



Yearly Status Report - 2017-2018

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	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.	08023211231
Mobile no.	9448739885
Registered Email	iqac@dr-ait.org
Alternate Email	principal@dr-ait.org
Address	OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS, MALLATHAHALLI
City/Town	BENGALURU
State/UT	Karnataka
Pincode	560056

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	05-Aug-2019																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	state																		
Name of the IQAC co-ordinator/Director	Dr. Mahalinga V Mandi																		
Phone no/Alternate Phone no.	08023218534																		
Mobile no.	9448800637																		
Registered Email	iqac@dr-ait.org																		
Alternate Email	principal@dr-ait.org																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://www.dr-ait.org/naac/iqac/																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.dr-ait.org/uncategorized/academic-calendar-of-events2017-18/																		
5. Accrediation Details																			
<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														
6. Date of Establishment of IQAC	01-Jun-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															
No Data Entered/Not Applicable!!!																			

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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
Institution	TEQIP 3	World Bank	2017 365	3631000
Institution	DST	DST	2017 365	719000
Institution	VGST	Government of Karnataka	2017 365	2000000
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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 a quality teachinglearning process.
- Development of inhouse online feedback system for Stakeholders
- Initiated Performance based 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
NSS Activities/ Social Responsibility activities (Outreach Activities)	NSS Unit organized various outreach activities regularly.
Schedule of academic and administrative audit within IQAC	IQAC has sent the audit format to all departments/sections well in advance and as per the schedule, internal AAA has been conducted.
Presentation by R & D Centres Heads on "Research performance/ journal publications in the core thrust areas of the centre, patents filed and published.	HODs of all departments made the detailed presentation regarding the R&D activities of respective departments before the R & D Committee chaired by the Head of the institution
Awareness Programme on Higher Studies - PPT interaction on "Higher Education Opportunities in India and Abroad and Scholarships Offered" -GATE, GRE, TOEFL Scores, IAS/IPS/IES, website link, FAQs, other foreign languages, etc Audience: Pre-final year class students	Three days programme on awareness on higher studies has been organized to the final year students of all discipline in the month of January 2018
One day Seminar for faculty on AAA	IQAC arranged an awareness programme on AAA to the senior professors, administrators and section heads by inviting the resource person from NAAC Bangalore
Audit Team to check for the distribution of higher order thinking questions and any other unique reforms - to be documented with evidence.	Exam Section &COE arranged for the auditing of question papers in the month of January 2018. All departmental heads conducted auditing by inviting external members
Annual Alumni Meet	Alumni meet organized on 9th December 2017
Quality Publication by faculty members	Papers are being published in reputed journals
Conferences / Workshops / FDPs/SDPs/Guest Lecturers by every department	Conducted by all the departments
Identifying the deviations of previous NAAC visit held during May 2017 and measures to be taken.	Conducted periodic meetings with IQAC Internal Members and detailed action plan has been prepared to address the issues indicated by the NAAC peer team visit
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14. Whether AQAR was placed before statutory body ?

No

15. Whether NAAC/or any other accredited

Yes

body(s) visited IQAC or interacted with it to assess the functioning ?	
Date of Visit	28-Jun-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2016
Date of Submission	16-Mar-2016
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)	<ul style="list-style-type: none"> • Admissions, Accounts and financial works • Staff attendance biometric • Library management information system. • Examination section 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
BE	IS	Information Science Engineering	20/06/2018
BE	EC	Electronics and Communication Engineering	05/06/2018
BE	EIE	Electronics & Instrumentation Engineering	18/06/2018
BE	TCE	Telecommunication Engineering	29/06/2018
BE	CSE	Computer Science and Engineering	23/03/2018
BE	CV	Civil Engineering	25/06/2018
BE	ML	Medical Electronics	23/06/2018
BE	ME	Mechanical Engineering	22/06/2018
BE	IEM	Industrial Engineering & Management	16/05/2018
BE	EEE	Electrical & Electronics Engineerig	19/06/2018

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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	TEQIP-III Sponsored Four days workshop on "Mobile Application	09/10/2018	Mobile Application Development (IS61)	19/03/2017
BE	Engineering Economy	13/08/2018	Engineering Economy	13/08/2018
BE	1st sem & 2nd Sem - Communication skills	22/08/2018	18ENG28	22/08/2018
BE	Placement Training	27/08/2018	HS 44,HS61	27/08/2018
BE	Employability	15/11/2017	Employability	15/11/2017
BE	Soft Skills	23/06/2018	Electrical and Electronics Engineering	23/06/2018
BE	Finishing school on Smart Sensors and Analytical Instrumentation in Industrial MSPC and Business Ana	27/03/2018	Finishing school on Design and Development of IOT based Embedded system using Raspberry	25/09/2018

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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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	25/06/2018
BE	Mechanical Engineering	22/06/2018
BE	Industrial Engineering & Management	16/05/2018
BE	Electrical & Electronics Engineerig	19/06/2018
BE	Electronics &	23/03/2018

	Instrumentation Engineering	
BE	Electronics and Communication Engineering	05/06/2018
BE	Telecommunication Engineering	29/06/2018
BE	Computer Science and Engineering	23/03/2018
BE	Information Science Engineering	20/06/2018
BE	Medical Electronics	23/06/2018

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
Python Programming	25/03/2017	0
Cloud Computing	25/03/2017	0
Internet of Things	25/03/2017	0
Big Data Analytics	25/03/2017	0
Artificial Intelligence Machine Learning	25/03/2017	0
Neural Network	25/03/2017	0
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Feedback from all the students are taken during end of every semester on "online student feedback system" with exceptional quality. The main advantage is that no one can manipulate the system as it is online process. Two types of data may be gathered during the formative data gathering process - formal and informal. Formal data constitutes data that has been gathered, documented and shared with the evaluator. Only this formal data may be used for summative evaluation purposes. Informal drop-in observations (without documentation),

self-evaluation, input from peers and others cannot be used. Teachers are encouraged to use these and similar kinds of data as a basis for analyzing and improving their instruction, but this data must be documented and shared with the evaluator if it is to be used in the summative evaluation process. Also Feedback from Parents, Employers, Teachers, and Alumni is collected in the same way. This data is analyzed and utilized for the overall development of the institution.

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	CIVIL	120	114	114
BE	Mechanical	180	167	167
BE	IEM	60	42	42
BE	EEE	60	53	53
BE	E&I	60	51	51
BE	EC	180	160	160
BE	TCE	60	52	52
BE	CSE	180	180	180
BE	ML	30	26	26
BE	ISE	60	54	54

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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
2017	3879	438	217	33	252

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
250	200	20	20	10	21113

[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)

Teachers 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 fired,

philosopher and guide during their studentship 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. Counseling 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
3879	217	181

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
121	79	42	0	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
No Data Entered/Not Applicable !!!			
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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	IM	IEM Even	06/06/2018	15/06/2018
BE	IM	IEM Odd	02/01/2018	17/01/2018
BE	EC	ECE Even	06/06/2018	15/06/2018
BE	EC	ECE Odd	02/01/2018	17/01/2018
BE	EE	EE Even	06/06/2018	15/06/2018
BE	EE	EE Odd	02/01/2018	17/01/2018
BE	ME	ME Even	06/06/2018	15/06/2018
BE	ME	ME Odd	02/01/2018	17/01/2018
BE	CE	CV Even	06/06/2018	15/06/2018
BE	CV	CV Odd	02/01/2018	17/01/2018
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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
102	4098	1.46

2.6 – Student Performance and Learning Outcomes

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

<https://www.dr-ait.org/naac/igac/>

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	15	14	93
IS	BE	Information Science & Engineering	54	54	100
CS	BE	Computer Science & Engineering	199	176	94
TE	BE	Telecommunication	62	59	95
IT	BE	Instrumentation Technology	49	46	94
IM	BE	Industrial Engineering and Management	60	54	96
EC	BE	Electronics and Communication Engineering	185	184	99
EE	BE	Electrical & Electronics Engineering	65	61	93
ME	BE	Mechanical Engineering	189	187	98
CV	BE	Civil Engineering	118	118	100

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2.7 – Student Satisfaction Survey

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

www.dr-ait.org

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

No

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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
No Data Entered/Not Applicable !!!				
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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)	1	KSCST(KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY)	3500	3500
Minor Projects	1	KSCST	4000	4000
Any Other (Specify)	1	KSCST	6000	6000
Any Other (Specify)	1	KSCST	5000	5000
Interdisciplinary Projects	1	Panchajanya Vidya Peetha Welfare Trust	127853	127853
Any Other (Specify)	2	VGST	2000000	2000000
Major Projects	3	AICTE	950000	950000
Minor Projects	3	VGST	2000000	100000
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

5

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
Repair rehabilitation of beams slabs in a building using FRP	Civil engineering	14/04/2018
Intellectual Property Rights	Electrical and Electronics Engineering	09/08/2018
Finishing School	ECE	15/02/2017

Parivartan		
Entrepreneurship - Start-Up	ECE	25/09/2018
One day ISE programme on "Six Sigma Quality Concepts and Lean Overview"	ECE	29/09/2018
Finishing School on "Advances in Telecommunication Skill Development for Career Building" by EdGate Technologies, Bangalore	Telecommunication	05/03/2018
One day seminar on "Higher / Abroad/ International Education"	Telecommunication	25/09/2018
One day Seminar on "Recent Trends in Telecommunication Switching Systems : A Practical Perspective"	Telecommunication	28/03/2018
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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
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!					
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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
Civil Engg	1
ECE	2
EIE	1
ISE	1
TCE	1
ML	1
ME	3

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)
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International	CIVIL ENGG	28	8
International	Mechanical	23	0
National	EEE	32	0
International	ECE	6	1.13
National	IEM	3	0
National	Computer Science and Engineering	16	0

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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
Computer Science and Engineering	2
EI	17
ECE	1
EEE	21
CIVIL ENGG	2

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
"A process to extract Liquid Dielectric Coolant from Rice Bran Oil" International Patent (U.S.A)	Published	Patent No.9,994	12/06/2018
"A process to extract Liquid Dielectric Coolant from Rice bran Oil" International Patent (Canada)	Published	August 12, 4251	01/01/2018
Method For Generating Highly Random Sequences Over Finite Fields For FHSS (Frequency Hopping Spread Spectrum) Systems	Published	201741020859 A	01/01/2018
A system and method for sending bulk messages	Published	905/CHE/2014	01/01/2018

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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	Number of citations excluding self
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the publication citation

No Data Entered/Not Applicable !!!

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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
Implementa tion of modified Q learning technique in EMCAP control ar chitecture	D. Ganesha	Indian Journal of Science and Technology	2017	0	1	Dr.AIT
Role of surface roughness on corrosion and fretting corrosion behavior of commerc ially pur titanium in ringer's solution for bioimplant applicatio n	B Sivakumar	Applied surface science	2017	0	26	Dr.AIT
Frog based routing Algorithm to enhance the network lifetime of wireless sensor network An Adaptive l ocalizatio n error mi nimization approach	Vidya H Sudha H Thimmiah	IJCNIS ICDCS	2017	16	4	Dr.AIT
Survey on web mining technique	K N Asha, R Rajkumar	Indian Journal of Science	2017	2	2	Dr.AIT

and challenges of e-commerce in online social networks		Technology				
Efficient algorithms for early detection of myocardial ischemia using PCA based features	H.S. Niranjana Murthy and M. Meenakshi	Indian Journal of Science and Technology,	2017	20	400	Dr.AIT
Binary Sequences having Good Correlation and Large Linear Complexity Properties for Satellite Navigation Applications	Dileep Dharmappa, Mahalinga V Mandi, S. Ramesh	International Journal of Recent Technology and Engineering (IJRTE)	2018	0	0	Dr. Ambedkar Institute of Technology, Bangalore
Effect of antioxidants on the performance of vegetable oils as liquid dielectrics	Dr. G. V. Jayaramaiah	International Conference on Computing and Communications Technologies (ICCCT)	2017	5	6	Dr AIT
A study on friction stir multi spot welding techniques to join commercial pure aluminium and mild steel sheets.	Dr M Mahdevaswamy	Transactions of the Indian Institute of Metals	2017	2	3	Dr. Ambedkar Institute of Technology
Damage assessment and	Dr M N Hegde	ELSEVIER	2017	0	0	0

analysis of steel plate for different loading conditions					
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	54	57	6	0
Presented papers	111	76	0	0
Resource persons	3	13	5	0
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil Engineering	Compressive strength of Concrete blocks	Karnataka Rural BuildingCenter,	800
Civil Engineering	Geotechnical Investigation	MECEDEZ Core Technologies Pvt Ltd	5000
Civil Engineering	Geotechnical Investigation	Om Shree Someshwara Trust	4000
Mechanical Engineering	Project Based consultancy	BMSCE	60000
Mechanical Engineering	Adjunct Professor	GVPCE, Vizag	100000
Mechanical Engineering	Project Based consultancy	VKIT	76000
Mechanical Engineering	consultancy	Kshipra Simulations	10000
Mechanical Engineering	Adjunct Professor	GVPCE, Vizag	40000
Mechanical Engineering	Adjunct Professor	GVPCE, Vizag	20000
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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
No Data Entered/Not Applicable !!!				

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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
Blood Donation Camp	Red Cross	15	500
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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
No Data Entered/Not Applicable !!!			
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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/Agen- cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
National Youth Day Celebrations	NSS	National Youth Day Celebrations	15	100
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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
Workshop on "Application of Real Time Simulator in Electrical Domain", in association with Quarbz Infotech Pvt. Ltd. Kanpur. - 22nd November, 2017.	Students and Faculties	TEQIP-III	1
Finishing School on "Switchgear its Applications", in association with Universal Power Controls Pvt. Ltd, Tumakur, 8th -12th January 2018.	Students	TEQIP-III	5
FDP on" Intelligent Algorithms and Applications" Dr.	Faculties	TEQIP-III	3

Ambedkar Institute of Technology, 17-19/01/2018			
FDP on "Machine Learning its Applications: Hands on Approach"	Students and Faculties	TEQIP-III	2
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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 with contact details	Duration From	Duration To	Participant
Linkages with industries	Internship	Bangalore Metro Rail Corporation Ltd	11/07/2017	05/08/2017	Abhishek B K, Maruti Doddamani, Dhanalakshmi L
Linkages with industries	Internship	Bangalore Metro Rail Corporation Ltd	26/06/2017	27/07/2017	Supriya G, Sujit N Hegde, Sandhya T
Linkages with industries	Internship	Bangalore Metro Rail Corporation Ltd	20/06/2017	20/07/2017	Naveen N, NavyaShree .P.B
Linkages with industries	Internship	Bangalore Metro Rail Corporation Ltd	05/06/2017	05/07/2017	Shanmukh Madannavar, Veeresh, Sangamesh, Jyoti Goudar, Priyanka MR
Linkages with industries	Internship	Bangalore Metro Rail Corporation Ltd	05/07/2017	05/08/2017	R Sagar, Vidhya Shree B
Linkages with industries	Internship	Bangalore Metro Rail Corporation Ltd	19/07/2017	05/08/2017	Ambika G A, Ramya H, Ranjith K
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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 participated under MoUs

NCS	21/01/2017	Easy accessibility of employment services like staffing, placement and recruitment to all the stakeholders ? Enhancing employability of the workforce by providing them information on training skilling information	155
Universitas Ahmad Duhlan	01/02/2017	To enhance Faculty and student exchange programmes	15
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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
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 partially)	Version	Year of automation
Libsoft	Partially	9.2.1	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	68989	20028382	537	252223	69526	20280605
Reference Books	12200	353442	100	44509	12300	397951
e-Books	13600	0	13600	0	27200	0
Journals	115	266174	114	248023	229	514197
e-Journals	8611	1256428	8611	1118250	17222	2374678
Digital Database	0	0	0	0	0	0
CD & Video	3000	0	200	0	3200	0
Library	1	511675	0	0	1	511675

Automation						
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	0	0	1	90000	1	90000
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
No Data Entered/Not Applicable !!!			
View File			

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	942	917	942	0	0	25	0	1	0
Added	125	106	125	0	0	19	0	1	0
Total	1067	1023	1067	0	0	44	0	2	0

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
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 sessions 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 accommodates 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 regarding cleanliness and motivated for energy conservation by careful use of electricity in classrooms. SGRR College/ SGRR Education Mission have its own workshop where furniture repair is done without any charges. There are technicians, masons, plumbers, carpenters deputed by management who ensure the maintenance of classrooms and related infrastructure.

https://www.dr-ait.org/wp-content/uploads/2016/11/Dr.AIT_NAAC_SSR.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	00	0	0
Financial Support from Other Sources			
a) National	Financial Support from the Govt. of Karnataka For -	2085	54449000

	SC/ST, OBC, Defence Minority students From PMSSS for J K students		
b)International	0	0	0
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 implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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	GATE Aptitude class Language class	412	412	412	412
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
0	0	0

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
TATA consultancy Service Xoriant Solutions Pvt ltd odesa Technologies Mindtree M/S Allegion Birlasoft valtech	775	412	BYJU'S India Pvt Ltd Mindtree M/s Allegion NTT Data Valtech India Pvt Ltd	576	20

India NTT Dsys Bpb Technologies HGS Collabera Tholons HCL Odesstechnol ogies HPE NTT Data Artech Infosystems Hinduja Global Solutions Bob tec					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	6	BE	EEE	UVCE BMS MSRIT PESIT	MTECH POWER ELECTRONICS
2018	10	BE	CSE	UVCE BMS MSRIT PESIT	MTECH DATA SCIENCE AND ARTIFICIAL
2018	12	BE	ECE	UVCE BMS MSRIT PESIT	MTECH VLSI DESIGN AND EMBEDDED SYSTEM
2018	8	BE	MECH	RVCE NITK MSRIT	MTECH MACHINE DESIGN
2018	6	BE	ISE	DR. AIT PESIT	MTECH CNE

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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	4

[View File](#)

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

Activity	Level	Number of Participants
Teakwondo	University	2
Cycling	National	1

[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
2017	Gold	National	1	0	1DA17IM006	Gagan Reddy
2017	Gold	National	1	0	1DA14IM028	Tejas S K
2017	Silver	National	1	0	1DA15ME004	Bharath Chandra

[View File](#)

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 2900. 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 year's Alumni Meet falls on 8th Dec. And the same is published on the Alumni web portal and the registration to the event is also open. The Almashines 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 Activities: ? Seek assistance of alumni in placements ? Volunteer to become Batch Ambassador ? Instituting Scholarship/Crowd-Source Funds ? Take up expert workshop/ lecture series ? Provide Industry Interaction ? Feature Expert Article Series ? Pre-event Student Alumni Interaction Attachments: 1. Alumni-Meet Announcement in the college alumni web portal 2. Alumni- Meet proposal by Almashines Dr. Shanthi KJ Date: 09/12/2017 Alumni Co-ordinator

5.4.2 – No. of registered Alumni:

2000

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumin conducted an December 9th 2017 and total number of students registered
2000

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)

6.1–Institutional Vision Leadership The institution has a practice of participative management. The college provides the better opportunity to all the participating in the decision making process, the college administrative and academic structure is in a manner to make the decision by participative arrangement. Principal is the administrative and academic Head, followed by vice principal and department heads. The principal meetings of the department are held often consider the recommendations are sent to the principal, the principal in consultation with all department heads the final decision is arrived at. On administrative ground the Principal is followed by the Registrar and office superintendent. 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 affiliation process all departmental heads are requested to send their proposals for commencement of new courses and they are inculcated affiliation date. B) The College has conducted Seminar, workshops and FDP's. The departments decided the subjects of the seminar, workshops and FDP's in their departmental meetings. This is communicated to the college principal and authorities. This is included and sends to the AICTE and TEQIP for setting the financial assistance. This is also an example of participative arrangement. C) The college prepare financial budget at the beginning of the year. This is prepared by the office administrative head and is with consultation of all departmental Heads. Accordingly it is verified by the college principal and is sent for sanction to the Trust. The Trust approved budget and necessary action is carried out. D) The examinations are carried out periodically throughout the year for which there is separate examination department. The CEO is in charge of examination department, the administrative heads are the office employees. They conduct regular meetings and approved by principal thus the participative arrangements is being followed in decision making. The management authorities regularly undertake the review of working of the college in its Executive council meeting and working committee meeting. The Necessary guidance and directives are issued through these meetings. Periodical reviews are undertaken by the top management. The budget is prepared prior to the commencement of the academic year and is approved by the management. So there is a good support from the management relating to the implementation of the objectives specially designed to attain quality teaching and learning aspects of the college. The concentration is given on the regular lectures conducted by the staff, timely completion of the syllabus, guidance for better performance in the examination and providing best possible teaching learning environment. This is attained by regular meetings of department, of the staff member conducted by the principal from time to time. The staff receives motivation and support for all the activities from the management. The participation of students in Sports, NSS, NCC, extracurricular activities is encouraged in order to attain overall development of students. The PG students also prepare projects the faculty members of these departments assist

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	<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 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</p>

conducted online. Full transparency is ensured at levels by the KEA and ComedK.

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.

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

Research and Development

A Committee known as Research Promotion and Review Committee (RPRC) was

constituted in 2010 to encourage and monitor the research activities of 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 students for presenting their research papers in national and international conferences. Some of the recommendations of the Committee and their impact: Recommendations: • Motivate faculty and students to inculcate research culture • Motivate faculty to publish quality research papers. • Motivate faculty to organize seminars/workshops/conferences. • Motivate faculty to obtain RD Grants from external agencies Extending incentives to faculty for obtaining RD Grants from external agencies Performance appraisal of faculty linked to research output • Motivate faculty and students to patent their novel research ideas. Impact: • A marked improvement in the quality of the student's research projects • A marked improvement in the quantity and quality of the research publications by the faculty. • A marked improvement in the number of conferences/workshops/seminars organized by the faculty at the college. • A marked improvement in the number of faculty and students participating in conferences/seminars/workshops. • A slight improvement in the number of RD grants obtained by the faculty from external agencies. • A marked improvement in the number of faculty pursuing PhD programme.

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 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 condonation 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.

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) and the holidays. This academic calendar is prepared well in advance and ensures 90 days compulsory class room teaching, Two weeks for a mid-semester Test (CIE-I, CIE-II and CIE-III) and two weeks for End Semester Examination (SEE) for each semester in a session. Teaching Plan: For each theory course, lesson plan is prepared by the concerned faculty in the beginning of every semester to ensure uniform teaching throughout the semester. After approval by HOD, the same is maintained in the department office. Apart from this, all faculty clearly mentions the objectives, and outcomes of the course which students is supposed to achieve at the end of the course. Mid-Course (oral) and Exit-course feedback is collected from the students and is analyzed to orient the teaching in such a way that average student attains the outcomes to an expected level. Evaluation Blue Print: (UG and PG) The evaluation of theory courses is kept transparent. After every evaluation (CIE 1, CIE II and CIE III), the answer books are shown to the students and are counseled for their mistakes. Any valid discrepancy reported by the student assessment is rectified before finalizing the marks for any of the evaluations. The Xerox copies of the SEE evaluated papers are given to the students on request by paying prescribed fee to the institute. Also there is a provision for applying for the revaluation of the papers by fee payment. The students with a minimum of 70 CIE marks but failing to acquire at least 40 SEE marks in any of the courses are declared X grade and are permitted to reappear for makeup

examination conducted before the commencement of the next semester. If any student absenting for the SEE examination due to any genuine reason are declared I grade and are also permitted to reappear for makeup examination conducted before the commencement of the next semester. The evaluation of the answer books of such students in both cases are done in the same manner as the usual semester end examination.

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.

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

E-governace area	Details
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 programmes / conferences. • Invite faculties from foreign universities. • Initiating Skill development centers. • Excellent curriculum development. Research and Development Dr. AIT provides a research and 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 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 grant 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 village and working for its developments.

Administration

Head of the Institution ,Head of the Academic Sections , Head of the Departments who are 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

Finance and Accounts

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

Student Admission and Support

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.

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 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 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 condonation 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.

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	
2017	Dr.C.Nanjundaswamy	Good Governance	AICTE New Delhi	52718
2017	Dr.C.Nanjundaswamy	Good Governance	AICTE New Delhi	20662
2017	Dr.B.Ravindra	Review Twining Arrangements	AICTE New Delhi	26341
2017	Dr.M.Meenakshi	NBA Outcome Based Education (OBE)	AICTE New Delhi	27771
2017	Dr.B.Ravindra	NBA Outcome Based Education (OBE)	AICTE New Delhi	27771
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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)
2017	Python Programming		10/09/2017	10/09/2017	34	0
2017	Machine Learning and Data Analytics: A New Frontier		23/01/2018	23/01/2018	109	0
2017	Intelligent Algorithms and Applications		17/01/2018	19/01/2018	65	0
2017	Administration Fundamentals of Salesforce Cloud Platform		05/02/2018	09/02/2018	50	0
2018	Approaches of Academic and Administrative Audit		23/01/2018	23/01/2018	110	0
2018	Multimodal Imaging in		23/03/2018	23/03/2018	30	0

	Medical Applications					
2018	Latest Research Trends in IT Industry		10/02/2018	10/02/2018	50	0
2018	Latest Trends in Robotics and Automation		08/02/2018	09/02/2018	60	0
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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
Advances in Science and Technology (ICAST-2018)	1	06/04/2018	07/04/2018	2
Workshop on "Computational Technique and Mathematical modeling	1	01/11/2017	05/11/2017	5
Workshop on "Power Electronics and its Applications"	1	27/11/2017	01/12/2017	5
Orientation workshop on TEQIP-III	6	04/08/2017	04/08/2017	1
Programming ARM processor with hands on using ESA Keil/ARM Cortex-M3 Evaluation Board	4	11/12/2017	15/12/2017	5
Entrepreneurship Development Programme in Entrepreneurship	1	28/12/2017	03/01/2018	7
Startup Activities and preparation of Action Plan	1	26/12/2017	27/12/2017	2
Data Science	2	02/01/2018	06/01/2018	5

and Communication Networks				
Induction programme for New Students	10	27/11/2017	02/12/2017	7
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
79	79	10	10

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Provident Fund ESI Pension	Provident Fund ESI Pension	Medical Insurance

6.4 – Financial Management and Resource Mobilization

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

What is the institutional mechanism to monitor effective and efficient use of financial resources? 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 Does the College have a mechanism for internal and external audit? Give details. YES- College has been appointing external auditors to audit all financial transactions. Every year, the external auditing is done by a private company. In addition to this for the grant related fund provided by the state government, separate audit is carried out by the office of the Directorate of Technical Education (DTE) and by "Audit General (AG)" of the state government. Provide audited income and expenditure statement of academic and administrative activities of the previous four years. An audited statement of academic and administrative activities the previous four years is in place and will be submitted at the time of committee inspection 6.4.4. Have the accounts been audited regularly? What are the major audit objections and how are they complied with? YES - 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

Management	304.86	salary
View File		

6.4.3 – Total corpus fund generated

153.51

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	Malya and Malya Chartered accountant	Yes	Principal Registrar Superidents

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

As such there is no Parent Teacher association in the Institution but we are conduction annually Parent Teachers Meeting. Taking the feedback from the parents regarding academic progress of the wards and discuss about other short comes of the wards.

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

Training Programme is provided for the staff both inside the institution and outside Institution. Bank loan facilities is provided . Higher studies are encouraged for the needed staff

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, has 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 ba coding to the existing customized software. Barcoding 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 undertaken: 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 our students 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
No Data Entered/Not Applicable !!!					
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
No Data Entered/Not Applicable !!!				

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
<p>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.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2

Provision for lift	Yes	18
Ramp/Rails	Yes	2
Braille Software/facilities	No	0
Rest Rooms	Yes	2
Scribes for examination	No	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 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
2017	1	1	26/01/2017	1	awareness program on eye pledging and corneal blindness	NGO named SMARAMI had organized an awareness program on eye pledging and corneal blindness at Mahatma Gandhi Park	60

[View File](#)

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Tree Plantation Programme	08/05/2017	A tree plantation programme was organized by the NSS unit of Dr. Ambedkar Institute of Technology on Monday, 8th May 2017. More than fifty saplings of different varieties such as black plum, mango, champak, guava, mahogany, almond, amla, avenue etc. were planted during this programme. Shri A R

Krishnamurthy, Honourable Secretary PVPWT, Dr. C Nanjundaswamy , Principal, Dr. AIT, staffs and students of Dr. AIT planted the saplings and made the program successful. Shri S K Rajendra, Dr. Shivaprasanna and Shri Sharath Kumar S N co-ordinated the programme.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
"Healthy Youth for Healthy India" at VTU campus, Belagavi.	01/04/2017	07/04/2017	65

[View File](#)

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

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:

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: Title of the Practice: Academics and Training Placement (Career Development) Objectives of the Practice To improve the quality of education being offered and enhance placement opportunities to the graduating engineers, an academic monitoring committee and placement cell have been constituted with the following objectives:

- To ensure that the teaching learning process is student centric
- To ensure that the curriculum is in tune with the demands of the industry and RD organizations
- To ensure that the students undertake projects which are technically demanding and socially relevant
- To help boost the students' confidence levels through soft skills training
- To train the students in time- bound answering of aptitude tests
- To prepare the students for different levels of selection process such as group discussions and one-to- one interviews
- To ensure that most of the eligible students are placed

The Context It is an established fact that, majority of the students in our country are showing an inclination to pursue Engineering Education and the trend has not tapered off. One of the main reasons behind this trend is the abundant employment opportunities available to the graduating engineers in the IT and other corporate sectors. With large number of Government, Private Colleges and Deemed to be Universities offering engineering education, it is imperative that, for an institution to be recognised as an elite institution by the students and peers, it should offer state of the art

education coupled with emphasis on RD activities and brand building. Any institution which fails to focus on these parameters on a continuous basis will get relegated to the class of average institutions over a period of time, which is very short in the existing fiercely competitive world. Our Management being aware of this fact, is motivating and incentivising the faculty and the administration to attain this onerous but achievable goal. The Practice The quality of education being offered is refined in the form of annual revision of curriculum through BoS meetings. Due care is taken to include External experts from reputed academic institutions and industries in BoS of all Departments. Alumni and students are made members of internal BoS to obtain their feedback before finalizing the curriculum. Experts from industry are drafted to teach a portion of some selected courses in different departments. Faculty Development Programs and Workshops are organized to enhance the domain knowledge of faculty and staff. To enhance the quality and quantity of student placement, a dedicated training and placement cell has been established with a full time training and placement officer (TPO). The TPO works in close conjunction with the Departmental Heads and Placement Coordinators to ensure that reputed industries connected to various departments are invited to visit the campus for recruitment. Soft skill training is made an integral component of the academic activity from the first year itself to ensure that all the students are equipped with the necessary skill sets to participate in the campus recruitment activities. Intensive placement training is offered to the eligible students for campus recruitment. Evidence of Success The gradual increase in the placement record and the number companies visiting the campus for recruitment purpose is an effective testimony to the efforts put in by the college authorities to attain the objectives stated above. Problems Encountered and Resources Required

- Motivating faculty and students to adopt innovative methods of teaching-learning processes.
- Motivating faculty to make attempts to obtain research grants from funding agencies.
- Motivating faculty and students to undertake technically demanding and social relevant projects.
- Attracting top companies for campus recruitment
- Limited placement offers by Core Companies
- Internship for students in reputed companies and organizations
- Enhancing the quality of student input

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Problems Encountered and Resources Required

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- Motivating faculty to make attempts to obtain research grants from funding agencies.
- Motivating faculty and students to undertake technically demanding and social relevant projects.
- Attracting top companies for campus recruitment
- Limited placement offers by Core Companies
- Internship for students in reputed companies and organizations
- Enhancing the quality of student input

Best Practice 2: Title of the Practice: Inculcation of Research Culture among Faculty and Students

Objectives of the Practice To promote the research and development activities among the faculty and students, A Research Progress Review Committee (RPRC) has been constituted in the college with the following objectives:

- To inculcate research culture among faculty and students
- To identify emerging and thrust areas of research and disseminate the information to staff and students
- To encourage the faculty to identify the thrust areas in technology for the students project work
- To motivate the faculty to publish/present the findings in reputed journals / National / International Conferences
- To encourage faculty to work towards a Ph.D degree under QIP Programme
- 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 promote research work leading to patenting.

The Context The repute of any educational institution rests on teaching - learning process and R 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. Inculcating research culture in faculty and students is being given priority almost equal to the teaching-learning process.

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

<https://www.dr-ait.org/naac/igac/>

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 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. Inculcating 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 their four year tenure will be enhanced not just by their grades and ranks but the ability to apply their knowledge, analyse 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

www.dr-ait.org

8.Future Plans of Actions for Next Academic Year

1. Fine Tuning of Staff Information System (SIS) - Revised SIS 2. Revision of IQAC 3. Distribution of Academic Calendar of events for Odd Semester 4. Orientation program for 1st year UG/ PG student- Bridge courses for slow learners Schedule Evidence to be documented 5. Concept level test for new comers - 1st year UG/ PG students - To segregate advanced slow learners - Question Paper, Schedule and Evaluation Identifying the existing skill set of students. Follow up by the Mentors/counsellors. 6. Library Facilities - PPT presentation by Librarian on books, e-books, NPTEL CDs, free access and login to National Digital Library, UGC links, etc Audience: New Comers 7. Plan of action for Conferences / Workshops / Guest Lecturers for every department - Schedule with Guest Names to be submitted - To avoid redundancies in conference themes within the departments 8. Odd Sem - Special Class for Slow Learners - post CIE1, post CIE 2, Model Practical Exam - Department wise Schedule Execution - Use of Digital Class Rooms, online tutoring, etc., For special class - maintain the documents for students' progression. 9. Schedule for 'Execution of Students feedback' - To be circulated by IQAC to all Department Heads 10. First Quarter Meeting of IQAC 11. Annual Alumni Meet 12. Meeting for identifying the deviations of previous NACC visit during May 2017 and measures to be taken. 13. Audit Team to check for the distribution of higher order thinking questions and any other unique reforms - to be documented with evidence. 14. Distribution of Academic Calendar of events for Even Semester 15. One day Seminar for faculty on AAA 16. Schedule for 'Execution of Students feedback' - To be circulated by IQAC to all HODs 17. Awareness Programme on Higher Studies - PPT interaction on "Higher Education Opportunities in India and Abroad and Scholarships Offered" -GATE, GRE, TOEFL Scores, IAS/IPS/IES, website link, FAQs, other foreign languages, etc Audience: Pre-final year class students 18. Even Semester - Special Class for Slow Learners - post CIE 1, post CIE 2, Model Practical Exam - Department wise Schedule Execution - Use of Digital Class Rooms, online tutoring, etc., For special class - maintain the documents for students' progression. 19. Presentation by R D Centres Heads on "Research performance/ journal publications in the core thrust areas of the center, patents filed and published. 20. To initiate a Unique Full Fledged Intellectual Property Rights (IPR) Cell: Awareness Programme on IPR