



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		DR. AMBEDKAR INSTITUTE OF TECHNOLOGY
Name of the head of the Institution		DR.C.NANJUNDA SWAMY
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08023211232
Mobile no.		9448739885
Registered Email		iqac@drait.edu.in
Alternate Email		principal@drait.edu.in
Address		BDA Outer Ring Road, Mallathahalli, Bangalore -560056.
City/Town		Bangalore
State/UT		Karnataka
Pincode		560656

<b>2. Institutional Status</b>																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	09-Dec-2010																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	Self financed and grant-in-aid																		
Name of the IQAC co-ordinator/Director	Dr.Mahalinga V Mandi																		
Phone no/Alternate Phone no.	08023211232																		
Mobile no.	9448800637																		
Registered Email	iqac@drait.edu.in																		
Alternate Email	principal@drait.edu.in																		
<b>3. Website Address</b>																			
Web-link of the AQAR: (Previous Academic Year)	<a href="https://drait.edu.in/home/IOAC">https://drait.edu.in/home/IOAC</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://drait.edu.in/home/Calendar-of-Events">https://drait.edu.in/home/Calendar-of-Events</a>																		
<b>5. Accrediation Details</b>																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.17</td> <td>2017</td> <td>09-Jun-2017</td> <td>08-Jun-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.17	2017	09-Jun-2017	08-Jun-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.17	2017	09-Jun-2017	08-Jun-2022														
<b>6. Date of Establishment of IQAC</b>	06-Sep-2016																		
<b>7. Internal Quality Assurance System</b>																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date &amp; Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td>Two Days workshop</td> <td>06-Mar-2020</td> <td>150</td> </tr> </tbody> </table>						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	Two Days workshop	06-Mar-2020	150					
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																	
Two Days workshop	06-Mar-2020	150																	

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**8. Provide the list of Special Status conferred 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
World Bank	TEQIP III	World Bank	2017 1095	77000000

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

Yes

Upload latest notification of formation of IQAC

[View File](#)

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

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 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)**

- The academic performance of all departments reviewed through AAA and suggested measures to improve the overall teachinglearning process.
- The administrative performance of all sections reviewed through AAA and suggested measures to improve overall administrative process.
- Monitors the activities throughout the year, makes suggestions and incorporates the remedial measures
- Interaction with Heads of the department for maintaining and sustaining quality teachinglearning process.
- Development of inhouse online feedback system for Stakeholders
- Initiated Performancebased appraisal system (PBAS) thorough API measures for faculty
- Computerization of Examination section and online student's examination results
- Online student fee payment and consolidation
- Initiation of Enterprise Resource Planning (ERP)

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

Plan of Action	Achievements/Outcomes
Schedule of academic and administrative audit within IQAC	IQAC has been sent the policies and the departmental/sections information needed for the auditing well advance along with the auditing schedule. As per the schedule, internal AAA has been conducted and the report has been prepared.
Annual Alumni Meet	Alumni Coordinator organized for the annual alumni meet on 8th December 20
Quality Publication by faculty members	Papers are publishing in reputed journals
Conferences / Workshops / FDPs/SDPs/Guest Lecturers by every department	Conducted by all the departments
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	29-Feb-2020
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	06-Sep-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)	YES -the Institution has a Management Information System for • Admissions, Accounts and financial works • Staff attendance biometric • Library management information system. • Examination section MIS • TEQIP MIS

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
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BE	ME	Mechanical Engineering	05/08/2020
BE	CV	Civil Engineering	08/05/2020
BE	IEM	Industrial Engineering & Management	18/08/2020
BE	EEE	Electrical & Electronic Engineering	08/08/2020
BE	EIE	Electronics & Instrumentation Engineering	14/08/2020
BE	ETE	Telecommunication Engineering	14/08/2020
BE	CSE	Computer Science & Engineering	14/08/2020
BE	ISE	Information Science & Engineering	06/01/2019
BE	MLE	Medical Electronics	16/03/2020
BE	ECE	Electronics & Communication Engineering	22/12/2020

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BE	Computer Science and Engineering	14/08/2019	Machine Learning 18CS62	14/08/2020
BE	Computer Science and Engineering	14/08/2020	Machine Learning Laboratory 18CSL66tory &	14/08/2020
BE	Computer Science and Engineering	14/08/2020	Principles of Economics 18CS644	14/08/2020
BE	Computer Science and Engineering	14/08/2020	Internet of Things 18CS61	14/08/2020
BE	Computer Science and Engineering	14/08/2020	Internet of Things Laboratory 18CSL655	14/08/2020
BE	Computer Science and Engineering	14/08/2020	Artificial Intelligence 18CS553	14/08/2020

BE	Computer Science and Engineering	14/08/2020	Introduction to Big Data Analytics 18CS73	14/08/2020
BE	Computer Science and Engineering	14/08/2020	Block Chain Technologies 18CS741	14/08/2020
BE	Computer Science and Engineering	06/01/2019	Python Programming 18CS35	06/01/2019
BE	Computer Science and Engineering	06/01/2019	Management and Entrepreneurship 18CS51re	06/01/2019
<a href="#">View File</a>				

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
BE	Aeronautical Engineering	15/06/2020
<a href="#">View File</a>		

### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Civil Engineering	08/05/2020
BE	Mechanical Engineering	08/05/2020
BE	Industrial Engineering & Management	11/08/2020
BE	Electrical & Electronics Engineerig	08/08/2020
BE	Electronics & Instrumentation Engineering	14/08/2020
BE	Electronics and Communication Engineering	22/12/2020
BE	Telecommunication Engineering	14/08/2020
BE	Computer Science and Engineering	14/08/2020
BE	Information Science Engineering	06/01/2019
BE	Medical Electronics	16/03/2020

## 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
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Intellectual Property Rights	01/08/2020	582
<a href="#">View File</a>		

### 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	Mechanical Engineering	100
<a href="#">View File</a>		

## 1.4 – Feedback System

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

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Feedback from all the students is taken at the end of every semester through Online secured student feedback system with exceptional quality. The feedback is taken both in formal and informal modes. The Heads of the departments interact frequently with students to take feed back informally about the curriculum delivered. The formal feed back taken at the end of each semester includes questionnaires framed to measure the quality and other aspects of teaching. The feedback taken will be considered for annual appraisal of all faculty members. The faculty are counseled by the heads of the department to improve further. Teachers are encouraged to use the feedback for improving their instruction. This data is otherwise maintained as a confidential document both in the department and in Dean Academics office. Feed back is also taken from all the stake holders such as teachers, parents, alumni and employers frequently to analyse and improve the curriculum to meet the industry needs.</p>

## 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	Medical Electronics	30	17	17
BE	Information Science & Engineering	60	57	57
BE	Computer Science & Engineering	180	180	180
BE	Telecommunication	60	49	49

	<b>Engineering</b>			
BE	Electronics & Communication Engineering	180	176	176
BE	Electronics & Instrumentation Engineering	60	50	50
BE	Electrical & Electronics Engineering	60	54	54
BE	Industrial Engineering & Management	60	27	27
BE	Mechanical Engineering	180	134	134
BE	Civil Engineering	120	99	99
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## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	856	154	203	40	10

## 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
203	248	9	39	17	22

[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)

The teacher shall be appointed as mentors by the respective Head of the Department for a group of students. The functions of such mentors shall be 1. Monitoring the performance of students and to serve as a fire philosopher and guide during their students at the institute 2. Advising the students on all academic matters like registration of courses, dropping of courses and/or withdrawing from courses and reporting the same to the higher authorities for further action. 3. Assessing the students academic performance and monitoring their attendance. 4. Advising the students regarding the number of credits to be registered in the second or subsequent semester based on their performance in first and subsequent semesters. Counselling the students on general matters, discipline conduct and support the students by suitable recommendations wherever necessary. 5. Making suitable arrangements to communicate regarding the issues like students performance, disobedience, continuous absence to classes and any other matters that require the attention of their parents/guardian.



Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4040	253	1:16

## 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
44	5	39	5	83

### 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
2020	Dr.Nandini Prasad K.S	Professor	Best paper award at Springer Conference at Sir.MVIT, Bangalore from 20-21 Feb.,2020
2020	Dr.Nandini Prasad K.S	Professor	NPTEL Star Achiever (NPTEL Believer) from NPTEL, MHRD
2020	Mrs. Vijayalaxmi R.Patil	Professor	NPTEL Discipline Star from NPTEL, MHRD

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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	All Programmees	ODD	01/11/2019	21/01/2020
BE	All Programmees	EVEN	05/09/2020	16/09/2020

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### 2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	4040	0

## 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://drait.edu.in/home/Civil-Engineering-Syllabus>

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
ML	BE	Medical Electronics	10	10	100
IS	BE	Information Science & Engineering	61	61	100
CS	BE	Computer Science & Engineering	206	203	99
TE	BE	Telecommunication	60	58	97
IT	BE	Instrumentation Technology	48	47	98
IM	BE	Industrial Engineering and Management	46	41	89
EC	BE	Electronics and Communication Engineering	182	179	98
EE	BE	Electrical & Electronics Engineering	59	58	98
ME	BE	Mechanical Engineering	168	166	99
CV	BE	Civil Engineering	128	124	97

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**2.7 – Student Satisfaction Survey**

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

[https://docs.google.com/forms/d/e/1FAIpQLSeRdw3SnUyDzQnc-8as\\_4jTL04YcJFzY2RZ\\_iC\\_vmpYfu-GVIA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSeRdw3SnUyDzQnc-8as_4jTL04YcJFzY2RZ_iC_vmpYfu-GVIA/viewform)

**CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION**

**3.1 – Promotion of Research and Facilities**

3.1.1 – The institution provides seed money to its teachers for research

<b>Yes</b>
Name of the teacher getting seed money
Dr. Siddaraju
<a href="#">View File</a>

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
<b>No Data Entered/Not Applicable !!!</b>				
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**3.2 – Resource Mobilization for Research**

3.2.1 – 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
Any Other (Specify)	18	AICTE	101667	101667
Any Other (Specify)	18	AICTE	351167	351167
Any Other (Specify)	18	AICTE	265667	265667
Major Projects	770	AICTE	1453333	1453333
Any Other (Specify)	18	AICTE	300000	300000
Major Projects	1095	AICTE	926885	926885
<a href="#">View File</a>				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

15
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**3.3 – Innovation Ecosystem**

3.3.1 – 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
One day "Companion by Mini tab "software training	IEM	01/02/2019
"Implication of	IEM	19/03/2019

Demotivation and GST"		
"Application of Industries Engineering in Industries "	IEM	10/10/2019
Automation and hands on training and controller"	IEM	18/11/2019
"3D Printing hands on workshop"	IEM	24/01/2020
Project interview for 8th sem students Capgemini	IEM	31/01/2020
Importance of vacuum Cryogenics in basic science Research	IEM	07/03/2020
How to write research papers and publish in International Journals	IEM	09/07/2020
WOLFRAM MATHEMATICA: An Overview	IEM	10/07/2020
<a href="#">View File</a>		

### 3.3.2 – 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
Smart India Hackathon	Amogh M Aradhya, Manav Chethan, Nikitha, Jyothsna	MHRD, Govt. of India	22/07/2019	Hackathon
<a href="#">View File</a>				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
<b>No Data Entered/Not Applicable !!!</b>					
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## 3.4 – Research Publications and Awards

### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
ECE	1
CV	2
TCE	1
EIE	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	TCE	16	3

International	ISE	10	0
International	ECE	25	1.24
International	EEE	13	5
International	IEM	6	0
International	ME	65	1
International	ML	3	0
<a href="#">View File</a>			

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

Department	Number of Publication
TCE	39
ISE	10
EC	25
EEE	13
IEM	6
MECH	65
ML	3
<a href="#">View File</a>	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Machine learning Based Intelligent Automatic Water Tank Cleaning Robot for Home	Published	202041053139.00	07/12/2020
A Portable Device to Measure Blood Pressure, Heart Rate, Body Temperature And Expiratory Flow Rate	Filed	202041009243 A	Nil
Design Of Luminous Light For Vehicle Monitoring System Using IOT	Published	202041031102 A	31/07/2020
<a href="#">View File</a>			

3.4.5 – 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
Penetrative Electro-Thermal-	R Ashwini, Dr C E Nan	International Journal of	2019	1	Dr Ambedkar Institute	2

Convection in a Dielectric Fluid-Saturated Porous Layer Via Internal Heating: Effect of Boundary Conditions	jundappa	Applied and Computational Mathematics			of Technology	
Viscosity variation in Exponentially on Benard-Marangoni-Electroconvection in a Dielectric Fluid Layer	Artpitha Raju B, Rudranna N andihalli, C E Nanjundappa	International Journal of Recent Advances in Science and Technology	2019	0	Dr Ambedkar Institute of Technology	Nil
Buoyancy-surface tension driven forces on electro-thermal-convection in a rotating dielectric fluid-saturated porous layer: effect of cubic temperature gradients	Artpitha Raju B, Rudranna N andihalli, C E Nanjundappa, I S Shivakumara	SN Applied Sciences, Springer	2020	1	Dr Ambedkar Institute of Technology	1
Boundary condition effects on ferro-thermal-convection in a ferrofluid-saturated porous layer with uniform volumetric energy sources	B S Geetha, C E Nanjundappa,	AIP Conference Proceedings	2020	0	Dr Ambedkar Institute of Technology	Nil

Ferro-thermal-convection in a micropolar ferrofluid saturated porous layer and submitted to a Robin thermal boundary condition	A Pavithra, C E Nanjun dappa	AIP Conference Proceedings	2020	0	Dr Ambedkar Institute of Technology	Nil
Internally heated gravity driven convection in a saturated porous layer dielectric fluid	Artpitha Raju B, Rudranna N andihalli, C E Nanjun dappa	AIP Conference Proceedings	2020	0	Dr Ambedkar Institute of Technology	Nil
Rainbow coloring in some corona product graphs	Kulkarni Sunita Jagannatharao, R Murali	Malaya Journal of Mathematics	2019	2	Dr Ambedkar Institute of Technology	Nil
Ricciyamabe solitons on submanifolds of some indefinite almost contact manifolds	G S Shivaprasanna, P G Angadi	Advances in Mathematics: Scientific Journal	2020	1	Dr Ambedkar Institute of Technology	Nil
<a href="#">View File</a>						

3.4.6 – 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
Variety of Rational Resolving Sets of Corona Product of	M Jayalakshmi, M M Padma	Advances in Mathematics: Scientific Journal	2020	Nil	1	Dr Ambedkar Institute of Technology

Graphs						
Buoyancy-surface tension driven forces on electro-thermal-convection in a rotating dielectric fluid-saturated porous layer: effect of cubic temperature gradients	Artpitha Raju B, Rudranna N andihalli, C E Nanjun dappa, I S Shivakumara	SN Applied Sciences, Springer	2020	Nil	1	Dr Ambedkar Institute of Technology
Penetrative Electro-Thermal-Convection in a Dielectric Fluid-Saturated Porous Layer Via Internal Heating: Effect of Boundary Conditions	R Ashwini, Dr C E Nanjundappa	International Journal of Applied and Computational Mathematics	2019	Nil	2	Dr Ambedkar Institute of Technology
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	9	1	Nil	Nil
Resource persons	3	50	24	26
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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr Arun Kumar	Project Based Consultancy	Project Based Consultancy, BMSCE, Bangalore, April -June 2019	40000
Dr Arun Kumar	Project Based Consultancy	DRDO Assessment Honourium (May 5-8	28000



		and 17-19)	
Dr Arun Kumar	Project Based Consultancy	Aerostrovilos April - May 2019	36000
Dr Arun Kumar	Project Based Consultancy	BMS selection Committee Honourium	4000
Dr T N Raju	Project Based Consultancy	Christ University, Ball Milling	3000
Dr T N Raju	Project Based Consultancy	UVCE, Twin Cylinder Bio Diesel Testing	16000
Dr T N Raju	Project Based Consultancy	GMIT, Twin Cylinder Engine Testing	16000
Dr T N Raju	Project Based Consultancy	HKBK College of Engineering, Engine Testing	1500
Dr T N Raju	Project Based Consultancy	Dayananda sagar College of Engineering, Engine Testing	4000
Dr T N Raju	Project Based Consultancy	New Horizon College of Engineering, Diesel Engine Test	7000
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### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
<b>No Data Entered/Not Applicable !!!</b>				
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### 3.6 – Extension Activities

#### 3.6.1 – 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
Health Camp	NSS Dr AIT	1	15
Blood donation Camp	NSS Dr AIT	1	15
Kodagu special camp	NSS Dr AIT	1	15
eco friendly divali	NSS Dr AIT	1	15
campus to community camp	NSS Dr AIT	1	10

Awareness on Smoking and drunk addiction	NSS Dr AIT	1	15
Eye chechup camp	NSS Dr AIT	1	15
eco friendly ganesha festival	NSS Dr AIT	1	15
campus cleaning	NSS Dr AIT	2	15
Tree plantation	NSS Dr AIT	1	10
<a href="#">View File</a>			

3.6.2 – 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
<b>No Data Entered/Not Applicable !!!</b>			
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat	Dr AIT	Campus Cleaning	5	250
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### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Short term training programme	300	AICTE	24
System in a box-essential characteristics	94	Industry Sponsored	1
Perspectives on Intellectual Property Rights	77	Institute	1
Unlocking your talent and developmental skills after graduation	50	Institute	1
<a href="#">View File</a>			

3.7.2 – 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	Duration From	Duration To	Participant
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		with contact details			
Final Year Project	Internship	HAL, Bangalore	01/08/2019	31/08/2019	7
Final Year Project	Internship	Bosch Automotive Electronics India Pvt. Ltd, Bangalore	20/01/2020	31/05/2020	2
Final Year Project	Internship	Defence Bio-Engineering Electromedical Laboratory, Bangalore	20/01/2020	31/05/2020	2
Final Year Project	Internship	Al Muhal Aluminium Glass Cont.L.L.C, Sharjah-Uae	20/01/2020	29/01/2020	1
Final Year Project	Internship	South Western Railways Workshop, Mysuru, Karnataka	01/07/2020	31/07/2020	4
Final Year Project	Internship	Sicoma Mixer India (P) Ltd.	15/07/2019	30/07/2019	3
Final Year Project	Internship	New Mangalore Port Trust (Nmpt)	01/06/2020	31/07/2020	1
Final Year Project	Internship	Indian Plywood Industries Research, Bangalore	01/02/2020	30/04/2020	7
Final Year Project	Internship	Indian Plywood Industries Research, Bangalore	01/02/2020	30/04/2020	4
Final Year Project	Internship	BEML, Bangalore	01/06/2020	30/07/2020	3
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers
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			participated under MoUs
EDISON AMP TECHNOLOGIES	06/03/2020	Promote cooperation in Engineering education and Research work	30
ACTS Consultants	25/01/2020	ACTS Consultants will provide assistance and support to, Dr. AIT UG students to	128
Entuple Technologies(P) Ltd	10/09/2019	Promoting Industry- Academic Interaction	100
Master i2R Solutions	19/06/2019	Industrial Training, Visits, Internships, placement, RD and Skill Development	60
Toyota Kirloskar Motor Pvt. Ltd., Bangalore	09/05/2019	Establishing Excellence Centre at AIT	180
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#### **CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

##### **4.1 – Physical Facilities**

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
806	162

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
No file uploaded.	

##### **4.2 – Library as a Learning Resource**

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Libsoft	Partially	9.2.1	2018

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	69526	20280605	223	53324	69749	20333929
Reference Books	12300	3578929	70	13331	12370	3592260
e-Books	13600	Nill	Nill	Nill	13600	Nill
Journals	229	514197	131	363814	360	878011
e-Journals	8611	2374678	8611	1160250	17222	3534928
Digital Database	Nill	Nill	Nill	Nill	Nill	Nill
CD & Video	3200	Nill	250	Nill	3450	Nill
Library Automation	1	511675	Nill	Nill	1	511675
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Others(s pecify)	1	90000	Nill	Nill	1	90000
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

#### 4.3 – IT Infrastructure

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

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1067	1023	1067	0	0	44	0	1000	0
Added	150	106	150	0	0	44	0	0	0
Total	1217	1129	1217	0	0	88	0	1000	0

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

1000 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

No Data Entered/Not Applicable !!!

#### 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
420.76	258.93	389.3	276.25

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)

The college ensures optimal allocation and utilization of the available financial resources for maintenance and upkeep of different facilities by holding regular meetings of various committees constituted for this purpose and using the grants received the college as per the requirements in the interest of students. Laboratory- Record of maintenance account is maintained by lab technicians and supervised by HODs of the concerned departments. Other measures to maintain laboratories are as follows: The calibration, repairing and maintenance of sophisticated lab equipments are done by the technicians of related owner enterprises. The microscopes used for biological and geological experiments are annually cleaned and maintained by the concerned departments and record of maintenance is maintained by lab technicians and supervised by HODs of the concerned departments. There is systematic disposal of waste of all types such as bio-degradable chemical/chemical and e-waste. Library- The requirement and list of books is taken from the concerned departments and HoDs are involved in the process. The finalized list of required books is duly approved and signed by the Principal. Every year in the beginning of session, students are motivated to register themselves in library to use INFLIBNET. During 2017-18 session the number of INFLIBNET users was 943. The Library has special facility for visually challenged students by setting up two special computers for them. Suggestion box is installed inside the reading room to take users feedback. Their continuous feedback helps a lot in introducing new ideas regarding library enrichment. To ensure return of books, 'no dues' from the library is mandatory for students before appearing in exam. The proper account of visitors (students and staff) on daily basis is maintained. Other issues such as weeding out of old titles, schedule of issue/ return of books etc are chalked out / resolved by the library committee. Sports: Regarding the maintenance of indoor Badminton/ Volley Ball court / TT Courts /Gym on the college sports in charge consult coaches. In their guidance accommodations are arranged. During the session 2017-18 college won the cricket intercollegiate championship. College students also won prizes in Chess, Boxing, Football, Basket Ball (W M), Table Tennis, 400 mts Race, 100 mts race in Univ. level sports. Computers- Centralized computer laboratory established by UGC funds and more funds are used to maintain computers in the college. Computer maintenance through AMC is done regularly and non-repairable systems are disposed off. Classrooms-The college has a building committee for maintenance and upkeep of infrastructure. At the departmental level, HoDs submit their requirements to the Principal regarding classroom furniture and other. The college development fund is utilized for maintenance and minor repair of furniture and other

electrical equipments. With the help of the two full time sweepers cleanliness of class rooms is maintained. They are well equipped with modern tools of cleaning such as mops, gloves and vacuum cleaner. A complaint register is maintained in office in which students as well as faculty can register their problems which are resolved within a set time frame. Students are sensitized

<http://www.drait.edu.in>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	NIL	0	0
Financial Support from Other Sources			
a) National	Govt of India scholarship	2700	67000000
b) International	NIL	Nil	0

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial Coaching	14/08/2020	200	TEQIP
personal counselling and mentoring	03/08/2020	872	DRAIT
Personality Development Program	29/01/2019	60	M/s Swamy Vivekananda Public Trust, Bengaluru.
Participated and won Runner up " yoga competition	25/02/2020	200	RV college of engineering
Induction program for first year students	21/12/2020	872	Dr.AIT
English Lab.	01/08/2019	436	Dr.AIT
Soft Skills	01/08/2019	950	Dr.AIT
Employability Skills	01/08/2019	950	Dr. AIT

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling	Number of students who have passed in the comp. exam	Number of students placed
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			activities		
2019	GATE Aptitude class Language class	455	455	455	455
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

## 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
Philips Tata Consultancy Services (Digital) Infosys	650	455	Accord Software Syntellect	350	19
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	Nil	BE	Electronics Instrumentation Engg.	NIL	NIL
2019	4	BE	Electronics & Instrumentation Engg.	written PG CET	yet to join
2019	1	B.E (IEM)	B.E (IEM)	R.V College of Engineering	M.Tech
2019	1	B.E (IEM)	B.E (IEM)	GERMANY	MS
2019	1	B.E (IEM)	B.E (IEM)	GERMANY	MS
2019	1	BE	ISE	National College of Ireland	Master of Science in Data Analytics
2019	1	BE	ISE	North	MS



				Eastern University , Boston, Massachusetts	
2019	2	BE	ISE	University College Dublin	Master of Science in Data and computational science
2019	1	BE	CSE	University of Florida	MS
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	12
SET	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
MHJPN Cricket tournament	College Level	120
Athletic meet for students staff	College Level	50
State level Kho-kho competition	State level	20
mythri cultural fest	College Level	200
voting awareness programme	College Level	200
Teachers day	College Level	100
sankruthi	National level techno cultural activity	300
kalarava	College Level	150
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Judo Gold medal	National	2	1	1DA19EC164	Vijayala kshmi. H J
<a href="#">View File</a>						

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

The College adopts a well established system of counseling and mentor-mentee system to monitor the student activities. Apart from academic counseling, students with behavioural / personal problems are also counseled by their respective class tutors / mentors, who are further counseled by the HOD and the Principal. Significant cases are brought to the notice of the Counselors. Student Counselling is done in the following ways: a. Through the Women's Cell, EVE (Empowerment through Values Education) b. Through Mentoring Classes handled by the class -in- charge / Tutors. Contribution of IQAC in enhancing awareness about Student Support Services As soon as classes commence for freshers, IQAC orients students and their parents on the welfare measures support services available in the College. Details about scholarships available, the functioning of the Counselling Cell, STEP UP hour, book bank facilities, availability of Grievance and Redressal etc is explained to them. Efforts made by the institution for tracking the progression The Progress of the passed out students is tracked by collecting details through social media platform viz., E- mail, Face book and Whatsapp. a. Feedback received during the Annual Alumnae Meeting. b. Student Database is maintained by all the departments. c. Details are also collected through personal contact with students.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Report on Alumni Activities The Alumni web portal is active and the number of registered Alumni is growing and it has now reached 5268. The entire data base giving Alumni contact work profile are available for any time access. The yearly Alumni meet was prescheduled to second saturday of December every year and this was officially announced in the last Alumni Meet. Keeping up with that this years Alumni meet falls on 7th December 2018 and the same is published on the Alumni web portal and the registration to the event is also open. The Almshines the company which is hired to provide the Alumni service has proposed event follow up so that it just does not end with the meet. They have given a detailed proposal few points are highlighted below. The proposed activites: seek assistance of alumni in placements ? Volunteer to become Batch Ambassador? Instituting Scholarship/crowd-source funds? Take up expert workshop/lecture series? pre-event student almni interaction? Feature expert article series? Pre- event student Alumni interaction attachments: 1. Alumni meet Announcement in the the alumni web portal. 2. Alumni-Meet proposal by Almashines Dr. Dhanthi KJ Date 08-12-2018 Alumni Co-ordinator.

5.4.2 – No. of registered Alumni:

5268

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet on 08-12-2020

### CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 – Institutional Vision and Leadership

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

One of the best practices in the institute is a participative management which gives everyone an opportunity to participate in decision making process. The

College administrative council headed by Principal, vice Principal and other department HODs decide the academic structure and revise them as and when required by conducting brainstorming sessions. The Principal conducts regular meetings with department Heads to discuss the new recommendations to revise the process or content adopted in the institute. In coherence with HOD's suggestions made during the discussion sessions, the administrative council arrive at new policies. To implement the policies effectively, the administrative council lead by Principal is supported by Registrar and office superintendent at ground level. The college follows all such norms laid down by the Government of Karnataka and AICTE in Academic and Administrative Aspects. The case study related to such Participative management is stated as follows:

a) During the affiliation process all departments' heads are requested to send their proposals for commencement of new courses. b) College conducts Seminars, workshops, and FDP's regularly to enable the students and faculty to update with the industry needs. The departments decide the subjects of the seminar, workshops, and FDP's in their departmental meetings and communicate the same to principal and authorities for seeking financial assistance from TEQIP, AICTE etc. This is also an example of participative arrangement. c) The college prepares a financial budget at the beginning of the year. This is prepared by the office administrative head and is with the consultation of all departmental Heads. d) The examinations are carried out periodically throughout the year by examination section. All the section of the administrative departments conducts regular meetings to arrive at participative decision making of the college. The governing body meetings are conducted regularly to take major decisions and review the progress from time to time. This shows the good support from the management for attaining the quality teaching and learning aspects of the college. The participation of students in sports, NSS, NCC, extracurricular activities are encouraged to attain the overall development of students.

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
Research and Development	<p>A committee known as the research promotion and review committee (RPRC) was constituted in 2010 to encourage and monitor the research activities of the faculty and students all the Heads of the department and Ph.D. holders are members of the committee. Financial assistance is extended to faculty and student for presenting their research paper in National and International conferences. Some of the recommendation of the committee and their impact:</p> <p>Recommendations: 1. Motivate faculty and students to inculcate research culture. 2. Motivate faculty to publish quality research papers. 3. Motivate faculty to organize seminars/workshops/conferences. 4. Motivate faculty to obtain RD grants from external agencies, extending incentives to faculties for obtaining RD grants from external agencies. 5.</p>

Performance appraisal of faculty linked to research output. 6. Motivate faculty and students to patent their novel research ideas. Impact: 1. A marked improvement in the quality of student research project 2. A marked improvement in the quantity and quality of the research publications by the faculty. 3. A marked improvement in the number of conferences/workshops/seminars organized by the faculty at the college. 4. A marked improvement in the number of faculty and students participating in the workshops/seminars/conferences. 5. An improvement in the number of RD grants obtained from external agencies.6. A marked improvement in the number of faculty pursuing Ph.D. programs.

Industry Interaction / Collaboration

Separate Industry Institute cell is established to interact with the industry to arrange for seminar, internship, project and industrial visit for the students. The faculties are encouraged to take the projects in collaboration with the industry in their relevant fields. The cell also works toward the consultancy work in collaboration with industry and for the joint patents. By MOU with the industries all the above activities are executed by the cell.

Human Resource Management

Being a Government aided institution, the recruitment is as per government (KCSR) norms. The employees of the institution are Encouraged to upgrade their qualifications with all facilities as per Government norms. For the development of Human resources the following strategies are adopted: Recognition for academic achievement at various levels Motivating faculty members to attend and organize workshops seminars and training programmes in specialized areas etc.

Examination and Evaluation

Every Year, college distributes the Academic regulations book to the newly joined students (1st Year) where detailed information of evaluation processes is published. In addition, evaluation processes are displayed in the notice board of the department, examination section, college and college website. Additionally, the mentors of each student briefs the evaluation process and grading policy

at the beginning of the semester. The faculty also appraises the students of the complete curriculum / lecture wise blow up in the beginning of the session and throughout the course teaching as well. In the beginning of autonomous the evaluation process is followed as per the university process. Later, it decided to go for double valuation i.e., 100 internal and 100 external valuation of the script and if the difference of marks is more than 15 it will be sent for III valuation. Photo copy is provided, revaluation also provided and make up exam is provided as per the Autonomy guide lines of VTU.

In the year 2015 Academic council meeting it is decided to go for photo copy and challenging valuation because of double valuation. Since the institution is free to frame the syllabus and evaluation, the evaluation reforms in compliance with the affiliating university are followed in the best of the spirit the evaluation is all fair the students are satisfied by showing them the evaluated performance in the answer sheets.

Evaluation will be made clear to the students on request/demand. All records are maintained i.e. answer sheets, award lists etc. mid tests are taken and records are maintained. The student's performance/awards are shown to the students to encourage them. For the continuous internal assessment (CIE), 50 of the marks are allotted in each subject and the remaining 50 assessment is made by conducting Semester End Examination SEE. Student should score 40 (20 out of 50 Marks) in CIE to become eligible to write SEE examination in theory courses and 50 (25 out of 50 marks) in Laboratory courses. Three CIEs are provided to each subject for a maximum of 25 marks out of which, best two are taken for announcement of final CIE marks. The CIE question paper consists of Descriptive and Quiz Questions with

Curriculum Development

The curriculum is designed as per the guidelines of Outcome Based Education (OBE). Accordingly the mapping of various criterias are made with curriculum. The starting point is the input from faculty, industries, lead societies and roadmaps. Department committee identifies faculty members

with relevant specialization and assigns the curriculum design to them. Faculty members prepare the course curriculum incorporating the latest developments in the respective subject domains. Department committee lists the courses and prepares semester wise sequence of courses and scheme of study. Periodically department committee meets revisits the curriculum. The proposal is placed before the Board of studies (BOS)/Department Advisory Board (DAB) of the Department, for deliberations and suggestions. The assessment of needs is carried out on the basis of the following: Feedback from all the stake holders. Feedback from industry i.e the organizations where the graduates may get employed and from the organizations which visit the institution for on campus placement process are taken. Independent study by faculty covering latest development trends in research, science and technology are also considered

Teaching and Learning

The teaching-learning and evaluation process is carried out as per the predefined academic calendar and examination procedures through continuous assessment and a letter grade system. Academic calendar mentions the academic days of delivery, schedule for conduct of CIE and SEE, assessment, submission of attendance defaulter report, declaration of results, other institute level events (co-curricular and extra-curricular)

Library, ICT and Physical Infrastructure / Instrumentation

The Institute has a total land area of 20.53 Acres of which about 79725.38 sq.m has been constructed with robust structures for various academic purposes including accommodation facilities for students (hostels). Apart from this 80 Class rooms for UG PG programmes that includes, 3 air conditioned seminar halls, Auditorium, faculty rooms, wide corridor space, good natural lighting and ventilation and open air auditorium with 1000 capacity are available. Every departments are headed provided with built up areas as per the requirements of AICTE in the form of class rooms, laboratories, tutorial and seminar rooms, staff rooms, HOD Room, departmental office and library. Cabins

for HOD, Professors, Associate Professors and Assistant Professors are available with intercom, internet and computing facilities. The campus also provides appropriate parking facility for two wheeler and four wheeler vehicles. Power backup Facilities are provided throughout the college with 250 KVA generators. In addition to this UPS backup in various laboratories are available. The college has sufficient water facilities from RO water purifiers. The college has buses for transport of the students, faculty and staff. Smart campus facility for end to end campus computerization to achieve greater operational excellence has been initiated. The smart campus facilities comprising modules such as admission management, administrative staff services management, and Wi-Fi facilities are available in the campus.

There are leading hospitals are situated within 100 meters of the campus Viz. Fortis hospital and Panacea hospital who provides ambulance services if required. In addition the Govt. run ambulances service is available on call to 108. The college has entered into MOU with Panacea hospital so as to get medical support for any emergency cases related to students, staff and faculty members. The college has independent indoor and outdoor sports facilities and our students are regularly using them for their various sports activities.

B.com,M.P.Ed, Qualified Physical Education Director (PED) is looking after the various sports activities. Outdoor facilities: 200Mtrs. Athletic Ground Cricket ground (60 Yards) Throw Ball Foot Ball Basket Ball court Volley Ball Kabbadi Kho-Kho Court. Indoor facilities: Gymnasium Shuttle Badminton Carom Table tennis. The central Library of the College have a library committee formed by Principal as Chairman, HOD's Librarian as committee members. The purpose of library committee is to improve the services and benefit to the users satisfaction and also improvement of the library infrastructure. Library committee plays a vital role in designing policy matters / decisions for smooth running of the Library. Regular meetings are held to discuss the library related issues.

Responsibilities of Library Committee are Budget Allocation Policy Decisions Forming Rules and Regulations and Controlling its implementation considering demands received from readers and reviewing library rules as per need Advising Librarian to solve administrative problems and Book selection in co-ordination with their respective heads of departments.

Admission of Students

Being a Government Aided Institution the admissions to all programmes of the college are through government based on the CET conducted by Karnataka Examination Authority (KEA), Comed-K, and GOI quota. Since the entrance examination is conducted by Government and competent authority, the process is very much transparent and there is no scope for any deviations. KEA offers wide publicity to effect admissions in various colleges/ branches of the state for M. Tech/M.E. and B. Tech/B. E. programmes. KEA announces the examination dates in the newspapers, television channels as well as on internet. The application is distributed and accepted through nationalized banks. Once the applications are accepted, candidates receive the hall ticket through internet from their respective websites. After the examination, the results are also announced in internet and ranks are declared on the basis of II PUC marks as well as CET Comed-K results (50 PUC 50 entrance marks). Next, the candidates desirous of taking the seat are given an opportunity by KEA to choose the colleges of their choice by giving preferences. Seats are allotted by KEA purely on merit basis depending on the availability of the seats in the respective colleges. The complete admission schedules are advertised in the leading National Dailies, television channels and magazines well in advance and repeating the advertisements two to three times before the counseling sessions. The schedule is also simultaneously displayed on the Website of the KEA and Comed-K. The queries of the aspirants are handled telephonically and through e-mail promptly. The transparency is achieved by displaying the data and results of applicants and those short listed on the KEA and Comed-K Website.



Merit lists are also displayed on the Notice Board based on the Counseling conducted online. Full transparency is ensured at levels by the KEA and ComedK.

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

E-governance area	Details
<p>Finance and Accounts</p>	<p>Institution has separate Finance Committee, as per the UGC guide lines. The committee meets as and when required for the Budget approval, expenditure monitoring, major equipment purchases, balance sheet analysis, college level issues of financial nature etc are well handled by the committee. Institutional mechanism to monitor effective and efficient use of financial resources involves the following: • External audit done annually by a registered Chartered accountant • Transparency in transactions through bills and vouchers. • All major payments done through Bank. • All major expenditures incurred are on the basis of inviting quotations from different vendors. Department level budgeting and periodic review</p>
<p>Student Admission and Support</p>	<p>Being a Government Aided Institution the admissions to all programmes of the college are through government based on the CET conducted by Karnataka Examination Authority (KEA), Comed-K, and GOI quota. Since the entrance examination is conducted by Government and competent authority, the process is very much transparent and there is no scope for any deviations. KEA offers wide publicity to effect admissions in various colleges/ branches of the state for M. Tech/M.E. and B. Tech/B. E. programmes. KEA announces the examination dates in the newspapers, television channels as well as on internet. The application is distributed and accepted through nationalized banks. Once the applications are accepted, candidates receive the hall ticket through internet from their respective websites. After the examination, the results are also announced in internet and ranks are declared on the basis of II PUC marks as well as CET Comed-K results (50 PUC 50 entrance marks). Next, the candidates desirous of taking</p>

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**Examination**

For the continuous internal assessment (CIE), 50 of the marks are allotted in each subject and the remaining 50 assessment is made by conducting Semester End Examination SEE. Student should score 40 (20 out of 50 Marks) in CIE to become eligible to write SEE examination in theory courses and 50 (25 out of 50 marks) in Laboratoru courses. Three CIEs are provided to each subject for a maximum of 25 marks out of which, best two are taken for announcement of final CIE marks. The CIE question paper consists of Descriptive and Quiz Questions with internal choice for 5 marks in case of 2nd, 3rd and 4th year subjects and in case of 1st year subject an additional question for 5 marks is also allotted for self-study component. The attendance requirement to become eligible to write SEE is 85 for each subject. However, for any genuine reasons, there is a provision for attendance condnation to the extent of 10 by the principal based on the recommendations of the respective Head of the department. To clear any subject (Theory/Lab) of any semester, the student shall obtain 40 of 50 marks in SEE. This complements to award the grade for a particular subject.

Planning and Development

The plan has been prepared and is being implemented. Salient features of the plan are as under: Teaching and learning • Selected faculty members are deputed to IISc/IIT/Institutes of National repute for completion of their higher studies. • Faculty members are deputed to IISc/IITs/Industries etc for attending various training programs/conferences. • Invite faculties from foreign universities. • Initiating Skill development centers. • Excellent curriculum development. Research and Development Dr. AIT provides research and an Innovative culture for faculty members. For the Periodic review of RD activities of all departments a Research Progress Review Committee (RPRC) has been constituted. The initiatives are: • Steps are initiated to establish the center of excellence in core areas in collaboration with Industries. • Institute provides Seed money for faculty members to undertake their project of interest and Filing of patents. • Provide publication fees and travel grants for faculty members and students. • Improved Industry interaction. Many MOUs have been signed with industries for promoting sponsored research projects. • Selected students carry out one term internship in industries to complete their project/dissertation work. Research Progress Review Committee is responsible to conduct Research and Development meetings at regular intervals wherein experts share their knowledge. • Community engagement Institute conducts community programs like Blood Donation, Swach Bharath campaign and marathon is organized to spread the importance of health. • Institute initiated Adaptation of the village and working for its developments.

Administration

Head of the Institution, Head of the Academic Sections, Head of the Departments who is administrators/decision makers for various assigned jobs The following statutory committees are functioning in the college to look after the administrative and academic procedures as per the norms stipulated by the UGC. Statutory committees: • Administrative Council (BoG) • Academic Council •

Boards of studies In addition to the statutory committees, the college has the following Non-statutory committees.

- Admissions Committee
- Anti-ragging Committee
- Anti-Sexual Harassment Committee
- Disciplinary Committee
- Purchase Committee
- Grievance Redressal Committee
- Library Advisory Committee
- Student Activities Committee

The above committees are functioning in order to facilitate the successful implementation of autonomy. Each of the committees conducts its meetings regularly.

### 6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Hemanth Reddy M V	Improving Teaching, Learning Research Competence	by Engineering Staff College of India (ESCI), at Leh - Ladakh	99940
2019	Dr.Siddaraju	Strategic Quality Initiatives in Technical Education	Kadmat Island (Lakshadweep)	592380
2019	Mr. Pavan Tejasvi T	National Finite Element Developers' / FEAST Users' Meet	Department of Atomic Energy Convention Centre, Mumbai	6937

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Induction program for Engineering Faculty	nil	28/05/2019	01/06/2019	75	Nil

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Improving Teaching, Learning Research Competence	3	25/06/2019	29/06/2019	5
Design and Analysis of Mechanical Systems (DAMS)	5	10/06/2019	15/06/2019	6
Testing of Civil Engineering Materials and RMC Batching Plant	2	22/07/2019	26/07/2019	5

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
36	36	5	5

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
PF, ESI, Pension Group Insurance	PF, ESI, Pension Group Insurance	Insurance

## 6.4 – Financial Management and Resource Mobilization

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

The Institution has separate Finance Monitoring Committee as per the UGC guide lines. The Finance Committee makes regular meetings as and when required to make decisions on annual budget approval, expenditure monitoring, major equipment purchases, and balance sheet analysis and college level issues of financial nature. The committee arrives at major decisions effectively and ensure the approval of the same from management. Institutional mechanism to monitor effective and efficient use of financial resources involves the following: External audit done annually by a registered Chartered accountant • Transparency in transactions through bills and vouchers. • All major payments done through Bank. • All major expenditures incurred are on the basis of inviting quotations from different vendors. • Department level budgeting and periodic review The college has been appointing external auditors from private company to audit all financial transactions every year. As the institute is under grant-in-aid by Government of Karnataka, the state government through Directorate of Technical Education (DTE) and Audit General (AG) conducts annual audit to monitor the fund related expenditures. Accounts have been audited

regularly. There is no major objections by the auditors. Following are the ways by which college mobilizes resources: The majority of the financial resources at the institute are obtained from the tuition fees collected from the students. PVPWT provides additional fund for infrastructural development. The institute also supplements its resources through grants from sponsored research and development projects from various reputed funding agencies like AICTE, VTU, DST, DRDO, UGC, etc. Few departments generate revenue through Consultancy.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
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6.4.3 – Total corpus fund generated

20136598
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## 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	Faculty from other Institutions	Yes	Department Professors
Administrative	Yes	SBA ASSOCIATE CHARTERED ACCOUNT	Yes	Principal, Registrar, Superintendent

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

The institute has no formal Parent Teacher Association but the parents are in regular touch with mentors of their ward. Parents are regularly communicated with their wards performance, attendance and other short comings if any, after every internals. The parents are encouraged to give their feedback regarding academic delivery system, Infrastructure and Placements. The departments arranges parents meeting once in a semester to communicate the progress of their wards.

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

The college management encourages the support staff to undergo training programme to upgrade their skills regularly. The staff members are also encouraged to pursue Higher studies in their domain.

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

The previous NAAC Peer Team had made a number of recommendations. Our efforts to enhance the quality, had led us to take many initiatives to not only comply with the recommendations, but also go a few steps further. The following measures have been taken in the light of the suggestions made by the peer team in the previous reaccreditation cycle: 1. Teachers may be encouraged to acquire higher qualification through research: lectures and workshops have been organized on various aspects of research, to update and motivate staff for undertaking research publications in peer reviewed journals. 2. Complete automation of library and digital and virtual library may be provided: complete automation of the library has been accomplished with the incorporation of bar

coding to the existing customized software. Bar coding has led to maintaining error-free data of book circulation and efficient stock taking. The library software is linked to the IMS of the college to facilitate easy import and track user data. Some efforts are made in the direction of digital and virtual library staff and students use this facility extensively for reference work. 3. Collaborative linkages with industry and institutes of research may be undertaking: Linkages have been established with an intention to place our students for internship, where they get on-the-job training and/or conduct short-term research projects. Experts from industry and institutes are invited for delivering guest lectures for students and faculty on relevant topics

#### 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
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
2019	National Conference on Recent Trends in Science Engineering and Management	07/06/2019	07/06/2019	08/06/2019	245
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### CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
WEBINAR ON IMPACT OF COVID-19 PANDEMIC ON WOMEN	14/08/2020	14/08/2020	159	120

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
There is no formal Green audit in the campus. However, the college is taking steps to conduct green audit in its campus. The college has lavish greenery spanned over 13.8 acres of land. All are well aware of the consequences of campus pollution and practice eco-friendly initiatives in as many ways as possible. Few initiatives are: • The campus is free of plastic cups. • Repeated instructions are issued from the Principal's office to avoid plastics • Blowing horn is strictly prohibited inside the campus. • Appointed Gardeners to take care of the plantation in the institute. • Beautiful lawn is maintained in

front of the college apart from the trees spread all over the campus • NSS team help in maintaining greenery and neat environment across the Institute premises. • Following measures have been taken for energy conservation: Energy conservation: • Created Awareness among the students and staff on energy by arranging guest lectures and workshops. • Switching off all the electrical utilities whenever and wherever they are not required. • The Incandescent bulbs are replaced with high efficient CFL bulbs • Food waste from the mess of the hostel are utilized to produce methane gas through the bio gas plant established in the campus. The Methane gas is used along with LPG in the mess for cooking purpose. • Use of Air conditioning unit (wherever applicable) is made only when essential. Due to lavish greenery on campus, air circulation is very good. This demands very few rooms only with air conditioning. e-waste management: • As the college is Govt. aided institution, the Electronic and computers/Computer accessories, which are declared "Obsolete" are sold through auction to a licensed vendor on periodical basis with the prior permission from DTE. College also has a scheme of buy, which new equipment are purchased under old buy back scheme (replacement of old with new equipment). Use of renewable energy: • Following measure has been taken for use of renewable energy: • Solar street light units have been installed on main streets. • Installation of Solar Water Heater in Hostels.

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	20
Ramp/Rails	Yes	2
Braille Software/facilities	No	Nil
Rest Rooms	Yes	2
Scribes for examination	No	Nil
Special skill development for differently abled students	No	Nil

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	24/10/2019	1	An awareness programme about Eco Friendly Diwali	Air Pollution Noise Pollution	55
2019	1	1	13/09/2019	1	A awareness programme about	smoking and Drugs addiction	105



					harmful effects of smoking and Drugs addiction		
2019	1	1	29/08/2019	2	Awareness about Eco Friendly Ganesha Festival	Eco Friendly Ganesha Festival	110
2020	1	1	06/03/2020	1	Youth for Eco-Development	Rain water harvesting	120
2019	1	1	23/03/2019	1	Clean Campus Initiative	Cleaning Campus	150
2019	1	1	13/04/2020	1	Voter's awareness	An voter's awareness programme	120

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#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
<b>No Data Entered/Not Applicable !!!</b>		

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
<b>No Data Entered/Not Applicable !!!</b>			
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Awareness about Eco-Friendly Ganesha Festival (8th and 11th September 2019): An awareness program was organized by the NSS unit of Dr. AIT on 8th and 11th September 2019 about the benefits of an Eco-Friendly Ganesha Festival. Our beloved Principal Dr. C.Nanjundaswamy, Dean (Academic) Dr. M.N.Hegde, addressed a group of 100 students, NSS coordinators, and NSS volunteers who displayed placards and banners highlighting the importance of an eco-friendly Ganesha festival. NSS coordinators and student coordinators and volunteers of Dr. Ambedkar Institute of Technology actively participated in this program

Awareness about Eco-Friendly Diwali (5th November 2019): An awareness program was organized by the NSS unit of Dr. AIT on 5th November 2019 about the benefits of an Eco-Friendly Diwali. Our beloved Principal Dr. C. Nanjundaswamy led a group of 50 students, NSS coordinators, and NSS volunteers who displayed placards and banners highlighting the importance of an eco-friendly Diwali. NSS coordinators and student coordinators and volunteers of Dr. Ambedkar Institute of Technology actively participated in this program.

#### 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

The Institution can proudly proclaim that it has more than two best practices however the following two best practices have been chosen to showcase the achievements of the college: Best Practice 1. Inculcation of Research Culture among Faculty and Students Best Practice 2.Placement and Training (Career Development) Best Practice 1:Inculcation of Research Culture among Faculty and Students Objectives of the Practice To promote the research and Development activities among the faculty and students, Research Progress Review Committee (RPRC) has been constituted in the college with the following main objectives:

- To inculcate the culture of research among faculty and students
- To identify the emerging and thrust areas of research and disseminate the information to staff and students
- To stimulate the faculty to initiate the work in the chosen area of interest and involve students in the project
- To motivate the faculty to publish/present the findings in reputed journals / National / International Conferences and refine the ongoing research work
- To stimulate the faculty and students to present/publish the research papers in national/international conferences /reputed journals
- To encourage faculty use this opportunity to work towards a Ph.D.degree
- To assist the faculty to apply to funding agencies like AICTE, DST, and DRDO for promoting their research work.
- To kindle interest in students for active involvement in short duration and long duration projects.
- To uplift research work to the level of patenting.

The Context Gone are the days when academicians can sit in ivory towers and look down upon lesser mortals. The current demand of the society is for the learned to come down to earth and return to the society what they have received in a more beneficial form. To whom is this demand valid for if not the Engineers! The repute of any educational institution rests on the teaching-learning process and RD activities. RD as we all know refers to Research Development - Research, therefore, is the backbone for the development of the students, teachers, and the Institution. The college is conscious of this state of affairs, has been giving dynamic thrust towards developing and augmenting the research activities of the college to keep abreast of the advances in the fields of Engineering Technology. Inculcating research aptitude in faculty members and students has taken priority almost equal to the teaching- learning process. The competency of the students to face the challenges of the society at the end of their four year tenure will be enhanced not just by their grades and ranks but the ability to apply their knowledge, analyze the problem, synthesize a solution and evaluate the outcome. These skills are developed by working on real time projects during their academic career. In order to direct the students along these lines, the faculty also have to be fully equipped in planning and guiding research. Just as much as the teaching-learning process is a partnership between the teacher and the student, so also is the research and development process in which the guide and the researcher have an equal role to play. The outcome of the research should be relevant to societal needs and a section of the society at least should be direct beneficiaries. Therefore, taking up research activities shapes a person with moral responsibility and a value system that enhances his/ her commitment towards fulfilling the needs of the society. Thus the college wishes to show- case the RD activities of the college as one of the best practices. The Practice The contextualization of the above is effected by the following practices:

- All Faculty members are encouraged to attend and present papers in national and international conferences to get exposed to recent and emerging trends in their fields of interest.
- To facilitate the same, the management extends 100 financial assistance towards TA, DA, and registration fees. On-duty leave can be availed by the teachers for such participation. These provisions are also extended to students for participation in seminars/ symposia/project contests etc.
- Concession in weekly workload up to two hours is offered to faculty working on funded projects.
- Seed money is provided to carry out work necessary preliminary work to enhance the probability of receiving funding - RD fund from Management
- Eminent researchers are invited to campus for delivering lectures

during National and International seminars/workshops/ conferences organized by the various departments in the college to boost the knowledge level of the faculty and the students. • Faculty can apply to the management for travel, boarding and lodging allowances to visit reputed research laboratories and funding agencies like AICTE, DST and DRDO either to submit their proposals in person or follow up the submitted proposals. • As a part of the curriculum prescribed, the final students have to take up and complete project work to the tune of 12 credits. Turning this to the advantage of students, quality project works are assigned to the students by the faculty members or by Faculty and /Research Organization/ industry. Such a practice lifts the level of the students to a higher platform of the knowledge domain. • Winners in project contests are rewarded with equal prize money by the management during Ambedkar Jayanthi Celebration Day (14th April Every Year) as recognition to the work of the student and as a motivation to the others to follow suit. • Memorandums of Understanding have been signed with many industries/agencies and such a practice plays a vital role in interaction of faculty and students with the industries and design projects in collaboration with them. • The idea of Interdisciplinary projects has been disseminated and this has caught on by the students and faculty. Evidence of Success • Fifteen Research centers, (including 10 UG Departments, 3 Basic sciences, and 2 Master Degree Departments) under VTU Belgaum is established. • 25 faculty members have been conferred with Ph.D. and 10 MSc Engg in the last five years and 55 faculty members are actively engaged in pursuing the degree. Problems Encountered and Resources Required • Sustained motivation of students and faculty is always a challenge • Time constraint is a spoke in the wheel, in planning and execution of research especially during formative and summative assessment processes and when ad hoc responsibilities are assigned. • More generous seed money/advance from the management for preliminary work or while awaiting funds from agencies is always welcome. • Prompt replies from funding agencies will be encouraging. • If the funding agencies can point out the reason for rejecting the proposal or offer suggestions for improvement, it will go a long way in the development of faculty and hence the students. Best Practice 2: Placement and Training (Career Development) Objectives of the Practice To improve the placement opportunities to the graduating engineers, a training and placement center has been established in the college with the following main objectives: • To motivate the students to possess sound technical knowledge in the area of study • To enhance the programming skills of students • To train the students in time-bound answering of aptitude tests • To help students excel in language and communication skills • To prepare the students for different levels of selection process such as group discussions and one-to-one interviews • To help boost the students' confidence level through soft skills training • To inculcate the importance of projecting a smart appearance • To groom the students to the corporate level • To ensure that all eligible students are employed by the end of the final year of study The Context All over the Nation, in recent years, there is a massive inclination towards Engineering Education and the trend has not let off. One of the main reasons behind this is the plenty of employment opportunities the IT and other corporate sectors have been able to offer to fresh graduates with attractive pay packages. With a large number of Government and private Engineering colleges and deemed to be universities offering professional education, if an institution has to find a place of repute, it has to be different and it has to be elite in terms of academics and in terms of training it offers to enable the students to graduate successfully with a job offer in hand. If not, the survival of the institution is put under challenge. In this context, it has become imperative for a reputed institution like Dr. AIT, to ensure to the level best, that its primary stakeholders are satisfied with respect to their expectations. Our Management being not new to this aspect of success has had a pointed focus on training the students for campus placement for many years and a placement office has been

established with an experienced Placement Officer in charge. Since then the placement process of the college has taken a leap towards the successful placement of students. The Practice The campus recruitment comes under the control of the placement officer. The placement officer is assisted by a team of Placement coordinators drawn from each department

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

<https://drait.edu.in/assets/files/IOAC/IOAC-Best%20Practices.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

The repute of any educational institution rests on the teaching -learning process and R and D activities. In view of this, the college has been implementing measures to give impetus for establishing and augmenting the research activities of the college in tune with the emerging and thrust areas in Engineering Technology. Inculcation research culture in faculty and students is being given priority almost equal to the teaching-learning process. The competency of the students to face challenges of the society at the end of the their four year tenure will be enhanced not just by their grades and ranks but the ability to apply their knowledge, analyze problems, synthesize a solution and evaluate the outcome. These skills can be acquired by working on real time projects during their academic career. In order to direct the students along these lines, the faculty also have to be fully equipped with necessary skills. Just as much as the teaching learning process is a partnership between the teacher and the taught, so also is the research and development process in which the guide and the researcher have equal role to play. The outcome of research should be relevant to the societal needs and a section of the society at least should be direct beneficiaries. Therefore, taking up research activities connected to the societal needs will imbibe a sense of moral responsibility in the students. The students are therefore advised to take up projects with some relevance to societal needs.

Provide the weblink of the institution

<https://www.drait.edu.in/>

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

1.1. Preparing for 2nd Cycle of NAAC Accreditation 2. Re-Constitution of IQAC Committee. 3. Pre-qualifiers submitted for NBA Accreditation for UG and PG for the remaining courses. 4. Continuation of affiliation from VTU 5. Continuation of Recognition of 15 Research Centers by VTU. 6. De-Centralization of Administrative powers.