate ideas and concepts through graphical and animation form effectively communicate the working of actual engineering solutions and their impact.

Tutorials: The tutorials help the students in developing better understanding of the subjects and clarifying their doubts that could not be taken up during lectures and problem solving abilities

Assignments: Assignment questions will be given to students which will cover the concepts of the subject

Lab experimental work: Laboratory work demonstrates how theory can be verified by experiments through interpretation of results

Simulations and experimental exercises: Simulations are used to explain the concepts in a better way

E-Learning: identifying online resources for self-learning Learning management system(LMS) materials, NPTEL videos / Technical reports/Journals Webinar/Guest Lectures/Technical Talk: Arranged with industry and academic experts. Students Development Programs: Arranged with industry and academic experts. Industrial Visits; Are arranged to studnts to the working enviornment in the industry and to bridege the gap between the institute and industry The quality of class room teaching is enhanced by giving faculty awareness about pedagogical teaching learning method, blooms taxonomy and Outcome Based Education (OBE) by various workshops an faculty development programs conducted in the Institute. During the course delivery, three internal tests are conducted as per the academic calendar. The quality of the internal test is maintained through following process:

- For every subject, respective faculty prepares question paper inline with VTU question paper
- Question paper will be approved by module coordinator and Head of the Department
- Faculty prepares the answer key / Scheme of evaluation.
- Internal exam coordinator ensures smooth conduction of test and proper valuation of internal books

Department academic committee monitor syllabus coverage for each internal exam and hence make sure 100% syllabus is covered. "

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
Training on Intensive program on Enzyme Biotechnology	NA	21/01/2019	23	NA	Skill Development
ARTIFICIAL INTELLIGENCE IN CIVIL ENGINEERING ADVANCED	NA	13/08/2019	15	Entreprene urship	AI application in Civil
PRECAST CONCRETE TECHNOLOGY	NA	07/09/2019	2	Employabil ity	Latest Trends in In fra-Sectors

	LUMION	NA	02/03/2019	30	Employability	Construction Simulation
	AUTOCAD	NA	04/02/2018	30	Employability	Building Plans Designs
	REVIT	NA	02/02/2019	30	Employability	3D Designs /Renders
	GPS SURVEYING	NA	12/07/2019	30	Employability	Satellite based Surveying
	system design using Xilinx Vivado Design suite	NA	23/07/2018	5	VLSI design engineer/ RTL design engineer	Adding IP cores in PL, Adding Custom IP to the System, Vivado to build an Embedded System
	Summer school on python programming, Embedded system and IOT	NA	07/10/2019	4	Embedded system /IOT engineer	writing python scripts, core scripting elements such as variables, flow control Structures, interface various sensors and actuators to Raspberry PI and uploading data to the cloud, projects in the field of Embedded System and IoT.
	Study, operation, maintenance and safety of Tractors and Agriculture Machinery	NA	01/04/2019	5	NA	Skill Development
	Certificate course- MICROSOFT	NA	29/08/2018	3	NA	Skill Development

TECHNOLOGY ASSOCIATE					
Training on CRISPER Tech Basic Certification Course	NA	25/07/2018	9	NA	Skill Development
One week hands on workshop on Human/ Cancer Cell culture Techniques and MTT assay	NA	10/08/2019	7	NA	Skill Development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	EE-Basic Electrical Engg Lab(18ELEL17)	01/02/2018
BE	HU-Kannada and CIP	01/02/2018
BE	ME-Total Quality Management (15ME664)	01/02/2019
BE	ME-Automation and Robotics (15ME563)	01/08/2018
BE	BT-Biotechnology for sustainable environment (15BT563)	01/08/2018
BE	AE-History flight and technology forecast (15AE561)	01/08/2018
View Uploaded File		

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
Nil	NIL	Nil

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

	Certificate	Diploma Course
Number of Students	140	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
ARC GIS WORKSHOP	28/02/2019	15
Q GIS WORKSHOP	05/10/2018	50

OPURTUNITIES FOR CIVIL ENGINEERS	04/03/2018	48
TECHNICAL TALK ON IMPROVING PERFORMANCE OF CONSTRUCTION PROJECTS	20/09/2018	100
TECHNICAL SEMINAR ON DESIGN AND DETAILING OF STRUCTURES USING CYPECAD	10/03/2018	110
WORKSHOP ON GOOGLE SKETCH UP SOFTWARE	24/10/2018	38
SEMINAR ON "OPPORTUNITIES FOR ENGINEERS IN CONSTRUCTION INDUSTRY"	04/03/2019	75
SEMINAR ON "HOW TO BE INDUSTRY READY"	14/03/2019	230
TECHNICAL TALK ON "HIGH PERFORMANCE CONCRETE	25/04/2019	200
CONSTRUCTION MANAGENMENT	14/03/2019	120
View Uploaded File		

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	AERONAUTICAL ENGINEERING	86
BE	AUTOMOBILE ENGINEERING	80
BE	BIOTECHNOLOGY	20
BE	COMPUTER SCIENCE AND ENGINEERING	128
BE	CIVIL ENGINEERING	140
BE	CIVIL ENGINEERING	120
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	103
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	109
BE	INFORMATION SCIENCE AND ENGINEERING	7
BE	INFORMATION SCIENCE AND ENGINEERING	106
View Uploaded File		

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

Acharya Institute of technology regularly takes feedback from its stake holders like students, alumni, recruiters and parents 1) The institution collects feedback from the passing out students of all the departments during exit interview. Also the students are free to give their feedback anytime during their stay in institute. The data collected is processed. The data is used to implement any corrective or preventive action to rectify the deficiencies. 2) Feedback from alumni is also collected from time to time. This data is used to upgrade the facilities and process. 3) The training and placement cell collects feedback from senior executives from the industry, who visit the campus for campus interviews, on the performance of the students. This feedback is just passed on to the departments to make the necessary changes in program 4) Also, feedback from the students and their parents is obtained to provide valuable inputs for improving the support services like central library, hostels, sports activities, health Centre and transportation. The department clubs/associations also collect feedback from students after every program and the suggestions are considered for improving the facilities/services, a few of such feedback implemented are mentioned below. 1) Library hours (extension of reading room) 2) Remote access of e-resources collected from all premier institutions and faculty from all departments. 3) Establish of EDP cell. 4) Financial support to participate in seminars (conferences) events. 5) Extra coaching for competitive examination. 6) Mock interviews and placements and guidance. 7) Training on a specific domain as per the industry demands 8) Industry connects by having the in the campus. 9) Lecture materials in terms of PPTs and videos for all theory subjects and labs to help low achievers and fast learners 10) Project and internship oriented classes

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	MINING ENGINEERING	60	39	24
BE	MECHANICAL ENGINEERING	120	238	82
BE	INFORMATION SCIENCE AND ENGINEERING	120	744	144
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	120	265	69
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	120	502	126
BE	CIVIL ENGINEERING	120	244	97

BE	COMPUTER SCIENCE AND ENGINEERING	120	967	141
BE	BIOTECHNOLOGY	60	87	35
BE	AUTOMOBILE ENGINEERING	60	137	37
BE	AERONAUTICAL ENGINEERING	60	249	71
View Uploaded File				

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3996	534	255	66	0

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
321	321	4	42	2	7

[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)

Acharya Institute of Technology has a very strong proctorial system to provide student's a sense of security, bonhomie, elderly guidance, mentoring for academic and personal needs. A proctor, a member of the Faculty, so entrusted with the responsibility, pays personal attention to and monitors Student's academic progress in college hours and behavioral process outside the campus. Management motivates and enables a student to look to his proctor as a patriarchal/ matriarchal figure, guide and philosopher by the process which enriches the interaction so essential for the academic ambience embellished with a human touch. A proctor records personal data of each student including parent contact details, regular attendance and academic details, communication details into a software specially designed by the college "AIPS", so that Chief Proctor, Head of the Department, Principal can view details of a student at any time and offer required support. Objective of the proctoring process is to closely monitor student's progress in terms of his attendance, punctuality, academic performance and learning capabilities - as part of the curricular requirements. Also to help identify, outside the curricular requirements, the student's habitual deviations, attitudinal aberrations, utilization of facilities and associative growth of personal attributes. The system provides an early warning through the Proctor's feedback on a periodic basis to the Parents, Heads of departments, Course Co-ordinators, Principal and Management on classified needs for their intervention and mid-course corrections. Allotment of proctors : • As a student reports in first year he/she will be allotted with a proctor. • A group of 20 students will be allotted to one proctor. • All girl students are allotted to female faculty only. • All students from a state/ nation will not be with one proctor to satisfy equal opportunity rule. Regular Communication Process : • Each proctor meets all his proctees fortnightly at a pre specified time slot in regular time table. • Parents are informed attendance, internal exam marks after every IA exam by the proctor. • An SMS/ mail is also sent to parents with these details. • All such communication is recorded in AIPS. Special Case communications: • If a proctee is found to be irregular in attendance, immediate call will be made to parents. • If a proctee is found to be below average in academic

performance proctor will counsel him/her for study style, material, subject teacher guidance etc. • If necessary, parents will be called to meet HOD / chief proctor and take corrective measures. In short proctor system provides the parents a single window source of information about their ward through proctor and expects parents to contact proctor for any support regarding academic needs of their ward.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4530	321	1:14

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
321	321	0	25	56

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
2018	Dr. Suneetha T B	Assistant Professor	Best Project from KSCST
2018	Dr. Shilpa Sivashankar	Assistant Professor	KSCST fund
2018	Devasis Pradhan	Assistant Professor	Adarsh Vidya Saraswati Purashkar-2018, Global Management Council Meet -2018, Ahmadabad , Gujarat
2018	Devasis Pradhan	Assistant Professor	Green Thinkerz Bright Educator-2018, CII Chandigarh, Punjab
2018	Viswanath V	Assistant Professor	RULA Award -2018, Best Researcher in Power Electronics
2019	Kalpavi C Y	Assistant Professor	IARDO Academic Excellence Award-2019 – Best Teacher
2019	Devasis Pradhan	Assistant Professor	Best Lecturer of Electronics, Karnataka Educational Award-2019, NITIAAYOG Govt. Of India
2019	Devasis Pradhan	Assistant Professor	I2OR- Bright Educator Award -2019, CII Chandigarh, Punjab

2018	Dr.MM bagali	Professor	Karnataka Educational award-2018 by youth spirit
2018	Dr.Nijaguna G	Professor	EDUCATIONAL AWARD NATIONAL ROUND BY DR. DEWANG MEHTHA EDUCATION AWARD AS BEST PROFESSOR OF MBA
View Uploaded File			

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	AE	Semester	23/05/2019	13/07/2019
BE	AU	Semester	23/05/2019	13/07/2019
BE	BT	Semester	23/05/2019	13/07/2019
BE	CS	Semester	23/05/2019	13/07/2019
BE	CV	Semester	23/05/2019	13/07/2019
BE	EC	Semester	23/05/2019	13/07/2019
BE	EE	Semester	23/05/2019	13/07/2019
BE	IS	Semester	23/05/2019	13/07/2019
BE	ME	Semester	23/05/2019	13/07/2019
BE	MN	Semester	23/05/2019	13/07/2019
View Uploaded File				

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

The Continuous Internal Evaluation (CIE) forms a major part of the Outcome Based Education System. At Acharya Institute of Technology, the following reforms have been initiated to ensure the practice of OBE by all its stakeholders: 1. Question Paper printing at the central level to maintain confidentiality and transparency. 2. Introduction of concept of innovative questions to enhance the thinking and learning levels of students. 3. Assignments in the form of mini-projects, MOOC courses, role-plays, seminars, quizzes, case studies, etc. to enhance the holistic development of students. 4. Appointment of Internal squad to monitor fair conduction of Internal Assessments. 5. Regular Question paper quality check by module coordinators and Heads of Departments. 6. Display of Course outcomes in question papers for the knowledge of students. 7. Discussion of schemes with students to ensure transparency. 8. Rubrics for assessment of mini-projects, seminars, presentations etc. 9. Department Academic Committee to evaluate the attainment of courses and the program. 10. Department Advisory Board and Department Academic committees to devise activities to bridge the gaps and also suggest reforms in CIE if required.

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

Institution follows strictly the University (VTU) calendar of events from the commencement of semesters to the end of semester including practical and theory examinations. After the sixth week, tenth week and fourteenth week of commencement of the semester, the first, second and third internal test will be conducted and the internal practical exam will be held in the fifteenth week of the semester as per the guidelines given by VTU. Information in this regard is mentioned in our academic calendar of events and is circulated to all the students through the department Heads before the commencement of the semester for students to plan well in advance. Four days after every internal test, faculty are advised to handover the evaluated answer scripts and the scheme will be discussed with the students in the class for clarity of thoughts, understanding evaluation of answer scripts and weightage given to different steps in the answer to ensure transparency in the evaluation by teacher. In accordance to the Examination Time Table released by the VTU, Chief Superintendent (CS) shall arrange through Dean Examination well in advance the requirement of Deputy Chief Superintendent (DCS), Relieving Room Superintendent (RRS), Room Superintendent (RS). Office Superintendent shall hold the responsibility of preparation B-Forms, examination display charts consisting - Students USN, Examination Block Number on daily basis for the VTU Examinations. Dean Examination will send the allotment of examination duties to HODs and Faculty members about DCS and RS duties.

1. Continuous evaluation of three internal assessments will be conducted as per prescribed regulations of the University.
2. Course coordinator will set the question paper based on the syllabus covered.
3. Question paper will be set for 50 marks and reduced to 30 marks.
4. Average marks scored by students from all three internal tests will be considered for awarding final IA marks along with assignment for 10 marks.
5. Final IA marks will be shared with students for their confirmation and if any clarifications with respect to marks, students can meet course coordinator and clarify the same.
6. Faculty who handled respective subjects will be mapped in VTU portal for uploading marks.
7. Respective faculty members will enter the final IA marks and freeze the same.
8. HOD will check and freeze IA marks from his/her end and then inform principal to freeze.
9. After Principal approval consolidated report of final IA marks will be taken print out.
10. Students and faculty members are informed to verify their marks and sign.
11. Final hard copy of IA marks will be attested by HOD and Principal and sent to VTU. The institute also ensures that the Calendar of Events prepared do not hinder the smooth functioning of Examination activities.

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://acharya.ac.in/assets/pdf/allfiles.pdf>

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
MI	BE	MINING ENGINEERING	48	48	100
ME	BE	MECHANICAL ENGINEERING	106	105	99.06
IS	BE	INFORMATION SCIENCE AND	106	104	98.11

		ENGINEERING			
EE	BE	ELECTRICAL & ELECTRONICS ENGINEERING	89	89	100
EC	BE	ELECTRONICS AND COMMUNIC ATION ENGINEERING	101	86	85.15
CV	BE	CIVIL ENGINEERING	122	115	94.26
CS	BE	COMPUTER SCIENCE AND ENGINEERING	105	104	99.05
BT	BE	BIOTECHNOL OGY	22	22	100
AU	BE	AUTOMOBILE ENGINEERING	48	46	95.83
AE	BE	AERONAUTICAL ENGINEERING	52	51	98.08
View Uploaded File					

2.7 – Student Satisfaction Survey

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

<https://acharya.ac.in/assets/Internal%20Quality%20Assurance%20Cell/Acharya%20Institute%20of%20Technology/Internal%20Quality%20Assurance/NAAC/SSS/SSS%20-%202018-2019.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
Students Research Projects (Other than compulsory by the University)	365	KSCST-Digital Farming using Aeroponics for Smart cities	0.08	0.08
Students Research Projects (Other than compulsory by the University)	183	KSCST	0.13	0.13
Industry sponsored Projects	365	TATA AUTO GREEN BATTERIES PVT LTD	4.96	4.96

Interdisciplinary Projects	730	DBT, Govt. of India	44	33.42
Major Projects	1095	DST-SERB, Govt. of India	22.93	22.93
Major Projects	365	VGST	5	5
View Uploaded File				

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
Technical Talk On Advances In Wireless Communication	Electronics And Communication Engineering	27/08/2018
Technical Talk On “Vlsi Digital Design And Its Practical Applications”	Electronics And Communication Engineering	10/11/2018
Technical Talk On Prerequisites And Different Domain For Career In Software Companies	Electronics And Communication Engineering	30/10/2018
Workshop On Embedded System Design For Iot Applications Using TI Boards.	Electronics And Communication Engineering	16/01/2019
Workshop On Practical Foundation On Artificial Intelligence.	Electronics And Communication Engineering	07/02/2019
Fdp On Physical Design And Its Verification	Electronics And Communication Engineering	22/07/2019
Fdp On “Semiconductor Devices And Their Applications “	Electronics And Communication Engineering	31/07/2019
Army Engineers And Career Prospects For Engineers In Indian Army	Mechanical Engineering	25/09/2018
Welcome To The Wonderful World Of Shape Memory Alloys	Mechanical Engineering	01/10/2018
3D Printing For Educators	Mechanical Engineering	26/10/2018
Recent Trends In Automotive Electronics	Mechanical Engineering	02/11/2018
Industrial Visit To Ace Designers Foundry Division	Mechanical Engineering	17/11/2018
SAE REEV Conclave	Mechanical Engineering	09/10/2018
Projection Of Points And Straight Lines	Mechanical Engineering	04/10/2018

SAE REEV (Range Extended Electric Vehicle)	Mechanical Engineering	07/02/2019
Entrepreneurship Awareness Camp	Mechanical Engineering	22/02/2019
Study, Operation, Maintenance And Safety Of Tractor And Agricultural Machinery	Mechanical Engineering	01/04/2019
Introduction To Computational Fluid Dynamics [Cfd] Analysis	Mechanical Engineering	06/05/2019
“Thermodynamic Process In Engines – Diesel And Otto Cycle”	Mechanical Engineering	22/04/2019
Engineering Drawing-First Crush Of Every Engineer	Mechanical Engineering	31/05/2019
Recent Advances In Mining Technology (Ramt)	Mining Engineering	23/05/2019
Seminar On SCADA Systems	Mechatronics Engineering	02/05/2018
Technical Talk On “Associative Learning In A Humanoid Robot Using ANNs”	Mechatronics Engineering	16/11/2018
2 Days Workshop On 3D-Printer”	Mechatronics Engineering	16/11/2018
Technical Talk On “Materials And Processes In Aerospace Applications”	Mechatronics Engineering	12/09/2018
Talk On The ABCs Of Innovation	Mechatronics Engineering	23/07/2019
Project oriented Work shop for Civil Engineering students on QGIS Software by “Lithoera Technologies Pvt Ltd	Mechatronics Engineering	23/07/2019
Technical Talk on “VLSI Digital design and its practical applications”	Civil Engineering	10/05/2019
Design of Electric vehicle	Electronics And Communication Engineering	10/10/2018
Skill development on Embedded System Design Using Arduino	Electrical and Electronics Engineering	13/04/2019
	Electrical and Electronics Engineering	19/04/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
PVC Sponges	Students: Sure sh. Tejaswini,	42nd Series Of Student	26/07/2019	Kscst Best Project Award

	Kasturi Teacher: Suneetha T. B	Project Program -Kscst		Funding Of Rs. 7000/-
Biosensors	Students: Leya V, Sandesh C Under Teacher: Dr. Shilpa Shivashankar	42nd Series Of Student Project Program -Kscst	26/07/2019	Kscst Funding Of Rs.6000/-
Refreshable Braille Reader For The Visually Impaired.	Sandeep, Manoj	Kscst, Project Competetion	26/07/2019	Best Project Of The Year Award
Smart Shoes	Prof.Bhagirathi V, Vigneshwari, Sabin, Joanne	Robotex 2019 National Championship	27/07/2019	2 Nd Prize In Robotex 2019 National Championship
Hybrid Approach For Additive Tool Manufacturing: A Case Study In Medical Applications	Prof. Santoshkumar M And Prof. Nagamadhu M	Intex-2019	28/01/2019	3rd I2 Industry - Academia Pavilion Award With Thecash Prize Of Rs.15000/-".
View Uploaded File				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start- up	Date of Commencement
Acharya Technology and Business Incubator	Acharya Technology and Business Incubator	Acharya In stitute	Tourisim e platform	IT	11/10/2018
Acharya Technology and Business Incubator	Acharya Technology and Business Incubator	Acharya In stitute	Spray for mosquito related diseases	EMBEDDED	22/01/2019
Acharya Technology and Business Incubator	Acharya Technology and Business Incubator	Acharya In stitute	Battery	ELECTRONICS	15/03/2019
Acharya Technology and Business Incubator	Acharya Technology and Business Incubator	Acharya In stitute	LEAFBOX PVT LTD	CLEAN TECH	12/04/2019
Acharya Technology and Business	Acharya Technology and Business	Acharya In stitute	App based service delivery	IT	05/02/2018

Incubator	Incubator				
Acharya Technology and Business Incubator	Acharya Technology and Business Incubator	Acharya Institute	Biomagnetic smart solutions for agri	EMBEDDED	15/05/2018
Acharya Technology and Business Incubator	Acharya Technology and Business Incubator	Acharya Institute	Bidding based solution service	ROBOTICS	16/07/2018
View Uploaded File					

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
Biotechnology	2
Computer Science and Engineering	1
Electronics and Communication Engineering	2
Mathematics	1
Mechanical Engineering	1
MBA	1

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	Aeronautical Engineering	3	0
International	Automobile Engineering	3	0
International	Biotechnology	6	0
View Uploaded File			

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
Mechatronics Engineering	14
Mechanical Engineering	20
Information Science and Engineering	3
Electrical and Electronics Engineering	10
Electronics and Communication	13

Engineering	
Civil Engineering	11
Computer Science and Engineering	4
Biotechnology	3
Automobile Engineering	3
Aeronautical Engineering	7
View Uploaded File	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Design of low Reynolds number airfoil for micro aerial vehicle	Somashekar V	IOP Conference Series: Materials Science and Engineering	2018	1	School of Mechanical Engineering, VIT University, Vellore, Tamil Nadu - 632014, India	1
Experimental Investigations of Aerodynamic Performances of S9023 Airfoil	Somashekar V	IOP Conference Series: Materials Science and Engineering	2018	2	School of Mechanical Engineering, VIT University, Vellore, Tamil Nadu - 632014, India	0
Conceptual design of high performance Unmanned Aerial Vehicle	Varsha N Somashekar V	IOP Conference Series: Materials Science and Engineering	2018	3	Department of Aeronautical Engineering, Acharya Institute of Technology, Bangalore - 560107, India	0
Computational modeling of wind flow and its effect on a cubical	Venugopal, M. M. Dr S K Maharana	Journal of Engineering Research and Application	2018	0	Department of Aeronautical Engineering, Acharya Institute of Technol	0

building using Large Eddy Simulation (LES) technique					ogy, Bangalore - 560107, India	
Numerical Investigation of Missile Strike over an Unmanned Aerial Vehicle	K Myageri, KV Dattatraya, BN Shivakumar, R Athani, V Somashekar	Journal of Space Science Technology	2018	0	Department of Aeronautical Engineering, Acharya Institute of Technology, Bangalore - 560107, India	0
Experimental Investigations of Aerodynamic Performances of S9023 Airfoil	KS Nandini, KN Subhashini, V Somashekar	IOP Conference Series: Materials Science and Engineering	2018	0	Department of Aeronautical Engineering, Acharya Institute of Technology, Bangalore - 560107, India	0
Preparation and Characterization Study of Biodegradable Polymer Composite	Prashanth KP and Dr. Hanumantharaju HG	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	0	Acharya Institute of Technology	0
Building a Prediction Model to Predict the Breast cancer Using ANN'S Kernel Based Method	Naganandini. G Vishwanth. R. H	International Journal of Engineering and Technology	2018	0	AIT	0
Content Based Image Search Using Matlab	Manikrao Varalakshmi	International journal of Innovative Research in	2018	0	AIT	0

		Science, Engineering and Technology				
COPQ: Continuous Optimization of the Parallel Queries of the Distributed Triple Stores	K. Shailaja Dr. P. V Kumar Dr. S Durga Bhavani	JARDCS Journal of Advanced Research in Dynamical and Control System	2018	0	AIT	0
View Uploaded File						

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
Realizing Behavioral Patterns using Fuzzy Logic in Market Basket Analysis	Dr P V Kumar	International Journal of Engineering Research Technology (IJERT) ISSN: 2278-0181 Issue 11	2019	0	0	AIT
Finding out fast moving and slow moving items using fuzzy logic	Dr P V Kumar	SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE) – Volume 6 Issue 8	2019	0	0	AIT
Three Class Classification Technique To Predict Road Accident Severity	RameshM Chakrasali Naganandini G	International journal of computer sciences and engineering	2019	0	0	AIT
Automated Traffic Surveillance of Vehicles	Shubham Suresh Naik Rahul Pradeep Shiv kailash	International Conference on Applied Science, Engineering	2019	0	0	AIT

	Using Image Processing	Tiwari Ranjeet Singh Dr. Prashanth C M	and Technology, ICASE T 2019, Sri Sairam College of Engineering, Anekal Bangalore.				
	Preparation and Characterization Study of Biodegradable Polymer Composite	Prashanth KP and Dr. Hanumanth raju HG	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	0	0	AIT
	Efficient Query Optimization in Data Warehouse Using Indexing and Partitioning Techniques by Limit Clause	P. Arpitha Dr. P V Kumar	International Journal of Engineering Science and Computing(IJESC)	2019	0	0	AIT
	Intrusion Detection In Wireless Sensor Network With The Use Of Iyengar Marzullo's Sensing Technique	Latharani T.R.and Dr .G.N.K.Suresh Babu	International Journal of Research and Analytical Reviews (IJRAR)	2019	0	0	AIT
	A Review on Smart Cart Shopping System Using IOT	Anusha B G Dr. Nagaveni V	Journal of Networking, Computer Security and Engineering ,Mantech Publications	2019	0	0	AIT
	Survey on Smart Agriculture Using IOT	Shweta A M Dr. Nagaveni V	Journal of Computer Programming	Nil	0	0	AIT

		and Multimedia , Mantech Publicatio ns				
A Review on Machine Learning C lassificat ion Techniques for Plant Disease Detection	Shruthi U Dr. Nagaveni V	IEEE con ference- ICACCS 2019 Organized by Sri Eshwar College of Engineerin g, Coimbat ore, Tamilnadu, India.	2019	0	0	AIT
View Uploaded File						

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

Number of Faculty	International	National	State	Local
Attended/Semi nars/Workshops	31	89	61	0
Presented papers	21	17	0	0
Resource persons	5	4	16	0
View Uploaded File				

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
Mental Health Day	NSS Unit	2	50
Blood Donation Camp	NSS Unit	4	100
One day workshop on Entrepreneurship and Idea Generation	Department of Biotechnology, Acharya Institute of Technology, Bangalore in association with Department of Bioenergy, MGIRED	2	40
One day workshop on Entrepreneurship and Idea Generation	Department of Biotechnology and Physics Acharya Institute of Technology, Bangalore in	1	30

	association with GIGA Enterprise Company		
Workshop conducted on Wealth from waste series-1- E e-waste	Zero waste society of India Electrochemical society of India, IISc	1	6
MUSKHURAHAT	NSS Unit	2	40
Raksha	NSS Unit	2	30
Prerna	NSS Unit	2	10
Pad Drive	NSS Unit	2	10
Seed Plantation	NSS Unit	26	2
View File			

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
Blood Donation Camp	Appreciation Certificate	Lions Club, Doddaballapur	108
Blood Donation Camp	Appreciation Certificate	Lions Club and Rajiv Gandhi Institute of Child Health	276
View File			

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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Plantation	NSS	Eco club	2	35
Swachh Bharat	Department of Mining Engineering, Acharya Institute of Technology	Plastic Clean Drive	3	35
Swachh Bharat	NSS	Swachh Bharat	2	35
Technical Training	Rotary	WORKSHOP FOR DEAF DUMB	2	40
Tree Plantation	Rotary Bangalore	Tree Plantation	2	35
CSR	iCARE	Support to Kerala and Coorg through Relief Fund	1	50
View File				

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
Faculty Internship at ODU, USA	1 Faculty	Institution Funding	30
Research	Dr. Suneetha T B	Neostick Pvt Ltd.,	365
ODU	4 Students- Shubham Mishra, Palak Tolwani, Zaid Haron, Yuganshu Sanjay Tickoo	ODU, AIT	30
Student project and Internship	5	Self	365
Skill development for the students, Internships, Placement assistance	Students	Self	365
Student Internship at ODU, USA	7 students	Self	30
Erasmus funding at the University of Alicante, Spain(Staff exchange)	1 Faculty	Erasmus funding	5
View File			

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
Texas Instruments Innovation Lab	Embedded system design for IOT applications using TI board	Digital shark technologies private limited	30/08/2018	25/01/2019	Sandhya kumari
Training	Student internship	Old Dominion University	07/07/2018	08/07/2018	1 student
Research Internship	Summer research internship 2018	Old Dominion university, Norfolk	09/07/2018	07/08/2018	Nishanth R

		Virginia, 235290162			
Research Internship	Summer research internship 2018	Old Dominion university, Norfolk Virginia, 235290162	09/07/2018	07/08/2018	Suraj S
Technical assistance and extending Laboratory facility	Memorandum of understanding	The Instution of engineers, #8, Gokhale road kolkata, 700020. (033)2223-3155	20/05/2019	20/05/2019	AMIE Students
Training for faculty and students	IOT Research lab	CDAC- BENGALURU, Aswath Rao S ,9449086827, aswath@cdac.in	04/02/2019	31/07/2019	5 students
Embedded system design for IOT applicationsusing TI board	Embedded system design for IOT applicationsusing TI board	Digital shark technologies private limited	30/08/2018	25/01/2019	Sonal agarwal
Texas Instruments Innovation Lab	Embedded system design for IOT applicationsusing TI board	Digital shark technologies private limited	30/08/2018	25/01/2019	Manoj R K
Job Training	Infosys Campus Connect Program	Infosys Ltd, Ms. Sahana Kumaraswamy, Team Campus Connect, Infosys Limited.	24/11/2018	25/02/2019	63 studnets
Internship	MOU	Old Dominion University, USA	07/07/2019	04/08/2019	7 students
View File					

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
CDAC	05/07/2018	IOT Applications	19

		development	
Red Hat Academy	22/10/2018	Hands on exercise on Open source curriculum and lab	5
M/s CREATUAL CAD VIJAYAWADA, ANDRA PRADESH	11/02/2018	To provide training and placement support for students in Design	5
CDAC	06/07/2018	IOT Applications development	21
View File			

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
400	379.37

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
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

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
KOHA	Fully	17.11	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	68062	29538908	620	313186	68682	29852094
Reference	8451	3667734	67	33835	8518	3701569

Books						
e-Books	12865	865134	11606	1209250	24471	2074384
Journals	187	580204	193	0	380	580204
e-Journals	8360	865134	2291	1209250	10651	2074384
Digital Database	1	2400780	1	2500990	2	4901770
CD & Video	175837	865134	186848	1209250	362685	2074384
Library Automation	4	2643500	4	295000	8	2938500
Weeding (hard & soft)	0	0	0	0	0	0
Others(s pecify)	0	0	0	0	0	0
View File						

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
Mr.Hulluraiah H	CAD/CAM/CAE	Solid Edge 7 Videos	10/05/2018
Mr.Hulluraiah H	CAD/CAM/CAE	Solid Edge 8 Videos	13/05/2019
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	885	675	1	69	1	64	77	1	100
Added	176	155	0	0	0	0	0	0	0
Total	1061	830	1	69	1	64	77	1	100

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

1 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
NIL	NIL

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
700	683.3	1100	1133.16

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)

Centralized Maintenance and Housekeeping (HK) Departments are instrumental in the maintenance and utilization of all the facilities in the college. The maintenance department is responsible for continued maintenance of electric supply to all the blocks in the college. Also maintenance of laboratories are also taken up by the maintenance department. The individual departments maintain log books to record the utilization of computers in the respective computer labs. Also general maintenance of the laboratories is the responsibility of the departments. The students have to enter the components taken for conduction of respective experiments in a log book to keep track of utilization of the laboratory and its equipment. Classrooms are allotted to the respective sections in the beginning of the semester and classes are held as per the time table for the entire year. The utilization of library is also kept on record both for faculty and students. Large proportion of the students make use of the sports complex and the stadium to practice respective sports to represent the college and also for the purpose of fitness. The Physical Education Director is in charge of providing the sports facilities to the students. The housekeeping and maintenance department looks after the allocation and maintenance of seminar halls and the auditorium. The departments have to raise a request to the housekeeping department in the ERP requesting slots to conduct activities in the seminar halls and the auditorium. The housekeeping and maintenance department provides the slots on first come first serve basis and also priority basis. A few of the roles and responsibilities of the maintenance and housekeeping department include: 1.Clean Class rooms, hallways, lobbies, lounges, corridors, elevators, stairways, locker rooms and other work areas. 2.Upholstered furniture, draperies, using vacuum cleaners and/or chemical based products. 3.Empty wastebaskets and all other types of waste - to disposal areas. 4.To request for supplies to keep cleaning materials stocked and readied for use. 5.Sweep, scrub, wax and polish floors, using brooms, mops wet/dry and powered scrubbing machines. 6.Dust and polish furniture and equipment. 7.Keep storage areas and carts well-stocked, clean, and tidy. 8.Polish SS accessories and metalwork such as fixtures and fittings. 9.Wash window glass/railing, walls, ceiling fittings, and woodwork, waxing and polishing as necessary. 10.Request repair services and wait for repair workers to arrive. 11.Disinfect equipment and supplies, using germicides or steam-operated sterilizers. 12.Hang draperies, and dust window blinds. 13.Move and arrange furniture as per the requirement. 14.Observe precautions required to protect the property, and report damage, theft, and found articles to supervisors. 15.Prepare Board rooms for meetings, and arrange decorations, media equipment, and furniture for social or business functions. 16.Clean bathroom basins and sinks. 17.Scrub taps and showers and refill toilet dispensers. 18.Refill paper towels on towel stands. 19.Replenish liquid soap in soap dispenser. 20.Wipe and wash bathroom tiles using appropriate disinfectants. 21.Clean and polish mirrors and wipe any residual paintwork. 22.Empty trash bins and place them in recycle receptacles. 23.Scrub and mop floors using cleaner and bleach. Standard Operating Procedures in the link.

<https://acharya.ac.in/assets/Internal%20Quality%20Assurance%20Cell/Acharya%20Institute%20of%20Technology/Internal%20Quality%20Assurance/IQAC/Handbooks/SOP%20on%20Maintenance%20and%20Housekeeping>

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	Management Scholarship	405	38918046
Financial Support from Other Sources			
a) National	Various Schemes (attached)	1776	48141945
b) International	ICCR	19	4321950
View File			

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
SOFTSKILL TRAINING	05/09/2018	894	INNOVATION LIMITED
SOFTSKILL TRAINING	03/10/2018	977	JV GLOBAL
SOFTSKILL TRAINING	13/02/2019	90	JV GLOBAL
SOFTSKILL TRAINING	22/04/2019	515	AES COMPANY
SOFTSKILL TRAINING	20/05/2019	90	JV GLOBAL
Remedial classes	03/04/2019	30	ECE Faculties(ECE)
Bridge Courses	10/08/2019	352	EEE First Year Faculties
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	GOOGLE SKETCHUP by EDU CADD COMPANY	0	37	0	0
2019	ADVANCE EXCEL & R BY ATS INFOTECH	0	54	0	0

2018	INFOSYS COMPANY SPECIFIC TRAINING	0	187	0	52
2018	PRE - EMPLOYMENT SKILL ASSESSMENT PROGRAM - AMCAT	0	2500	0	280
2018	PRE - EMPLOYMENT SKILL ASSESSMENT PROGRAM - COCUBES	0	1200	0	280
2018	ROBOTIC, IOT, CPMA ATS INFOTECH PVT LIMITED (MICROSOFT COMPANY)	0	61	0	0
2018	SPSS STRATUS LABS	0	195	0	0
View File					

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
5	5	3

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Infosys	439	52	Accenture	60	16
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	ISE	ISE	Northwestern University	M.S. - Computer science
2019	1	EEE	EEE	PESU	M.Tech
2019	2	EEE	EEE	UVCE	M.Tech

2019	1	ECE	ECE	NOTTINGHAM Trent University	M.Sc
2019	1	ECE	ECE	SIT	M.Tech
2019	1	ECE	ECE	RVCE	M.Tech
2019	1	AE	AE	Air Asia	India Cadet Pilot Program
2019	1	AE	AE	Cranfield, UK	M Sc Thermal Power
2019	1	ECE	ECE	AIT	M.Tech
2019	1	ECE	ECE	BITS PILANI	M.Tech
View File					

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	10
View File	

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

Activity	Level	Number of Participants
MathruBhasha Divas	College	400
Acharya Habba	Intrrer College	2000
Garba Night	College	500
Kannada Rajyotsava	College	600
Poorvamanana	College	600
Pro Kabbadi League	Intra College	150
VTU North Zone Ko Kho	Inter College	300
Acharya Premier League	Intra College	150
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Winner - Athletics	National	1	0	1AY16EC418	Suma L
2018	21ST Inter Colligate Athletic Meet -18, Athletic	National	1	0	1AY16EC012	Ankitha M S

2018	VTU Inter Colligate Swimming Competition : 50m Back Stroke	National	1	0	1AY16EC036	Khushnaaz Soni
2018	Winners - Softball	National	1	0	1AY15AE03, 1AY15AE010, 1AY14AE051, 1AY14AE030, 1AY14AE050	Ashwal Hegde T M, Firoz H Tahasildar, Rakesh Athani, Kiran myageri, Prashanth M
2018	Winners, BNZ volley ball men, VTU (inter collegiate zonal tournament) 2019-20	Nill	1	0	1AY15AE004	Aswa Venkatram
2019	Runners, BNZ volley ball men, VTU (inter collegiate zonal tournament) 2018-19	Nill	1	0	1AY15AE004	Aswa Venkatram
2018	VTU Inter Colligate Swimming Competition : 50m Breast Stroke	National	1	0	1AY16EC036	Khushnaaz Soni
2018	VTU Inter Colligate Swimming Competition : 200m Individual Medley	National	1	0	1AY16EC036	Khushnaaz Soni
2018	VTU Inter Colligate Swimming Competition : 400m	National	1	0	1AY16EC036	Khushnaaz Soni

	Free Style					
2018	VTU Inter Colligate Swimming C ompetition : 200m Free Style	National	1	0	1AY16EC036	Khushnaaz Soni

[View File](#)

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

There is a student council in which the students are nominated based on their academics, sports and cultural activities. Meeting of the student representatives are conducted periodically to receive feedback from the students about teaching- learning, hostel life and conduct of sports/cultural events. Student representatives from each department are inculcated as members in various academic and administrative bodies both at department and institutional level. Various academic and administrative bodies in the institution are: Ideating Cell - Implementation of innovative ideas and projects initiated by the students. Placement Cell - Student-Industry interaction to improve employability. Library Advisory Committee - For proper functioning of library and to introduce innovative services. Alumni Association - To maintain a healthy relationship between the institute and graduated students. Women's Cell - To facilitate a gender-sensitive and congenial working environment at the institute. ISTE Student Chapter - Organising workshops, conferences, seminars and publications Class Committee - To create learning situations in which students develop proficiencies based on effective educational and communication skills. Department Association/Forum - Organising workshops, conferences, seminars, project exhibitions, industrial trainings etc. NSS - Social welfare. Anti-Ragging Committee - Welfare of wards and students. Nature Watch club - Environmental conservation and awareness. I-Care - Social welfare and social responsibilities towards society. Cultural Committee/students welfare committee - Planning and implementing of activities that create an environment supportive to cultural awareness, cultural identity, and self-esteem among the students. Acharya Newsletter Committee - Dissemination of information. Idea Incubation Entrepreneur Cell(IIEC) - Identify, nurture and leverage research activities, bringing about innovation for the benefit of the community at large. Acharya Institutes Intellectual Cell - For ideating the ideas CodeChef AIT- To promote culture of competitive programming among students while building a peer learning environment

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institution has a registered alumni association, Registered in 2007 with the Government of Karnataka, Reference No: Society Number BLU -S76-2007-08, CD NUMBERBLUS20 The Main Objective of the alumni association are: 1. Bring the Alumni of Acharya Institute under one platform for the exchange of experience, dissemination of knowledge and talents with the objective of enhancement and sharing of scientific knowledge for benefit of society as a whole 2. To conduct seminars, conferences, webinars, workshops, endowment lectures, and other academic activities for the exchange and promotion of knowledge among students, faculty, and the general public. 3. To create and establish Alumni endowments for granting scholarships, prizes, and medals to the students showing high proficiency in their studies and honor former students of the Acharya Institute

for their achievements in profession/in society. 4. To render financial aid to deserving students of Acharya and also to alumni members on compassionate ground. 5. To encourage the development of employability skills amongst students through Industrial visits and to identify Industry-specific projects 6. To act as a catalyst for national development by encouraging and facilitating the alumni to take up socially relevant activities having an impact on society in general. 7. To create opportunities for alumni and faculty members to collaborate with renowned research institutions around the world to carry out research. 8. To provide financial support to any academic projects or research undertaken to enhance the existing level of knowledge on the subject. 9. To encourage the formation of Regional Chapters inside India and across the world for ensuring wider participation of Alumni Activities and milestones

1. Annual Alumni Meet will be held in March every year and the Meet brings together a wealth of talented and capable professionals 'share their expertise and experience, and brainstorm on the prospective avenues. 2. Alumni Knowledge sharing series is a platform, where the Alumni will get connect with their juniors and Engaging the sessions on recent trends in technology, Pre-placement training, Domain training, etc. 3. Active participation of alumni in various committees like Department Advisory, IQAC, Placements, and Training. 4. The total number of members registered for the Alumni Association is over 7500. 5. Local Chapter in Bangalore, Karnataka, and two International Chapters in the USA (Chicago and San Jose). US chapter was registered during 2016 and 1st US Annual Alumni meet held on 8th October 2016 at Chicago. This marked the genesis of the US chapter of the AIT alumni association. The first-ever alumni meet was an upshot of the amalgamated efforts of alumni in the US and India 6. Alumni Network information: Alumni website is linked to the institution website: acharya.ac.in. The official e-mail: ait.alumni@acharya.ac.in. The official social network Facebook page: <https://www.facebook.com/groups/AcharyaAluminis/>

5.4.2 – No. of enrolled Alumni:

1020

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet - 1, Alumni Knowledge sharing series - 15

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)

Acharya Institute of Technology practices decentralization and participative management as given below: 1. The institute has identified Senior Experienced Professor as Deans for various verticals for overall quality assurance. The Deans and their responsibilities are: Dean Research and Development (RD) : to monitor quality and practices in Research Dean Academics : to ensure effective implementation of outcome based education Dean Student Welfare: to ensure holistic development of the students Dean Faculty Development : to ensure holistic development of faculty Dean Examination : to ensure smooth conduction of examination process 2. The institute has constituted a number of committees mentioned below with representatives from all stakeholders wherever necessary to ensure the smooth functioning of the institute. The committees are responsible to conduct activities under their purview in order to ensure overall quality assurance. The committees constituted at the institute level are: Internal Quality Assurance Cell (IQAC): to ensure the quality systems are

in place for all activities
Grievance Cell : to address the grievances of all stakeholders
Anti-ragging Committee: to curb ragging in the campus
SC-ST Committee: to prevent atrocities against SC/ST students and create awareness
NSS: to contribute significantly towards welfare of the society.
Womens Cell: for Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students and Redressal of Grievances in Technical Institutions
Sports and Cultural Committee: to support students in extra curricular activities
Placement and Training Cell: to provide placements and training to be relevant in the outside world.

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
Curriculum Development	The curriculum is strengthened through Professional and Skill development activities like workshops, Summer/Winter schools, Hackathons, Domain trainings, Leadership pgms, in collaboration with Industry/Research Labs and Institutes which enhances the employability of the students, makes the students globally portable, inculcates research culture and societal connect amongst the students. Feedback and participation from industry and subject experts are taken to frame and execute the skill development pgms. which not only ensures the pgms are aligned with the thrust areas and latest technologies but also provides a platform to students and faculty for better linkage and connect with the industry/Renowned institutes. This has been a way for an increase in opportunities in terms of students internships, projects and placements. The students are encouraged and supported to take up certification courses under MOOC/SWAYAM etc.as a part of assignments under the academic evaluation. The institution has collaboration with noted institutions/universities within the country and abroad which connects the students and faculty with joint project works and publications. The faculty members are encouraged to interact with outside world(industry and institutes) in attending conferences/workshops, faculty exchange pgms to keep abreast of the latest trends and technologies. This helps the faculty in strengthening the curriculum and timely impart this knowledge to the students.

Teaching and Learning	• The DAC at the department level monitors and supports in achieving the learning outcomes of the course amongst all the groups of students. Mentoring and counselling, additional classes are provided for students with lower learning ability and follow up of the same is done. Value added courses, and assignments are given and supported for the advanced learners. • Induction program with emphasis on OBE, Effective teaching learning aids and methodologies, mentoring students etc., for the faculty newly recruited is conducted. The same is put into action and monitored both at the department and institutional level. • Students feedback is taken which acts as the first hand information in looping back either in providing corrective measures of the TLP/recognition of the TLP mechanism of the faculty. • Collaborative learning wherein subject experts in the dept. mentor and supports other faculty or newly recruited faculty in handling the course effectively. • The IQAC TLP audit at the institutional level helps in evaluating the TLP and suggest measures for improvement/brings in the innovative or best practices followed by an individual or dept. across the institution.
Research and Development	Interdisciplinary research has been promoted within the institution and with industry collaboration for various research areas of National importance. Central as well as State Government funded research projects were undertaken to design and develop products related to health-care, energy and environment. A certain percentage of academic relaxation was given to Faculty members to support their research for the growth of institution as well as society. Research scholars were given on-duty leave which helped them to participate and present their research in National as well as International conferences related Science Technologies for the advancement of society.
Examination and Evaluation	Institution follows strictly the University (VTU) calendar of events from the commencement of semesters to the end of semester including practical and theory examinations. After the

sixth week, tenth week and fourteenth week of commencement of the semester, the first, second and third internal test will be conducted and the internal practical exam will be held in the fifteenth week of the semester as per the guidelines given by VTU. Information in this regard is mentioned in our academic calendar of events and is circulated to all the students through the department Heads before the commencement of the semester for students to plan well in advance. Four days after every internal test, faculty are advised to handover the evaluated answer scripts and the scheme will be discussed with the students in the class for clarity of thoughts, understanding evaluation of answer scripts and weightage given to different steps in the answer. This process help in maintaining the transparency in the evaluation by teacher and the students to prepare well for the semester end examination. Also the evaluation of CIE marks is based on different schemes as guided by VTU. For example, 2018-19 scheme, the theory internal marks is 40 in which, 30 marks is awarded for IA tests and 10 marks is awarded for assignments / seminars/ charts/ group activities/ MCQs/ Flipped class room activities/role plays etc.,. Under CBCS scheme, The total IA is calculated for best of three tests and for other schemes, best of two out of three tests is computed. In case if a student could not do well due to medical or any other valid reason and with prior permission from the HOD and the Principal, fourth internal will be given to compensate the loss. Similarly practical IA is computed with 30 marks for the regular conduction of practicals throughout the semester and 10 marks is awarded for the IA test. These IA marks are uploaded online in the VTU website at the end of the semester upon request after the last working day in that semester. VTU intern add this IA marks to the 60 marks each student scores in 100marks paper and declare the semester results.

Library, ICT and Physical Infrastructure / Instrumentation

A State-of-the-Art Learning Resource Centre (Central Library) with an approximate investment of Rs. 32.00 crores having excellent ICTs, LMS, e-

resources was established during the year 2018-19 to provide qualitative enhancement in teaching, learning and research and extension. New modes of information delivery and user focused services to obtain and evaluate scholarly information and knowledge available in main formats were developed. Access to information resources under VTU, INDEST, INFLIBNET, DELNET, HELINET, Shodha-Sindhu, Shodha-Ganga and other national consortia was provided in addition to many subscribed national and international databases. Also international network linkages were established to access learning resources of MIT, Stanford University, University of Illinois, Cambridge University, Oxford University, Tufts University, OCLC, Ohio, USA, National Medical Library, USA, National Agriculture Library, ODI, USA, IDS and other universities and organizations. E-resources of the Library are accessible 24x7 anywhere on campus network (Wi-Fi) and also off campus (remote access through EzProxy). To support research and publications process many new services were introduced to provide sustainable solutions to the Institute's existing and future research environments for the increased research productivity, visibility, dissemination, conservation and evaluation of scholarly output. The Maker spaces/Fab Labs have been established to support qualitative improvements to regain control of technology and design to create new ideas. Digital lending renting and reference Bibliotherapy the Reading Cure resource sharing, MOOCs, Academic Commons/Learning Commons, FedGate and other Resource Discovery Tools, are the new services introduced to enhance student learning and facilitate for better collaboration among students, faculty and Professional staff. Question point service "Ask a Librarian" is another unique online service introduced where online questions/queries and reference questions posted are responded within 24 hours to support excellence in Teaching and Learning KOHA (Single Instance - Multiple Libraries) software was adopted to provide much needed new facilities. IR - Digital Repository of

Publications and Nontraditional Resources: Digital repository of the Scientific and Academic staff publications using DSpace software with web-interface for online download was created. Architecture portfolios, Designs, Paintings, Art and Artifacts, Models, Reports, Ph.D. Theses and Dissertations are also kept on IR. <http://13.232.72.61:8080/jspui/> IR linked to KOHA and accessible on OPAC / Online. Virtual Learning Resource Lab for e-Resources Use and Training: Seventy five (75) Apple Computers have been kept in Virtual Learning Resource Lab. Audio Visual Unit has 10 Apple Computers and Sony on-ear head phones to watch video lessons/lectures from NPTEL, VTU e-learning, SWAYAM Prabha, Khan Academy, MIT, Stanford and access provided for MOOCS, SWAYAM etc. Multi Operating Systems (Mac OS, Windows and Linux) use promoted. MATLAB, MASM, Turbo C and other software, recommended by AICTE installed for data analysis, design, architecture, animation etc. High-speed Internet bandwidth (1 GB) dedicated leased lines from BSNL and RailTel facility has helped to provide excellent support for curriculum enrichment and online courses access and to work with different software.

Human Resource Management

In the Acharya's journey towards creating sustainable high quality institution of management, governance, assurance to help its employees achieve greatness in the pursuit of its purpose", HR function being a key partner to the Governing Council implements variety of tools in the HR space that set the foundation for effective people management. HR at Acharya design, support and enable system, policies and programs to ensure that we have engaged and high quality talent, nurture and institutionalise continuous learning to support Acharya's growth aspirations. HR acts as a change agent in creating a modern, progressive people environment, where purpose-driven talent are attracted, engaged, and motivated by consistent meritocratic HR framework and where high quality human capital capable of realizing AI's goals, are identified, engaged, and rewarded" The key activities of HR at Acharya comprise Hire the potential talent, develop,

	engage human resource in the right role, manage performance, reward the contribution and proactive employee service deliverables, defined Policies, Leave, work-life balance, welfare, promote self development, transparent and open communication.
Industry Interaction / Collaboration	Acharya, since its inception, has been a front runner when it comes to attracting brilliant minds from across the world and in collectively achieving common interests. Acharya has collaborated with several leading industries and universities from across the world in areas of Research, Faculty exchange, Student exchange, International Conferences, Workshops, Curriculum Design, and Development, Technical talks, Internship, Certification Programs, and Partnered incubation centers
Admission of Students	Target group of students have been approached and contact established through schools offering Grade 12. Aptitude test, career counseling sessions have been conducted and subject experts have held one to one session with students and parents. The same initiatives were conducted through online mode to assist parents and students who have expressed interest from outside India. Students with academic excellence, specifically in Math and Science were identified through the partner schools and have been offered scholarships to study at Acharya Institute of Technology. Students with co-curricular, sports excellence have also been given invitation to apply to study at AIT through scholarships.

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

E-governance area	Details
Planning and Development	YES
Administration	YES
Finance and Accounts	YES
Student Admission and Support	YES
Examination	NO

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/	Name of the	Amount of support
------	-----------------	---------------------	-------------	-------------------

		workshop attended for which financial support provided	professional body for which membership fee is provided	
2018	Shirisha Reddy	NA	ICI membership	5000
2018	Chaitra B E	International Conference ICI-IWC 2018 at Bangalore	ICI membership	8000
2018	Sunil s K	NA	ICI membership	5000
2018	Chaitanya K M	NA	ICI Membership	5000
2018	Chandrashekar murthy H K	NA	ICI Membership	5000
2018	Anil Kumar	NA	ICI Membership	5000
2019	Mrs. Geetha N	WORKSHOP on RESEARCH METHODOLOGIES Latex	NA	2000
2018	Sreenath N	Advances in Mechatronics Systems	NA	750
2018	Venugopal M M	IIT, Tirupati	NA	5000
2018	Mahantayya K Hiremath	IIT, Tirupati	NA	5000
View File				

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)
2018	NA	Emerging multidisciplinary trends in biotechnology and engineering. A future perspective	23/08/2019	24/08/2019	0	2
2018	Two day AICTE sponsored National conference conducted	Two day AICTE sponsored National conference conducted	23/08/2019	24/08/2019	1	9

	on “Emerging multidisci plinary trends in Biotechnol ogy Engine ering: A Future per spective”	on “Emerging multidisci plinary trends in Biotechnol ogy Engine ering: A Future per spective”				
2018	Two day workshop conducted on Bioanal ytical tec hniques- Synthesis and Charac terisation of Nanopar ticles	Two day workshop conducted on Bioanal ytical tec hniques- Synthesis and Charac terisation of Nanopar ticles	24/09/2019	25/09/2019	1	9
2019	Embedded system design for IoT applic ations using TI boards	NA	16/01/2019	18/01/2019	25	0
2019	Practical Foundation on Artificial Intelligen ce	NA	07/02/2019	09/02/2019	25	0
2019	Five day Faculty De velopment Program on Mathematic s for Machine Learning	NA	15/07/2019	19/07/2019	51	0
2019	“Pedagogy for engaging millennial generation	NA	25/07/2019	27/07/2019	35	0
2019	3D printing for Educators	3D printing for Educators	26/10/2019	26/10/2019	8	32
2019	NA	Teaching Methods,	25/07/2019	27/07/2019	0	2

		Resources				
2019	VTU Consortium, Library E - Journals	VTU Consortium, Library E - Journals	26/09/2019	26/09/2019	4	2
View File						

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
Faculty Development Programme for Student Induction(FDP-SI)	1	21/07/2019	27/07/2019	7
Faculty Development Programme for Student Induction(FDP-SI)	1	21/06/2019	23/06/2019	3
Pedagogy for engaging millennial generation(FDP)	5	25/07/2019	27/07/2019	3
Two days national workshop on Intellectual Property Rights (IPR)	1	30/01/2019	31/01/2019	2
Three days VGST sponsored Faculty Development Program on Technical Skill development in India	1	23/12/2019	25/12/2019	3
Emerging multidisciplinary trends in biotechnology and engineering. A future perspective	2	23/08/2019	24/08/2019	2
Advances in Mechatronics Systems	3	16/07/2019	20/07/2019	5
Summer course on measurements	2	01/07/2019	05/07/2019	5

for Experimental Research				
Use of E- resources in Teaching Learning and Research	1	26/09/2019	26/09/2019	1
FDPon Design and Analysis of Aircraft Floor Beam	1	01/04/2019	05/04/2019	5
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	25	0	14

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Maternity Paternity leaves for the eligible staff 2. Research Leaves for the staff pursuing Ph.D/Research/Consultancy 3. Registration, Dearness Allowance Travel allowance for attending conferences/workshops/talks/Summits 4. Registration fee reimbursement for staff to take up MOOC courses 5. Transportation facility at a nominal cost from all parts of Bengaluru 6. Staff get fee concession for their ward for studying in the institute 7. Administrative staff get earned leaves in addition to Casual and Sick leaves 8. All the staff get Casual and Sick leaves 9. Deputation of the faculty to take up the internships abroad (Leave, DA TA provided) 10. Leaves (Paid) for attending conferences, workshops and technical talks 11. Staff quarters for eligible and needy staff 12. One-hour	1. Maternity Paternity leaves for the eligible staff 2. Research Leaves for the staff pursuing Ph.D/Research/Consultancy 3. Registration, Dearness Allowance Travel allowance for attending conferences/workshops/talks/Summits 4. Registration fee reimbursement for staff to take up MOOC courses 5. Transportation facility at a nominal cost from all parts of Bengaluru 6. Staff get fee concession for their ward for studying in the institute 7. Administrative staff get earned leaves in addition to Casual and Sick leaves 8. All the staff get Casual and Sick leaves 9. Deputation of the faculty to take up the internships abroad (Leave, DA TA provided) 10. Leaves (Paid) for attending conferences, workshops and technical talks 11. Staff quarters for eligible and needy staff 12. One-hour	Student Welfare Accidental Group Insurance for students Clinical facility on campus Scholarship for poor and meritorious students: 48.71lakhs. Project Internship for Students to do projects in Industries Student Incentives and Awards Additional Library books are provided for Academic front runners Registrations TA/DA for participation in National Conf. and Competitions. Valedictorian award best outgoing student Best Project award for each programme.

permission for early leaving or late coming to the institute for all the faculty 13. ERP - Software for applying leaves, creating lesion plan, marking attendance, monitoring his/her attendance and punch in punch out time is available for all staff 14. Gratuity for all the staff completing five years of service 15. Provident Fund (PF) for all the staff. 16. Well equipped Gym is available in the college campus for all the staff. 17. A doctor and a counsellor (psychiatrist) are available in the campus 18. A well-ventilated, lush green canteen is available in the campus with adequate seating capacity 19. All the teaching staff are given WIFI access and a separate cabin with good ambience. 20. Washrooms are attached to all the staff rooms 21. Drinking water facility is available 22. Staff development programs are arranged on a regular basis to enhance their skills 23. All teaching staff are given one-month vacation leave every year 24. There is a "Grievance redressal cell" in the Campus for all the staff 25. "Anti-Sexual Harassment cell" is available in the Institute 26. Compensation leave for the staff is provided, if the staff works on a Government declared holiday. 27. Two ATM machines are available in the Campus to cater the banking needs of the staff

permission for early leaving or late coming to the institute for all the faculty 13. ERP - Software for applying leaves, creating lesion plan, marking attendance, monitoring his/her attendance and punch in punch out time is available for all staff 14. Gratuity for all the staff completing five years of service 15. Provident Fund (PF) for all the staff. 16. Well equipped Gym is available in the college campus for all the staff. 17. A doctor and a counsellor (psychiatrist) are available in the campus 18. A well-ventilated, lush green canteen is available in the campus with adequate seating capacity 19. All the teaching staff are given WIFI access and a separate cabin with good ambience. 20. Washrooms are attached to all the staff rooms 21. Drinking water facility is available 22. Staff development programs are arranged on a regular basis to enhance their skills 23. All teaching staff are given one-month vacation leave every year 24. There is a "Grievance redressal cell" in the Campus for all the staff 25. "Anti-Sexual Harassment cell" is available in the Institute 26. Compensation leave for the staff is provided, if the staff works on a Government declared holiday. 27. Two ATM machines are available in the Campus to cater the banking needs of the staff

6.4 – Financial Management and Resource Mobilization

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

The finance and accounts of the institute are audited regularly for every financial year. The institute has a mechanism for internal and external audit. The internal audit is up to date. External audit is done by statutory auditors. The last statutory audit was completed for the financial year 2018-19. The auditor report does not have any major objections requiring compliance. The steps involved are as follows: 1. Interim Action of dates for conducting statutory audit by auditor is communicated. 2. Books for account for auditing are prepared. 3. Audit report is generated. 4. Audit objections are duly compiled by accounts department 5. Financials concluded and same is submitted to management for approval.

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
Erasmus funding from University of Alicante, Spain.	154845	The mobility for teaching assignment is carried out within the framework of the Erasmus program
View File		

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	NAAC NBA	Yes	IQAC, AIT
Administrative	Yes	NAAC NBA	Yes	IQAC, AIT

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

1. We invite parents and explicate them how the induction program helps students to have a smooth transition to the Engineering course. Also demystify the parents how the proctor system helps them in monitoring their wards. 2. Every semester Parent – teacher – meeting is organized. The parents are also called by the proctors. The main reason to organize this meeting is to address the attendance and overall performance of the wards. 3. One of our student parent Dr. Gururaj S delivered a session on Role Perception of teachers and teaching in 21st Century in the Induction Program for newly recruits of Acharya Institute of Technology on 6th Dec. 2018.

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

1. Supporting staff are deputed on a need basis to skill enhancement programs and paid leaves are provided for the same 2. Registration fee reimbursement for taking up online courses 3. Training on English speaking and using Microsoft worked/Excel 4. Deputation to acquire additional qualification for technical supporting staff (Promotion to higher positions if found suitable)

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

1. **Certification Courses** : Certification courses in areas of industrial importance have been introduced for the advantage of the students and faculty.

2. **Institute Innovation Cell** : Innovative Project works of students at UG level have been applied in the IIC and the college has been awarded the 5-star status.

3. **In-house faculty development program** : All departments of the institute organised in-house faculty development program using the expertise of the faculty in the department. The FDPs are also kept open for participation from other departments.

4. **Acharya Live (ALIVE)** : Acharya Institute of Technology has developed a LMS platform for conduction on online classes during COVID-19.

5. **NBA Preparation** : With respect to preparation of NBA, non-accredited departments have started working on preparation for NBA with attainment calculations. CO-PO attainment format has been developed for complete calculation of the attainment.

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	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Workshop on NBA and OBE	26/11/2018	26/11/2018	27/11/2018	75
2018	FDP for newly Recruited Faculty	06/12/2018	06/12/2018	08/12/2018	63
2018	Workshop on NBA and OBE	15/12/2018	15/12/2018	16/12/2018	250
2018	Academic and Administrative Audit	08/04/2019	09/04/2019	12/04/2019	250
2018	Workshop on NBA	13/10/2018	13/10/2018	13/10/2018	250
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
Conscious leadership: An interactive workshop	17/11/2018	17/11/2018	48	0

Women self-defence workshop	30/11/2018	30/11/2018	48	0
Awareness of Constitutional and Legal Rights /Entitlements of Women/ students	14/12/2018	17/12/2018	200	500
International Women's Day a talk on women empowerment by Dr Renu Rajani	11/03/2019	11/03/2019	56	0
Poster Presentation Competition on Empowered Women in India	19/03/2019	19/03/2019	38	0
Women's safety and Self- Defense Workshop"	23/03/2019	23/03/2019	60	0

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
Power requirement met by renewable energy sources : ROOF TOP SOLAR PLANT Total power requirement : 1033100 KWH Renewable energy source : 150 KW Renewable energy generated and used : 81470 KWH Energy supplied to the grid : 540 KWH Total Lighting requirements : 3590 Percentage Lighting through LED bulbs : 1 Percentage Lighting through other sources : 99

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	No	0
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of	Number of	Date	Duration	Name of	Issues	Number of
------	-----------	-----------	------	----------	---------	--------	-----------

	initiatives to address locational advantages and disadvantages	initiatives taken to engage with and contribute to local community			initiative	addressed	participating students and staff
2018	1	1	12/07/2019	7	Development in the village by rendering services and train the local with reachable technology and scientific method to maintain Hygiene, Cleanliness and orderliness	Digital Banking, Health Camp, seed bomb	51
2018	2	0	13/07/2019	1	ACHARYA INSTITUTE S in association with Cyber space foundation and Computer Society of India-AIT-Student Branch organised an awareness workshop on "Cyber safety and Consumer awareness "	Importance of Cyber Security	450
2018	0	2	11/05/2019	1	EARTH DAY AND MEDICAL CAMP at Acharya	Awareness about the conservation of en	200

					Campus under the NSS programme	Environment and health	
2018	1	0	11/05/2019	1	A talk on Current environmental issues named NatureWire Organized by Nature club	environmental awareness	50
2018	0	1	28/04/2019	1	Visit to ASHRAYA SEVA TRUST - Jijivisha-old age home by icare group	service for others before self service	40
2018	0	1	27/03/2019	1	iCare Group of Acharya Institutes in collaboration with CSR have initiated a Sanitary Napkins, Tampons and Menstrual Cups Donation Drive	drive is to remove the taboo surrounding the menstrual drive in India.	100
2018	0	1	20/01/2019	1	Acharya Institutes in collaboration with Lions Club conducted free medical camp with blood donation	Health awareness	100

					and veter inary campat Govt Primary School, T ammanahal li.		
2018	0	1	14/11/2 018	1	Orphanage Visit	Donation	15
2018	0	1	21/10/2 018	1	PEOPLE TREE 5K - Beat Arthritis	walkathon on the occasion of WORLD ARTHRITIS DAY-2018.	80
2018	0	1	21/09/2 018	1	Blood Donation Camp	Blood Donation	256
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)
Human Values and Professional Ethics	15/03/2018	The code of conduct handbook has been prepared and published in line with the norms and regulations of the regulating bodies. Acharya Institute of Technology reviews the handbook every year along with the policies and SOPs. The institute constantly keeps track of the notifications and amendments by the regulating authorities to update the content of the handbook.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Acharya Habba	16/03/2019	18/03/2019	1000
Republic day	26/01/2019	26/01/2019	100
Second Nationwide Competition on Constitutional and Legal Rights Entitlements of Women/ students	21/12/2018	21/12/2018	700

Awareness of Constitutional and Legal Rights /Entitlements of Women/ students	14/12/2018	17/12/2018	600
Kannada Rajothsava 2018	01/11/2018	01/11/2018	500
Engineers day celebration by Basic science department	22/10/2018	22/10/2018	150
Army Engineers and Career prospects for Engineers in Indian Army.	25/09/2018	25/09/2018	100
View File			

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

The efforts are to maintain an eco friendly campus with following Practices 1. A qualified and experienced horticulturist team takes care of greenery. 2. 30 of the total open area is covered with around 200 different specimens of trees, 200 species of ornamental and medicinal herbs and shrubs. Bio pesticides are prepared and used for organic farming. Reclaimed water is used for gardening 3. Biogas and sewage water treatment plants are installed in the campus. Agrochemical pesticides are prepared within the campus by vermi composting. Biogas units: Biogas plant is installed at hostel which generates cooking gas from the hostel wastes with a capacity of 3000 liters with a daily feed will be approximately 50 kg food waste from hostel mess. Sewage water treatment: The effluent from the campus is treated and the recycled water is used for gardening. The capacity of the present treatment plant is 3000kiloliters per day. 4. The college has taken its share of social responsibility in reducing carbon emission through renewable energy resources like solar power generation and waste water treatment plant. Institute has set up a roof top solar plant of 150KW, to harness green and clean renewable energy of which 81470 KWH of energy is generated and 540 KWH of energy is generated to grid. 5. "Go Green" activities like Swachh Bharat, Ekta divas, Vana mahotsav, have been conducted in and around the campus. 6. Nature watch club organizes nature camps and other environmental related activities. However no formal audit is carried out. 7. Carbon Neutrality Planned parking is made available for vehicles, at the entrance of the campus. There is a total restriction on vehicular movement in the campus thus reducing carbon emission. Dried leaves and wastes are dumped in bio fertilizer compost pits. 8. Hazardous Waste Management The institute takes care of the chemicals or other waste materials which are hazardous in nature are being disposed off as EPA norms. 9. E- Waste Management The E- Waste is collected and disposed off periodically by the systems department following the guide lines of the regulatory agencies. 10. Campus has set up medical plant garden consisting of different varieties of plants and herbs. 11. Basically Acharya campus has been integrated with modern architecture along with segregated dustbins placed at strategical locations to ensure clean and hygienic environment with an austere aesthetic look

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title: SOCIAL SPACES IN LIBRARY FOR NEW GENERATION USERS 2. Objectives:

Technology and media have ushered in a new era in library and information services. New technologies and opportunities have thrown open many considerations and concerns to deliver the content and engage users to access the resources. As the information and communication technologies are redefined continually and even the users get required information on their desks and mobile gadgets, the 'Physical Space', the 'Third Space' in the libraries has become more relevant and essential to their clientele. Environment, facilities, content, and access to physical and digital resources, quality of services and staff, specific learning needs and other facilities are the prime concern in present changing scenario.

3. The Context It is observed that there is a considerable decline in circulation of print materials, reduced use of reference services, falling gate counts in libraries and the New generation users want libraries, a place meant for group interaction/learning, hold meetings, study in groups, use mobiles/laptops/other learning devices, hold discussions over a cup of tea/coffee and a silent place for self study. Librarians are concerned now how physical libraries increasingly serve an important role as a 'social space', reflecting the changing nature of teaching/learning. Thus there is a need for a more "social" approach in academic libraries by expanding group study spaces and developing 'Information Commons' 'Makerspaces' 'Academic Commons' 'Knowledge Commons' 'Creative Commons' space for 'Ideators, Tinkerers and Makers' 'Collaborative Work Spaces' 'Learning Commons' etc.

4. The Practice: To meet the changing needs of the users and learning attitudes the Learning Resource Centre considered introducing following four important spaces. Social space for Interaction and Knowledge exchange. Quiet space for contemplation. Makerspace for Innovation. Neutral and trusted space for use and a peaceful place for insightful work. After deliberations a few following unique best practices/facilities of Social Spaces have been introduced. Makerspaces, Information Commons, Study Carrel, Creative Commons, Collaborative Workspace to turn the knowledge into action. Group interaction space for social, creativity, brain storming, problem solving, idea generation etc. Internet, Wi-Fi, Power plugs points provided in study carrels, reading/study zones. Support material required for project work, classroom assignments, demos, presentations etc. Multiple User Spaces to explore, learn, and use tools, materials both physical and virtual to develop scientific temper and creativity. Discussion Rooms converted into Ideators, Tinkerers, Makers etc. Users allowed to carry personal Laptops, Cell phones, iPads, Kindle e-readers, Tabs and other gadgets inside the library. Coffee/Tea/Snacks Bar, Relax/Comfort/Casual Reading areas with Newspaper and Magazine zone, separated from main reading/study area to facilitate more social interaction. Library Users can relax, rejuvenate and use their cell phones in this area. 'Ask-the-Librarian - eQuestion Point Service' a complete e-reference management system for increased use of library resources, borrowing, visits to the Library by the users and greater participation in development. Virtual Learning Resource Lab for independent, interactive and self learning. Facilities for data analysis, software for RD, MOOCS, and Audio/Video lessons have been established. One hundred apple computers have been installed in Virtual Learning Resource Lab, a unique facility as a social space for group learning and independent/interactive learning. Reading Room tables and chairs are specially designed to break monotonousness of continuous sitting. Seating arrangements and Sound Masking in reading hall provide privacy for small group discussions/interactions and possible distractions.

5. Evidence of Success: The Best Practice has largely contributed in attracting more demanding complex users and offering them new experiences, empathy, learning, activity, contemplation, seriousness in reading/reference etc. The visitors count at the Gate has drastically increased and the Library has emerged as first stop contact point for information and one of the prime learning centers on campus. These new approaches and Best Practice adopted have resulted in receiving LibTech Award - 2019 for Best Technology Enabled Library and TCSiON

Problems Encountered and Resources Required: While planning the new facilities following aspects were considered to ensure increased efficiency and greater impact. • Reasons for decreasing trend of less of library dependence/usage and identify issues by conducting a survey. • Introducing multipurpose facilities without losing core focus of information and knowledge provider/delivery.

Separate space for Internet Wi-Fi, power plug points and informal sitting facilities. • Attractive interior design, amenities, improved ambiance etc. New designs and congenial atmosphere to new breed of users who are impatient, creative, expressive and social. Providing social spaces and information in the format that the users community needs. Providing a platform for academic events/engagements in library premises. Comfortable open-ended venues for participatory activities. Critical thinking and stimulate intellectual discussion, creativity, innovative ideas, brain storming, group interaction etc. Dealing with and moving away from fixed and rigid framework of rules and regulations. 1. Title of the Practice USING ENTERPRISE RESOURCE PLANNER TO

EFFICIENTLY USE ALL AVAILABLE RESOURCES ON CAMPUS MORE EFFICIENTLY. 2.

Objectives of the Practice Acharya Implemented ERP to ease the workload and enhance transparency on resources available and resource management. This way, the flow of work was streamlined and its progress easy to monitor. Every Teaching, non-teaching staff, and student of Acharya has access to their own ERP portal with relevant modules made available to them. The ERP helps keep track of academic progress and acts as a window of report sharing with the parents. Students can keep track of timetable, assignments, dues via the ERP. Students can also address their grievances through the same. 3. The Context The flow of data and privacy were the primary concern for the ERP tool that was designed. With several modules from admission to Time table allocation, Report Cards, Proctorial Reports, Attendance, Finance, involved identifying and

allowing the appropriate modules to the appropriate person was the next challenge. Students will then have to be familiarized with the software furthermore to make the complete use of the system. Integration of Payment gateway into ERP is another step that would reduce contact and reduce queues drastically. Furthermore, the team will have to ensure the possibility of easily incorporating future requirements like the addition of modules. 4. The Practice From the students perspective, the ERP automatically creates a unique identification number against each admission and along with it a login credential. This is then shared to the official email id of the student. The Unique Identification ID is then used across all relevant tables of data. The Principal has access to create Department and Assign HoDs to each department. Each HoD can assign Create Classrooms and Assign Subjects to each classroom.

Further, each Faculty is assigned the subjects they are to teach. Once the allocation is completed the HoD is to create a timetable. Each Student and Faculty are then assigned the classrooms accordingly with the corresponding subject. This information is then pushed on to the online classroom where the allocation is complete and the student can log in at the assigned time. 5.

Evidence of Success The ERP has enabled an easy transition during the time of CoViD as it has helped not just in setting up an online infrastructure for classes but also to effectively track the progress made by each individual.

This helps ease the work on the administrative team as all the data remains streamlined. Besides the details of the timetable, students can also get information such as their marks report, fee dues, proctorial report, upcoming events, alerts, etc., via the ERP. This will effectively improve transparency and act as a bridge in connecting parents/guardians/sponsors to the students educational progress. Students can give real time feedback to teaching methodology and suggestions, they can share their grievances and keep track of actions taken towards resolving the same more efficiently. They can also decrease wait library, etc. This would reduce wait time significantly and a streamlined process can be established to enhance the efficiency of the

college. From the Administration Point of view, data can be collated with relative ease and can be used to submit reports and keep track of goals set by the Administration. The reports can be then submitted to statutory bodies and other invigilation teams for accreditation and other purposes. 6. Problems Encountered and Resources Required To come up with relevant modules that would work seamlessly across all platforms for a campus of 15,000 was the first challenge. A team of experts were given the problem and were assigned to develop a A team of experts were given the problem and were assigned to develop a method to make the data easy to the eye with emphasis on conveying information relevant to each user. It also was important to ensure that access was given need based and hence division of privileges had to be made according to each department within the campus. The next problem was the potential risk of having a surge of users, this was dealt with upgrading to a to a more stable server. For students it was important to create an application as the number of mobile users are on the higher end.

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

https://acharya.ac.in/assets/Internal%20Quality%20Assurance%20Cell/Acharya%20Institute%20of%20Technology/Internal%20Quality%20Assurance/IQAC/Best%20Practices/AIT_Best_Practices.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

Acharya Institute of Technology(AIT), Bangalore are proud to be the choice of students from around the world. Today, we are Bangalore's Largest composite academic facility with students from different countries pursuing programs in Under Graduate, Graduate and Doctoral levels. This unique strength of Acharya Institute of Technology stems from the fact that we understand the nuances of providing successful curricular and extra-curricular experiences to students from diverse cultural backgrounds. With a clearly defined admission process and streamlined methodologies, complying with local University and Statutory regulations, a strict adherence to Quality Process, the whole experience of admittance and learning is made clear. The world-class facilities for learning, research, evaluation and residence only add to the over-all experience. While students from abroad find these favorable in choosing AIT, as their destination for academic pursuits, many Universities, Scholarship Agencies, Research Institutions and others have actively supported students from their countries to study at AIT. We, at AIT, firmly believe that every aspiration must be nurtured and in continuation of this thought we have constantly innovated newer value add short courses/programs to meet every discerning need of the very aware youth of today. AIT has successfully innovated, delivered programs and provided facilities that support success. AIT envisions itself as the Fountain Head, producing professionals to meet requirements across various fields. Practical learning goes hand in hand with theoretical knowledge, setting up Laboratories and research cells with many of the topnotch industries in relevant fields. And in achieving this we have a multi-pronged approach to enable to students of all walks of life to realize their aspirations. They are as follows 1.Language and Communication evaluation at Semester 1 for every student 2.Basic Concepts evaluation in the area of Maths and Physics 3.Aptitude evaluation 4.Based on the above inputs student mapping is done and they are provided relevant programmes to improve on their weak areas, and strong areas are further honed as per the curriculum designed for specific groups. Specific grouping is achieved based on the results of their initial evaluations 5.Language programmes are delivered through the Cambridge University UK - Language labs established on campus. Students go on to be certified with BEC

(Business English Course) by the end of their communication programmes.

6.Domain skills are delivered based on the specialization chosen by the student. The curriculum is designed with our partner Industries/Corporates of the relevant field. 7.Participating in events like SAE BAJA, Formula Bharath, Tiffan, SAE REEV which are fully sponsored by the institution. These events help students engage in applying theoretical expertise gained from the classroom and put to use in building physical devices. 8. The institute has collaborated with Universities in the US, UK, Germany, Australia, Italy, Indonesia to name a few. These partnerships help provide students an opportunity of hands on advanced learning. The students, during their vacations intern and learn through their involvement in research projects, cultural immersions, joint curricular activities with the Professors and student of these partner Universities.

Provide the weblink of the institution

<https://acharya.ac.in/acharya-institute-of-technology.html>

8.Future Plans of Actions for Next Academic Year

To make AIT Number one institute among VTU affiliated college in terms of rank holders. Enable usage of central library up to 8.00PM on all working days for all our students. Improve the standard of eLearning resources in our library Build the learning materials for all subjects in all the departments with ppts, lecture notes question banks and videos both in theory and practicals Establish First year BE classes at one place in 4th and 5th floor of ANA block with all Basic amenities. Get more funded research Projects for AIT Improve results of all semesters Strengthen Institution Innovation cell to create startup culture in the institution Better the industry institute interaction in all the departments Emphasis will be given to get more SME funding for innovative projects Escalate student projects for KSCST funding in all the departments Sending more ideas for innovation contests Creating Environmental awareness in the student community through periodical forum activities and NSS activities Making every final year student undergo internship in premier industry Propagate collaborative research and product development MoUs with industries and Universities Extending Alumni chapters in Foreign countries Concentrate in improving faculty and student exchange programs Improve quality research publication in all the departments Install CCTV cameras in all the buildings and laboratories to create accountability during working hours and general safety.