



Yearly Status Report - 2018-2019

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. Nanjundaswamy
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, Mallathahallu
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. Mahanlinga 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/naac/iqac/																		
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>2018</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	2018	09-Jun-2017	08-Jun-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.17	2018	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															
National Seminar	15-Feb-2019 2			110															

National Symposium	18-Dec-2018 1	100
National Conference	07-Jun-2019 2	240
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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	2018 365	3631000
Institution	DST	DST	2018 365	719000
Institution	VGST	Government of Karnataka	2018 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 :

2

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

Yes

If yes, mention the amount

100000

Year

2019

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

- Students are encouraged to participate in professional society activity
- To increase the internet speed to 1 GBPS
- The academic performance of all departments reviewed through AAA and suggested measures to improve overall teaching learning 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 department for maintaining and sustaining quality teaching learning process. • Computerization of Examination section

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

Plan of Action	Achivements/Outcomes
NSS activities	Conducted number of outreach activities under NSS unit
Annual Alumni Meet	Organized Alumni meet on 8th Dec 2018
Organizing National seminar, National Symposium and National Conference under IQAC	Organized National seminar, symposium and conference during this year
Quality publications by faculty members	Faculty members published their research articles in reputed International Journals and Conferences
Organizing workshops/FDPs/SDPs/seminars etc. by each department	Conducted workshops/FDPs/SDPs etc. by all the departments
Academic and administrative audit (AAA) by IQAC	Conducted academic and administrative audit of all the departments and sections
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14. Whether AQAR was placed before statutory body ?

No

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

Yes

Date of Visit

28-Jun-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2016

Date of Submission

09-Mar-2019

17. Does the Institution have Management Information System ?

Yes

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

• Admission accounts and financial works • Biometric staff attendance • Library management information system •

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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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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	05/05/2019
BE	Industrial Electronics & Management	26/03/2019
BE	Electrical & Electronics Engineering	01/06/2019
BE	E&I	22/05/2019
BE	EC	11/05/2019
BE	TCE	17/05/2019
BE	CSE	01/06/2019
BE	ISE	01/06/2019
BE	ML	27/05/2019
BE	ME	22/06/2018

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
No Data Entered/Not Applicable !!!		

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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
<p>Feedback from all the students are taken during end of every semester on Online student feedback system with exceptional q quality. The main advantage is that no one can manipulate the system as it is online process. Two types of 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 informal. Formal data constitutes data that has been gathered, documented and shared with the evaluator. Only this formal data may be used for summative 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 details analyzed and utilized for the overall development of the institution.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Industrial Engineering & Manganement	60	36	36
BE	Electronics & Communicaion	180	162	162
BE	Mechanical Engineering	180	145	145
BE	Civil Engineering	120	105	105

BE	Electrical & Electronics Engineering	60	59	59
BE	Electronics & Instrumentation	60	43	43
BE	Computerscience & Engineering	180	194	194
BE	Telecommunicati on Engineering	60	49	49
BE	Informaton Scince & Engineering	60	58	58
BE	Medical Electronics	30	25	25
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3912	438	227	32	263

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
0	0	0	0	0	0

[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)

Teacher shall be appointed as mentors by the respective Head of the Department for a group of students. The functions of such mentors shall be : 1. Monitoring the performance of students and to serve as a firedphilosopher and guide during their students at the institute 2. Advising the students on all academic matters like registration of courses, dropping of courses and/or withdrawing from courses and reporting the same to the higher authorities for further action. 3. Assessing the students academic performance and monitoring theirattendance. 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
3912	227	18 : 1

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	77	44	18	88

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Chandrasekar	Associate Professor	The best theoretical oriented Research (ASCE)
2018	Dr. B. V. Sumangala	Professor	Academic Excellence for Obtaining American Patent for the research carried, by Dr AIT, PVPWT
2018	Dr .S. Vasudevamurthy	Associate Professor	Academic Excellence for Obtaining American Patent for the research carried, by Dr AIT, PVPWT
2018	Dr. Harish G	Associate Professor	Outstanding work for Ph. D thesis in Computer Science and Engineering by JJT University
2018	Dr.B.Sivakumar	Professor	Texas Innovative award by Texas Instruments-2018.
2018	Dr.Prashanth C.R.	Professor	Best Paper Presenter by GSSSIE TW,Mysore2018.

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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	CV	CV Odd	01/11/2019	21/01/2019
BE	CV	CV Even	06/06/2019	18/06/2019
BE	ME	ME Odd	01/11/2019	21/01/2019

BE	ME	ME Even	06/06/2019	18/06/2019
BE	EEE	EEE Odd	01/11/2019	21/01/2019
BE	EEE	EEE Even	06/06/2019	18/06/2019
BE	ECE	ECE Odd	01/11/2019	21/01/2019
BE	ECE	ECE Even	06/06/2019	18/06/2019
BE	IEM	IEM Odd	01/11/2019	18/06/2019
BE	IEM	IEM Even	06/06/2019	21/01/2019

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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
157	4078	2

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
CV	BE	Civil Engineering	118	107	90
ME	BE	Mechanical Engineering	186	179	96
EE	BE	Electrical & Electronics Engineering	65	60	92
EC	BE	Electronics and Communication Engineering	181	181	100
IM	BE	Industrial Engineering and Management	48	48	100
IT	BE	Instrumentation Technology	48	47	97
TE	BE	Telecommunication	62	61	98
CS	BE	Computer Science & Engineering	197	192	97

IS	BE	Information Science & Engineering	53	47	88
ML	BE	Medical Electronics	15	14	93
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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
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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
No file uploaded.

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
Major Projects	3	AICTE	1135000	1135000
Major Projects	3	AICTE	300000	300000
Minor Projects	1	KSCST	6500	6500
Major Projects	1	Panchajanya Vidya Peetha Welfare Trust	499220	499220
Major Projects	1	VGST, GoK	500000	500000
Major Projects	2	AICTE	765000	765000
Major Projects	1	KSCST	10000	10000
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

9

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
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Repair rehabilitation of beams slabs in a building using FRP	Civil engineering	14/04/2018
One week FDP on Advances in welding Technology	Mechanical	23/04/2018
One week FDP on Advances in Internal combustion Engines	Mechanical	09/04/2018
Intellectual Property Rights	Electrical and Electronics Engineering	09/08/2018
Entrepreneurship - Start-Up	ECE	25/09/2018
One day ISE programme on "Six Sigma Quality Concepts and Lean Overview"	IEM	29/09/2018
Finishing School Program	IEM	22/03/2018
Basic Quality Tools and its Applications,	IEM	02/03/2018
How to think like an Entrepreneur	CSE	02/01/2019
Technical paper writing	CSE	07/03/2019
One day Seminar on "Recent Trends in Telecommunication Switching Systems : A Practical Perspective"	TCE	28/03/2018
One day seminar on "Higher / Abroad/ International Education"	TCE	25/09/2019
Finishing School on "Advances in Telecommunication Skill Development for Career Building" by EdGate Technologies, Bangalore	TCE	05/03/2018
Two days Workshop on "LABVIEW Remote Engineering Applications" by Cymbeline Innovations Pvt Ltd, Bangalore	TCE	30/10/2018
Five Days FDP on "Machine Learning its Applications: Hands on Approach" by DataLore Labs	TCE	23/07/2018
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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
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Texas Innovative award	Dr. B. Sivakumar	Texas Instruments	10/10/2018	Science Technology
CircuiTrix Event	Paavani Komarla	Dr.AIT	26/10/2018	Technical Event
Fun Buzz Event	Bharath H K	Dept. of ECE, Dr.AIT	26/10/2018	Technical Event
"Development of natural user based liquid die electric constant for Transformer"	Dr B V Sumangala . Dr S Vasudevamurthy	Dr AIT	14/04/2019	GM
The best theoretical oriented Research	Dr. Chandrrasekar	ASCE	15/06/2018	Science Technology
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
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	2
Mecahnical Engg	2
EEE	3
ECE	2
IEM	2
EIE	1
CSE	3
TE	1
ML	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CIVIL ENGG	23	7
International	Mechanical	25	3
International	EEE	19	0
International	ECE	7	1.19
International	IEM	4	0
International	CSE	15	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
CIVIL ENGG	4
Mechanical	5
EEE	18
ECE	1
IEM	4
EI	13
CSE	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 sesame seed Oil" International Patent (U.S.A)	Published	US 10,256,007B2	09/04/2019
"A process to extract Liquid Dielectric Coolant from Rice Bran Oil" (Indian Patent filed during the year 2015-16	Filed	4250/CHE/2015 C	01/01/2018
Multi Band Microstrip Patch Antenna	Published	201841021711 A	22/06/2018
Planar Inverted-F Antenna (PIFA) With Improved Bandwidth And Impedance	Published	201841015587 A	04/05/2018
An apparatus for reducing linear microstrip line bend loss using rectangular patch antenna	Published	2018/41014694	18/04/2019
EEG Seizure Detector and Predictor	Published	2.01841E11	15/11/2019

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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	Name of	Title of journal	Year of	Citation Index	Institutional	Number of
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Paper	Author		publication		affiliation as mentioned in the publication	citations excluding self 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
Survey on web mining technique and challenges of e-commerce in online social networks	K N Asha, R Rajkumar	Indian Journal of Science Technology	2018	2	2	Dr AIT
Twitter sentiment for analyzing different types of crimes	BR Prathap, K Ramesha	ICCCI	2018	6	24	Dr.AIT
Development and investigation on mechanical properties of pongamia oil-cake/UH MWPE filled basalt epoxy composites	Dr. N Mohan	Materials Today: Proceedings	2018	10	4	Dr AIT
Influence of deep cryogenic treatment on dry sliding wear behaviour of AISI D3 die steel	Dr. N Mohan	Materials Research Express	2018	10	8	Dr AIT
Deep Cryogenic Treatment	Dr. N Mohan	Arabian Journal for	2018	10	14	Dr AIT

of AISI M2 Tool Steel and Optimization of Its Wear Characteristics Using Taguchi's Approach		Science and Engineering				
IOT Based Garden Automation and WEB Based Analysis	Shivaputra , Meenakshi L Rathod, Shwetha M, Murali R, S Sukumar	Journal of Advanced Research in Dynamical Control Systems	2018	0	0	Dr.AIT
Effect of temperature on slot discharge pattern measured in stator coils at variable frequency sinusoidal voltage excitation	Dr B V Sumangala	12th International Conference on the Properties and Applications of Dielectric Materials (ICPADM)	2018	4	2	Dr AIT
Air quality modelling using long-short term memory (LSTM) over NCT-Delhi, India	Dr Chandrasekar	SPRINGER	2019	7	7	0
Modeling and prediction of hourly ambient ozone (O3) and oxides of nitrogen (NOx) concentration using artificial neural network and decision	Dr. Chandrasekar	American Society of Civil Engineers	2018	5	5	0

tree algorithms for an urban intersection in India					
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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	167	47	3	10
Presented papers	34	3	3	5
Resource persons	10	5	2	1
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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 Solid Concrete blocks	SC Srinivasalu	1200
Civil Engineering	Compressive strength of Solid Concrete blocks	Lakshmanaik	600
Civil Engineering	Geotechnical Investigation	Assistant Executive Engineer, Panchayathraj Engg Division, Nelamangala	7500
Civil Engineering	Structural Stability Certification	Om Sai Intex Pvt Ltd	35000
Civil Engineering	Design and drawing of multistory building	PWD WORK- school building at Nelamangala, Bangalore.	25000
Civil Engineering	Structural Details	Assistant Executive Engineer, Panchayathraj Engg Division, Nelamangala	17000
Mechanical Engg	TEQIP consultancy	BMSCE	40000
EEE	Consultancy	Dheya Engineering	20000
ECE	Partial Discharge Testing of 66 kV C.T 66 kV P.T	Suman Controls pvt ltd, Bengaluru	7000

EIE	Sliding wear Testing	Sliding wear Testing	1000
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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
One week FDP on "Behavioural Remodelling and use of ICT Tools for Classroom Delivery of Teachers" 19th to 23rd Feb' 2019	TEQIP-III, IIT-Guwahati	5	100
One Week FDP on "Advances in Signal Processing and Robotics", Dr. AIT from 27th Aug - 1st Sept 2018	TEQIP-III,	3	60
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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
0	00	0	0
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Eco Friendly Ganesha Festival	NSS	Awareness about Eco Friendly Ganesha Festival	15	100
No file uploaded.				

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 "Cutting-Edge Technology In Design And Application of Transformers", in association with Sara Consultants, Bangalore (29th - 31st August, 2018).	Students	TEQIP-III	3
Finishing School on "Switchgear its Applications", in association with Universal Power Controls Pvt. Ltd, Tumkur, 23rd -29th January 2019.	Students	TEQIP-III	5
SDP on "Solar PV Fundamentals, Construction and Applications of Solar Power Plant" Dr. Ambedkar Institute of Technology, 23rd - 24th, January 2019.	Students	TEQIP-III	2
Personality Development Programme, for 6th semester EEE students, Dr. Ambedkar Institute of Technology, 29th -31st ,Jan2019.	Students	TEQIP-III	3
Technical talk on "Power System Protection"Mr. Subbaraju, Consultant M/s PRDC, Bengaluru, 09.02.2019.	Students	ISTE	1
FDP on" Behavior Remodeling and use of ICT Tools for classroom delivery of teachers" Dr. Ambedkar Institute of Technology, 19th-23rd February2019.	Faculties	TEQIP-III	5

Training Program on "Hands on Training on DSP Kit (TMS320C6713)"	Faculties and Students	TEQIP-3	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	15/06/2018	15/07/2018	Radhika M S, Sahana C, Sushmita,
Linkages with industries	Internship	Bangalore Metro Rail Corporation Ltd	20/06/2018	20/07/2018	Ashwin Yadav, Bhaswari G S, Harish S, K R Anusha, Karthik V
Linkages with industries	Internship	Bangalore Metro Rail Corporation Ltd	01/07/2018	31/07/2018	Ranjitha N, Ranjitha S H, Chithritha M, Ashrith Bhagavan Gowda
Linkages with industries	Internship	Bangalore Metro Rail Corporation Ltd	01/06/2018	01/07/2018	Annapoorna B V, Arpitha K C
Linkages with institution	Internship	IISC College	01/07/2018	31/08/2018	Thanisha S
Linkages with industries	Internship	KPWD. Executive	05/07/2018	31/07/2018	Vishal, Nagaraj
Linkages with industries	Internship	RDC Concrete Pvt Ltd	06/07/2018	05/08/2018	Krishna R
Industry	Programmable Logic Controllers	Green Automation Process Control and Industrial Automation	11/06/2019	11/12/2019	Faculty and Students
Industry	Modern Power System Protection	JVS Electronics	01/06/2018	31/07/2019	Students

Internship	Internship	RRTC, BSNL, Mysore	01/06/2019	01/07/2019	5
View File					

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
Green Automation System	05/03/2019	Student and Faculty Development Program	60
WHEREAS both Entuple Technologies	09/10/2019	partners for promoting the industry- academic interaction activities and to help achieve academic excellence	100
Aventyn is a California, USA based Health Technology Company	24/01/2018	All parties of this contract are entering into this agreement in-order to design and develop strategy for students education and designing various international standard applications for remote patient management and clinical systems and strategic al	30
TOYOTA KIRLOSKAR MOTOR PRIVATE LIMITED	10/05/2019	This agreement for establishment of TOYOTA Excellence center	80
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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
No Data Entered/Not Applicable !!!	
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	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	69526	20280605	223	53324	69749	20333929
Reference Books	12300	3578929	70	13331	12370	3592260
e-Books	13600	0	13600	0	27200	0
Journals	229	514197	131	363814	360	878011
e-Journals	8611	2374678	8611	1160250	17222	3534928
Digital Database	0	0	0	0	0	0
CD & Video	3200	0	250	0	3450	0
Library Automation	1	511675	0	0	1	511675
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	1	90000	0	0	1	90000

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1067	1023	1067	0	0	44	0	1	0
Added	150	106	150	0	0	44	0	0	0
Total	1217	1129	1217	0	0	88	0	1	0

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

1000 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
420.76	258.93	389.3	276.25

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

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

maintained in office in which students as well as faculty can register their problems which are resolved within a set time frame. Students are sensitized

www.dr-ait.org

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	0	0	0
Financial Support from Other Sources			
a) National	Financial Support from the Govt. of Karnataka for -SC/ST,OBC, Defence Minority students From PMSSS for J K students	2267	50196000
b) International	0	0	0

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Mentoring	08/08/2018	880	0
Remedial Coaching	10/03/2018	300	0
Self developed films/stories for soft skills	15/01/2018	880	0
Young india films	15/01/2018	880	0

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	GATE Aptitude class Language class	455	455	455	455

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
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
Philips Tata Consultancy Services (Digital) Infosys	650	455	Accord Software Syntellect	350	19
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	38	BE	EEE ME ISE IEM CSE	UVCE BMS MSRIT PESIT NIT Surthkal RVCE MSRIT PESIT NIT Surthkal RVCE MSRIT PESIT	Mtech in Power Electronics MTech in Machine Design ME MTech in Data Science CNE Cyber MTech in Machine Design ME MTech in Computer science Engg
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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	13
Civil Services	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Athletic Meet	College	350
Football Tournament	VTU South Zone	140
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Silver	National	1	0	1DA16ME004	Barath Chandra
2018	Gold	National	1	0	1DA18EC124	Vijaya Lakshmi
2018	Silver	National	1	0	1DA18CV086	Rahul Das
2018	Bronze	National	0	1	1DA16CS187	Krupa K

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

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 3000. The entire data base giving Alumni contact work profile are available for any time access. The yearly Alumni meet was prescheduled to second saturday of December every year and this was officially announced in the last Alumni Meet. Keeping up with that this years Alumni meet falls on 7th December 2018 and the same is published on the Alumni web portal and the registration to the event is also open. The Almshines the company which is hired to provide the Alumni service has proposed event follow up so that it just does not end with the meet. They have given a detailed proposal few points are highlighted below. The proposed activites: seek assistance of alumni in placements ? Volunteer to become Batch Ambassador? Instituting Scholarship/crowd-source funds? Take up expert workshop/lecture series? pre-event student almni interaction? Feature expert article series? Pre-event studentAlumni interaction attachments: 1. Alumni meet Announcement in the the alumni web portal. 2. Alumni-Meet proposal by Almashines Dr. Dhanthi KJ

Date 08-12-2018 Alumni Co-ordinator.

5.4.2 – No. of registered Alumni:

3000

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet on 08-12-2018

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)

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 and guide the students

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	<p>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</p>
Teaching and Learning	<p>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)</p>

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.

Examination and Evaluation

Every year, college distributes the Academic regulations book to the newly joined students (1stYear) 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 apprises 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.

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.

Library, ICT and Physical Infrastructure / Instrumentation

The Institute has a total land area of 20.53 Acres of which about 79725.38 sq.m has been constructed with robust structures for various academic purposes including accommodation facilities for students (hostels). Apart from this 80 Class rooms for UG PG programmes that includes, 3 air conditioned seminar halls, Auditorium, faculty rooms, wide corridor space, good natural lighting and ventilation and open air auditorium with 1000 capacity are available. Every departments are headed provided with built up areas as per the requirements of AICTE in the form of class rooms, laboratories, tutorial and seminar rooms, staff rooms, HOD Room, departmental office and library. Cabins for HOD, Professors, Associate Professors and Assistant Professors are available with intercom, internet and computing facilities. The campus also provides appropriate parking facility for two wheeler and four wheeler vehicles. Power backup Facilities are provided throughout the college with 250 KVA generators. In addition to this UPS backup in various laboratories are available. The college has sufficient water facilities from RO water purifiers. The college has buses for transport of the students, faculty and staff. Smart campus facility for end to end campus computerization to achieve greater operational excellence has been initiated. The smart campus facilities comprising modules such as admission management, administrative staff services management, and Wi-Fi facilities are available in the campus. There are leading hospitals are situated within 100 meters of the campus Viz. Fortis hospital and Panacea hospital who provides ambulance services if required. In addition the Govt. run ambulances service is available on call to 108. The college has entered into MOU with Panacea hospital so as to get medical support for any emergency cases related to students, staff and faculty members. The college has independent indoor and outdoor sports facilities and our students are regularly using them for their various sports activities. B.com,

M.P.Ed, Qualified Physical Education Director (PED) is looking after the various sports activities. Outdoor facilities: 200Mtrs. Athletic Ground Cricket ground (60 Yards) Throw Ball Foot Ball Basket Ball court Volley Ball Kabbadi Kho-Kho Court. Indoor facilities: Gymnasium Shuttle Badminton Carom Table tennis. The central Library of the College have a library committee formed by Principal as Chairman, HOD's Librarian as committee members. The purpose of library committee is to improve the services and benefit to the users satisfaction and also improvement of the library infrastructure. Library committee plays a vital role in designing policy matters / decisions for smooth running of the Library. Regular meetings are held to discuss the library related issues. Responsibilities of Library Committee are Budget Allocation Policy Decisions Forming Rules and Regulations and Controlling its implementation considering demands received from readers and reviewing library rules as per need Advising Librarian to solve administrative problems and Book selection in co-ordination with their respective heads of departments.

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.

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.

Admission of Students

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

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

E-governance area	Details
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

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. M.N.Hegde	Advanced Pedagogy and Management Capacity Building	Gangtok, Sikkim	72344
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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)
2018	Smart Materials and Structures		27/03/2018	27/03/2018	60	0
2018	Industrial Innovative Management Practices (IIMP-2018)		15/03/2018	16/03/2018	40	0
2018	Computer Integrated Manufactur ing along with Industry Visit		23/03/2018	23/03/2018	60	0
2018	Adobe Photoshop and Applic ations		07/06/2018	08/06/2019	60	0
2018	Joy of Learning Computer Networking		25/06/2019	29/06/2019	40	0
2018	Advanced Welding Technology		23/04/2018	27/04/2019	60	0

2018	National Conference on Technology Innovation (NCTI-2018)		23/05/2018	24/05/2019	100	0
2018	Machine Learning and its applications : Hands on approach		23/07/2019	27/07/2019	60	0
2018	Advances in Digital Signal Processing and Robotics		27/08/2018	01/09/2018	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
Achieving Excellence in Engineering Education	5	24/05/2018	28/05/2018	5
Research Methodology	3	04/06/2018	09/06/2018	6
Advanced Manufacturing	4	16/07/2018	27/07/2018	4
NBA NAAC Accreditation	8	18/07/2018	22/07/2018	6
Queuing Theory and Stochastic Process for Advanced Systems	1	02/07/2018	13/07/2018	12
Research Methodology	1	30/07/2018	04/08/2018	6
Machine Learning Fundamentals	2	18/07/2018	20/07/2018	3
Summer Faculty Research Fellow Programme - 2018	1	21/05/2018	12/07/2018	45
Advanced	1	21/06/2018	25/06/2018	5

Industrial
Automation

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
18	18	6	6

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
PF ESI PENSION GROUP INSURANCE	PF ESI PENSION GROUP INSURANCE	INSURANCE

6.4 – Financial Management and Resource Mobilization

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

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	30486000	Salary

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6.4.3 – Total corpus fund generated

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 Institutions but we are conduction annually Parent Teachers meeting. Taking the feedback from the parents regarding academic progrss 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, had led us to take many initiatives to not only comply with the recommendations, but also go a few steps further. The following measures have been taken in the light of the suggestions made by the peer team in the previous reaccreditation cycle: 1. Teachers may be encouraged to acquire higher qualification through research: lectures and workshops have been organized on various aspects of research, to update and motivate staff for undertaking research publications in peer reviewed journals. 2. Complete automation of library and digital and virtual library may be provided: complete automation of the library has been accomplished with the incorporation of bar coding to the existing customized software. Bar coding has led to maintaining error-free data of book circulation and efficient stock taking. The library software is linked to the IMS of the college to facilitate easy import and track user data. Some efforts are made in the direction of digital and virtual library staff and students use this facility extensively for reference work.. 3. Collaborative linkages with industry and institutes of research may be undertaking: Linkages have been established with an intention to place our students for internship, where they get on the job training and/or conduct short term research projects. Experts from industry and institutes are invited for delivering guest lectures for 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
2019	National Seminar EMERGING TRENDS IN QUALITY EDUCATION : A ROAD MAPA	15/02/2019	15/02/2019	16/02/2019	110
2018	National Symposium on Internationalization of Higher Education: A Paradigm Shift	18/12/2018	18/12/2018	18/12/2018	100
2019	National Conference on RECENT TRENDS SCIENCE ENGINEERING AND MANAGEMENT	07/06/2019	07/06/2019	08/06/2019	245

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
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

There is no formal Green audit in the campus. However, the college is taking steps to conduct green audit in its campus. The college has lavish greenery spanned over 13.8 acres of land. All are well aware of the consequences of campus pollution and practice eco-friendly initiatives in as many ways as possible. Few initiatives are:

- The campus is free of plastic cups.
- Repeated instructions are issued from the Principal's office to avoid plastics
- Blowing horn is strictly prohibited inside the campus.
- Appointed Gardeners to take care of the plantation in the institute.
- Beautiful lawn is maintained in front of the college apart from the trees spread all over the campus
- NSS team help in maintaining greenery and neat environment across the Institute premises.
- Following measures have been taken for energy conservation: Energy conservation:
- Created Awareness among the students and staff on energy by arranging guest lectures and workshops.
- Switching off all the electrical utilities whenever and wherever they are not required.
- The Incandescent bulbs

are replaced with high efficient CFL bulbs • Food waste from the mess of the hostel are utilized to produce methane gas through the bio gas plant established in the campus. The Methane gas is used along with LPG in the mess for cooking purpose. • Use of Air conditioning unit (wherever applicable) is made only when essential. Due to lavish greenery on campus, air circulation is very good. This demands very few rooms only with air conditioning. e-waste management: • As the college is Govt. aided institution, the Electronic and computers/Computer accessories, which are declared "Obsolete" are sold through auction to a licensed vendor on periodical basis with the prior permission from DTE. College also has a scheme of buy, which new equipment are purchased under old buy back scheme (replacement of old with new equipment). Use of renewable energy: • Following measure has been taken for use of renewable energy: • Solar street light units have been installed on main streets. • Installation of Solar Water Heater in Hostels.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	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
2018	1	1	28/09/2018	1	Awareness about Junk food and Drugs Addiction	NSS	60

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Kodagu Special Camp	25/10/2018	NSS unit had organised at flood special to serve the flood victims at Thalakaveri and Bhagamandala (Kodagu

district) for four days (25th to 28th October 2018). 50 student volunteers and staff coordinators had been to Kodagu and took part in activities to help them.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Fund Collection for Kodagu flood Relief	20/08/2018	27/08/2018	175
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Awareness about Eco Friendly Ganesha Festival (8th and 11th September 2018): An awareness programme was organised by the NSS unit of Dr. AIT on 8th and 11th September 2018 about the benefits of an Eco Friendly Ganesha Festival. Our beloved Principal Dr. C.Nanjundaswamy, Dean (Academic) Dr. M.N.Hegde, addressed a group of 100 students, NSS coordinators and NSS volunteers who displayed placards and banners highlighting the importance of an eco-friendly Ganesha festival. NSS coordinators and student coordinators and volunteers of Dr. Ambedkar Institute of Technology actively participated in this program

Awareness about Eco Friendly Diwali (5th November 2018): An awareness programme was organised by the NSS unit of Dr. AIT on 5th November 2018 about the benefits of an Eco Friendly Diwali. Our beloved Principal Dr. C. Nanjundaswamy led a group of 50 students, NSS coordinators and NSS volunteers who displayed placards and banners highlighting the importance of an eco-friendly Diwali. NSS coordinators and student coordinators and volunteers of Dr. Ambedkar Institute of Technology actively participated in this program.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

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

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

The Context Gone are the days when academicians can sit in ivory towers and look down upon lesser mortals. The current demand of the society is for the learned to come down to earth and return to the society what they have received

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

- All Faculty members are encouraged to attend and present papers in national and international conferences to get exposed to recent and emerging trends in their fields of interest.
- To facilitate the same, the management extends 100 financial assistance towards TA, DA and registration fee. On duty leave can be availed by the teachers for such participations. These provisions are also extended to students for participations in seminars/ symposia/project contests etc.
- Concession in weekly work load up to two hours is offered to faulty working on funded projects.
- Seed money is provided to carry out work necessary preliminary work to enhance the probability of receiving funding - RD fund from Management
- Eminent researchers are invited to campus for delivering lectures during National and International seminars/workshops/ conferences organized by the various departments in the college to boost the knowledge level of the faculty and the students.
- Faculty can apply to the management for travel, boarding and lodging allowances to visit reputed research laboratories and funding agencies like AICTE, DST and DRDO either to submit their proposals in person or follow up the submitted proposals.
- As a part of the curriculum prescribed, the final students have to take up and complete project work to the tune of 12 credits. Turning this to the advantage of students, quality project works are assigned to the students by the faculty members or by Faculty and /Research Organization/ industry. Such a practice lifts the level of the students to a higher platform of knowledge domain.
- Winners in project contests are rewarded with equal prize money by the management during Ambedkar Jayanthi Celebration Day (14th April Every Year) as recognition to the work of the student and as a motivation to the others to follow suit.
- Memorandums of Understanding have been signed with many industries/agencies and such a practice plays a vital role in interaction of faculty and students with the industries and design projects in collaboration with them.
- The idea of Interdisciplinary projects has been disseminated and this has caught on by the students and faculty. Evidence of Success

• Fifteen Research centers, (including 10 UG Departments, 3 Basic sciences and 2 Master Degree Departments) under VTU Belgaum are established.

- 25 faculty members have been conferred with Ph.D and 10 MSc Engg in the last five years and 55 faculty members are actively engaged in pursuing the degree. Problems Encountered and Resources

Required • Sustained motivation of students and faculty is always a challenge • Time constraint is a spoke in the wheel, in planning and execution of research especially during formative and summative assessment processes and when ad hoc responsibilities are assigned. • More generous seed money/advance from the management for preliminary work or while awaiting funds from agencies is always welcome. • Prompt reply from funding agencies will be encouraging. • If the funding agencies can point out the reason for rejecting the proposal or offer suggestions for improvement, it will go a long way in the development to faculty and hence the students. Best Practice 2: Placement and Training (Career Development) Objectives of the Practice To improve the placement opportunities to the graduating engineers, training and placement centre has been established in the college with the following main objectives: • To motivate the students to possess a sound technical knowledge in the area of study • To enhance the programming skills of students • To train the students in time- bound answering of aptitude tests • To help students excel in language and communication skills • To prepare the students for different levels of selection process such as group discussions and one-to- one interviews • To help boost the students' confidence level through soft skills training • To inculcate the importance of projecting a smart appearance • To groom the students to the corporate level • To ensure that all eligible students are employed by the end of the final year of study The Context All over the Nation, in recent years, there is a massive inclination towards Engineering Education and the trend has not let off. One of the main reasons behind this is the plenty of employment opportunities the IT and other corporate sectors have been able to offer to fresh graduates with attractive pay packages. With large number of Government and private Engineering colleges and deemed to be universities offering professional education, if an institution has to find a place of repute, it has to be different and it has to be elite in terms of academics and in terms of training it offers to enable the students graduate successfully with a job offer in hand. If not, the survival of the institution is put under challenge. In this context, it has become imperative for a reputed institution like Dr. AIT, to ensure to the level best, that its primary stake holders are satisfied with respect to their expectations. Our Management being not new to this aspect of success has had a pointed focus on training the students for campus placement from many years and a placement office has been established with an experienced Placement Officer in charge. Since then the placement process of the college has taken a leap towards successful placement of students. The Practice The campus recruitment comes under the control of the placement officer. The placement officer is assisted by a team of Placement coordinators drawn from each department -

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

<https://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. Inculcation research culture in faculty and students is being given priority almost equal to the teaching-learning process. The competency of the students to face challenges of the society at the end of the their four year tenure will be enhanced not just by their grades and ranks but the ability to apply their knowledge, analyze problems, synthesize a solution

and evaluate the outcome. These skills can be acquired by working on real time projects during their academic career. In order to direct the students along these lines, the faculty also have to be fully equipped with necessary skills. Just as much as the teaching learning process is a partnership between the teacher and the taught, so also is the research and development process in which the guide and the researcher have equal role to play. The outcome of research should be relevant to the societal needs and a section of the society at least should be direct beneficiaries. Therefore, taking up research activities connected to the societal needs will imbibe a sense of moral responsibility in the students. The students are therefore advised to take up projects with some relevance to societal needs.

Provide the weblink of the institution

www.dr-ait.org

8.Future Plans of Actions for Next Academic Year

1. Workshop on Outcome education and NBA Accreditation. 2. Re-Constitution of IQAC Committee. 3. Applying for NBA Accreditation for UG PG for the remaining courses. 4. Extension of confirm of Autonomous status by UGC 5. Continuation of affiliation from VTU 6. Continuation of Recognition of 15 Research Centres by VTU. 7. AICTE Approval Process. 8. De-Centralisation of Administrative powers.