Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**B V RAJU INSTITUTE OF TECHNOLOGY**
Name of the head of the Institution	**Dr. Y. Krishna Reddy**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08458222000**
Mobile no.	**7337411184**
Registered Email	**principal@bvrit.ac.in**
Alternate Email	**bvrit@bvrit.ac.in**
Address	**B.V.RAJU INSTITUTE OF TECHNOLOGY, VISHNUPUR, NARSAPUR, MEDAK DIST**
City/Town	**NARSAPUR**
State/UT	**Telangana**
Pincode	**502313**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**07-Jun-2014**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr.K.V.N.Srinivasa Rao**
Phone no/Alternate Phone no.	**08458222099**
Mobile no.	**9398137808**
Registered Email	**srinivasarao.kvn@bvrit.ac.in**
Alternate Email	**bvrit@bvrit.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://bvrit.ac.in/index.php/iqac

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.bvrit.ac.in/index.php/academic-calendar

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.72**	**2011**	**16-Sep-2011**	**15-Sep-2016**
2	**A**	**3.29**	**2017**	**19-Jul-2017**	**18-Jul-2022**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**03-Mar-2011**

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

Awareness programs on Autonomous Status	22-Dec-2018 1	168
workshop on teaching and learning methods for faculty	04-Jan-2019 2	180
Seminar on preparation of NBA Accreditation for the tier 1	25-Feb-2019 1	250
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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
DST - FIST	FIST	DST	2015 1825	5000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File]()
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File]()
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Seminar on preparation of NBA Accreditation for the tier 1 Awareness programs on Autonomous Status Conducted Technical conferences/seminars/workshops/guest lectures Conducted workshop on teaching and learning methods for faculty Initiated Business English Certification course for the students.

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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
Research Focus	The college is providing support in terms of Seed Money, Academic leaves/OD etc. for conferences, workshop, for the Faculty to enhance the research
Employability, career guidance and placement measures for final year students	Arranged Mock Placement interviews , Several Training (CRT, PEGA)
Student feedback	Feedback for every subject is taken at regular intervals and quality measures are taken based on the report
To encourage various departments to apply for funded projects.	Various departments have submitted their proposals for funded projects.
Enhancement of Infrastructure	New Sports complex is started, Institute ambulance services are upgraded.
Extension programs	Blood donation camps are organized
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
GOVERNING BODY	23-Mar-2019

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

Date of Visit	15-Mar-2019

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	2019

Date of Submission	18-Jan-2019

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Our Institute have Management information system i.e. ECAP. ECAP aims at immediate availability of data in required formats ease the work of staff and management and increase in transparency and accountability in administration. Key Features of ECAP •

	Internet or Intranet enabled Application. • User Levels with Access Rights for Data Security. • Course/Batch/Category/Student Fee Dues Reports. • Tracks Performance of Scholarship Students. • Fee/Attendance Reminders and Progress Reports. • Attendance Marks Analysis. • Integration with Attendance Capturing Devices. • Accounts Module similar to Tally. • Payroll Integrated Staff Module. • Barcode Integrated Library Module. • Login for Students/Parents to access data online • Online Fee Payment facility for students.

<div align="center">Part B</div>

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
BTech	11	BIOMEDICAL ENGINEERING	23/06/2018
BTech	8	CHEMICAL ENGINEERING	23/06/2018
BTech	5	COMPUTER SCIENCE AND ENGINEERING	23/06/2018
BTech	12	INFORMATION TECHNOLOGY	23/06/2018
BTech	04	ELECTRONICS AND COMMUNICATION ENGINEERING	23/06/2018
BTech	02	ELECTRICAL AND ELECTRONICS ENGINEERING	23/06/2018
BTech	03	MECHANICAL ENGINEERING	23/06/2018
BTech	01	CIVIL ENGINEERING	23/06/2018
BTech	31	PHARMACEUTICAL ENGINEERING	23/06/2018
Mtech	51	CHEMICAL ENGINEERING	23/06/2018
Mtech	58	COMPUTER SCIENCE AND ENGINEERING	23/06/2018
Mtech	28	SOFTWARE ENGINEERING	23/06/2018
Mtech	55	EMBEDDED SYSTEMS	23/06/2018
Mtech	57	VLSI DESIGN	23/06/2018

Mtech	07	ELECTRICAL POWER SYSTEMS	23/06/2018
Mtech	64	POWER ENGINEERING AND ENERGY SYSTEMS	23/06/2018
Mtech	95	ENGINEERING DESIGN	23/06/2018
MBA	1E	MBA	23/06/2018
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Biomedical Engineering	23/07/2018	Programming for Problem Solving A32EA	23/07/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Rural Sensitization	23/06/2018
BTech	Applied Statistics and Numerical Methods	23/06/2018
BTech	Business Communication Lab	23/06/2018
BTech	Effective Technical Communication Lab	23/06/2018
BTech	Quantitative Aptitude and Reasoning Lab	23/06/2018
BTech	Technical Term Paper	23/06/2018
BTech	Advanced Tool Lab	23/06/2018
BTech	Cognitive Ergonomics	23/06/2018
BTech	Introduction to DBMS	23/06/2018
BTech	JAVA Programming for Biomedical Engineers	23/06/2018
BTech	Medical Device Design	23/06/2018
BTech	Artificial Intelligence	23/06/2018
BTech	Quality Control and Regulatory Aspects in Medical Devices	23/06/2018
BTech	Big Data in Healthcare	23/06/2018
BTech	Engineering Graphics	23/06/2018
BTech	Semi Conductor Physics	23/06/2018
BTech	Data Science with R	23/06/2018
BTech	Big Data Analytics (Associate Analytics-2)	23/06/2018

BTech	Block Chain Technologies	23/06/2018
BTech	Cyber Security	23/06/2018
BTech	Information Security Incident Response & Management (Security Analyst - 2)	23/06/2018
BTech	Deep Learning	23/06/2018
BTech	Innovation and New Product Development	23/06/2018
BTech	Virtual Reality	23/06/2018
BTech	Mobile Adhoc and Sensor Networks	23/06/2018
BTech	Social Networks and Semantic Web	23/06/2018
BTech	Geographical Information Systems	23/06/2018
BTech	Green Building Technologies	23/06/2018
BTech	Solid Waste Management	23/06/2018
BTech	Neural Networks and Fuzzy	23/06/2018
BTech	Non-Conventional Energy Sources	23/06/2018
BTech	Automobile Engineering	23/06/2018
BTech	Industrial Robotics	23/06/2018
BTech	Rehabilitation Engineering	23/06/2018
BTech	Machine Learning	23/06/2018
BTech	Big Data Technologies	23/06/2018
BTech	Internet of Things	23/06/2018
BTech	Language Processors	23/06/2018
BTech	Formal Language and Automata Theory	23/06/2018
BTech	Basic Technical Skills	23/06/2018
BTech	Composite Materials	23/06/2018
BTech	Secure Software Engineering	23/06/2018
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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
BTech	BIOMEDICAL ENGINEERING	23/06/2018
BTech	CHEMICAL ENGINEERING	23/06/2018
BTech	COMPUTER SCIENCE AND	23/06/2018

	ENGINEERING	
BTech	INFORMATION TECHNOLOGY	23/06/2018
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	23/06/2018
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	23/06/2018
BTech	MECAHNICAL ENGINEERING	23/06/2018
BTech	CIVIL ENGINEERING	23/06/2018
BTech	PHARMACEUTICAL ENGINEERING	23/06/2018
Mtech	CHEMICAL ENGINEERING	23/06/2018
Mtech	COMPUTER SCIENCE AND ENGINEERING	23/06/2018
Mtech	SOFTWARE ENGINEERING	23/06/2018
Mtech	EMBEDDED SYSTEMS	23/06/2018
Mtech	VLSI DESIGN	23/06/2018
Mtech	ELECTRICAL POWER SYSTEMS	23/06/2018
Mtech	POWER ENGINEERING AND ENERGY SYSTEMS	23/06/2018
Mtech	ENGINEERING DESIGN	23/06/2018
MBA	MBA	23/06/2018

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Clinical SAS Programming	02/01/2019	7
Training in Assistive Technology Lab	18/06/2018	25
Energy Engineering (Open Elective)	02/01/2019	150
Nano Technology (Open Elective)	02/01/2019	75
Chemical engineering simulation using MATLAB	22/02/2019	40
Industrial Safety (Open Elective)	02/01/2019	150
Robotic Process Automation	14/02/2019	110
Big Data Analytics	18/06/2018	43
Cyber Security	18/06/2018	60
Artificial Intelligence Machine Learning	18/06/2018	10
Coding Skills	16/06/2018	45
Aptitude, Quantitative and Reasoning Skills	18/08/2018	95

21 days training program Catia V6	28/12/2018	40
8 days training program on Auto cad	11/03/2019	54
8 days training program on Auto cad	25/03/2019	56
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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
BTech	BIOMEDICAL ENGINEERING	15
BTech	CHEMICAL ENGINEERING	20
BTech	COMPUTER SCIENCE AND ENGINEERING	96
BTech	INFORMATION TECHNOLOGY	42
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	50
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	25
BTech	MECHANICAL ENGINEERING	20
BTech	CIVIL ENGINEERING	20
MBA	MBA	25
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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

Student/Parents feedback is informed to teachers so that teachers can tune their teaching methodology for achieving better student results and overall development of students. Employers/Alumni feedback is used during curriculum changes and organizing internships/industrial tours. Teachers feedback is used during curriculum changes. The feedback is taken from the students both online and offline for each teacher. After that feedback on each individual faculty is analysed statistically and tabulated, and it is submitted to the Department Head. For this, we used ecap software of the college. Efforts are made to motivate parents to process feedback forms on the college. Evaluation of all college programmes with the respective stakeholders is conducted. Program exit feedback is taken at the end of the each Academic Year. • 20 Students are assigned to each faculty (Counsellor) to monitor the academic progress and overall development of the student. • Faculty mentors the students regularly.

Parents of these students are updated about the performance by their respective mentors by meetings and communication through SMS and Mails. The institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. Institution established Academic Council in order to ensure and analyze the academic excellence at student and faculty levels. Periodical analysis is made by Academic Council from the following: student performance, faculty performance in every semester, utilization of infrastructure and requirements for quality enrichment. B V Raju Institute of Technology thoroughly reviews the curriculum for every academic year. The college maintains an IQAC as a quality consistence and quality enhancement measure. In supervision of IQAC, various departments and committees like Career Guidance, AntiRagging and Disciplinary Committee, etc reinforce the curriculum by incorporating updated information and diurnal social issues. Institute collects the feedback physically from stake holders' viz. Students, Parents and Teachers on Curriculum further college website invites all stake holders to provide feedback through online. The college conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. Feedback from industrial management, R D establishments and professionals is obtained through college website's feedback blog. The provided feedback data is presented to the Academic Council Meeting for necessary implementation in curriculum. • Alumni surveys are conducted during alumni interaction at the alumni association meeting held every year • Whenever any alumni visits the college, feedback is taken • Further, college website invites alumni to provide feedback through online.

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
BTech	BIOMEDICAL ENGINEERING	30	45	29
BTech	CHEMICAL ENGINEERING	60	72	60
BTech	COMPUTER SCIENCE AND ENGINEERING	300	350	300
BTech	INFORMATION TECHNOLOGY	120	155	120
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	240	270	240
BTech	ELECTRICAL AND ELECTRONIC ENGINEERING	120	135	120
BTech	MECHANICAL ENGINEERING	120	135	120
BTech	CIVIL ENGINEERING	120	130	120
BTech	PHARMACEUTICAL ENGINEERING	60	40	34
Mtech	CHEMICAL	18	18	10

	ENGINEERING			
Mtech	COMPUTER SCIENCE AND ENGINEERING	18	18	15
Mtech	SOFTWARE ENGINEERING	18	18	6
Mtech	VLSI	18	20	15
Mtech	EMBEDDED SYSTEMS	18	20	12
Mtech	ELECTRICAL POWER SYSTEMS	18	20	18
Mtech	POWER ENGINEERING AND ENERGY SYSTEMS	18	20	18
Mtech	ENGINEERING DESING	18	20	18
MBA	MBA	60	75	60

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1255	122	299	17	10

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
328	328	120	105	5	15

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

YES . Each faculty mentor 20 students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4805	328	1:20

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
8	8	0	8	5

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.K.Subba Rao	Professor	Achieved a" International Research Excellence Award 2018" for Excellent Research Contribution in the 2018 From International Award ConferenceIARDO with GIET Conference held at Goa on 28th October 2018.
2018	Mrs. V. Srilakshmi	Assistant Professor	Cleared UGC NET, TS SET and KSET
2018	M.Krishna Prasanna	Assistant Professor	Venus International Foundation Award2019, under young Women Category at Chennai
2018	Dr. Laxmi Narsaiah	Professor	Dr. A.P.J. Abdul Kalam Life time Achievement Award on June 2nd 2018 at Bengaluru, for his contribution to the development of the nation and achieving excellence in the field of Teaching, Research and Publications.
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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
BTech	UG	1	22/11/2018	10/01/2019
BTech	UG	2	13/05/2019	24/06/2019
Mtech	PG	1	02/11/2018	01/12/2018
Mtech	PG	2	17/05/2019	05/07/2019

MBA	PG	1	02/11/2018	01/12/2018
MBA	PG	2	17/05/2019	05/07/2019

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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
0	4805	0

2.6 – Student Performance and Learning Outcomes

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

http://www.bvrit.ac.in

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
11	BTech	BIOMEDICAL ENGINEERING	26	22	80.07
08	BTech	CHEMICAL ENGINEERING	62	51	80.62
05	BTech	COMPUTER SCIENCE AND ENGINEERING	352	330	93.75
12	BTech	INFORMATION TECHNOLOGY	110	102	90.16
04	BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	284	220	96.11
02	BTech	ELECTRICAL AND ELECTRONOCS ENGINEERING	135	126	96.33
03	BTech	MECHANICAL ENGINEERING	135	120	88.8
01	BTech	CIVIL EINGINEERING	133	127	95.5
58	Mtech	COMPUTER SCIENCE AND ENGINEERING	10	8	80
28	Mtech	SOFTWARE ENGINEERING	8	8	100
55	Mtech	EMBEDDED SYSTEMS	18	17	94.44
57	Mtech	VLSI DESIGN	15	15	100

07	Mtech	ELECTRICAL POWER SYSTEMS	15	15	100
64	Mtech	POWER ENGINEERING AND ENERGY SYSTEMS	9	7	77.78
95	Mtech	ENGINEERING DESIGN	15	11	73.33
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2.7 – Student Satisfaction Survey

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

http://www.bvrit.ac.in/index.php/iqac

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

Yes
Name of the teacher getting seed money
DR.G.B.RADHIKA
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr.M.Radha Kumari	Summer Faculty Research Fellow Program 2018	29/06/2018	IIT DELHI
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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	1095	DDSTSEED –TIDE	65.2	15
Major Projects	730	DST SEED	36.03	8
Major Projects	1095	DST SEED	93	20
Major Projects	1095	DST	96.34	72.5
Major Projects	545	INUCOM	12	12
Major Projects	1095	DST SERB	49.43	5.66

Major Projects	1095	DST SERB	44.89	6.85
Major Projects	1095	DST SATYAM	27.81	5.25
Major Projects	1095	DST SEED TIDE	64.76	48.63
Major Projects	730	AICTE MODROBS	17.37	13.89
Projects sponsored by the University	120	SVES	0.3	0.3

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

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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
2Day FDP on Introduction to Python	COMPUTER SCIENCE AND ENGINEERING	16/08/2018
2 Day FDP on Introduction to Mobile Application Development	INFORMATION TECHNOLOGY	17/08/2018

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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
NTT DATA Code For Good	G Gautam, J Dileep, Pavan Kumar Reddy	NTT DATA	10/04/2019	Certificate followed by MI Watch(All India 10th Rank)
FLIPKART GRiD Hackathon 2019	L Rama Krishna Reddy and G Sharath Kumar	FLIPKART	15/03/2019	Certificate(All India 164th and 174th Positions)

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Air Ok Technologies Pvt Ltd	Dr.G.B.Radhika and Dr.U. Gangadhar	BVRITN Air Ok Technologies Pvt Ltd	Air Ok Technologies Pvt Ltd	Manufacturing	25/04/2019

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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
MATHEMATICS	2

COMPUTER SCIENCE AND ENGINEERING	1
ELECTRONICS AND COMMUNICATION ENGINEERING	1
ELECTRICAL AND ELECTRONCIS ENGINEERING	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	Biomedical Engineering	1	0.1

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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
CHEMICAL ENGINEERING	15
CIVIL ENGINEERING	10
COMPUTER SCIENCE AND ENGINEERING	14
ELECTRONICS AND COMMUNICATION ENGINEERING	11
INFORMATION TECHNOLOGY	11
MECHANICAL ENGINEERING	10
Basic Sciences	4
Pharmaceutical Engineering	2
Electrical Electronics Engineering	1
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Wheelchair Driven Controlled by P V Array	Published	2019410025	01/02/2019
A Method For Color Image Segmentation Using Dynamic Histogram Based RoughFuzzy C Means (Dr R Pitchai)	Published	2018410205	26/06/2018
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
AI based Differentiation of Be	Prof. Ashok Shigli	International Journal of	2018	193	B. V. Raju Inst. of Technology	0

| taThalassemia and Iron Deficiency Anemia | | Engineering Technology | | | | Narsapur Medak (Dist) Telangana, India0 | |

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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
AI based Differentiation of BetaThalassemia and Iron Deficiency Anemia	Prof. Ashok Shigli	International Journal of Engineering Technology	2018	29	0	B.V.Raju Institute of Technology, Narsapur

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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	33	61	19	41
Presented papers	48	10	3	8
Resource persons	2	15	7	5

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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)
BME	iNuCom	iNuCom	8000
IT	Programming to Devices of Fire Safety	SAFEWELL FIRE SECURITY SYSTEMS	120000

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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
IT	COMPUTER FUNDAMENTALS TRAINING	GRANULES INDIA PVT LTD	300000	50

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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donation camp	NTR Blood Bank	3	500
Free Computer Training Camp for Rural People	NSS Cell, JNTU Hyderabad	5	200
One Week NSS Special Camp at Village	Ramachandrapuram Village	3	100
Swachhata Program	Narsapur	4	100
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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
Short Term Training Course on Digital Design Systems (20182019)	Certification	cdac	41
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
National Integration Camp	State NSS officer and JNTU Hyderabad	NIC2018	10	200
Swachh Bharat	State NSS officer and JNTU Hyderabad	Swachh Bharat	10	100
Voter Awarness program	Election commissioner and JNTU Hyderabad	Voters Awarness	10	2000
Telangana start up yatra	Bvritn Telangana Gov	Startup India Telangana Yatra2018	2	10
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Machine Vision and Image Processing using labVIEW	Students	bvrit	4

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
MOU	Academic and Research Col laboration	Air Ok Technologies Pvt Ltd	25/04/2018	25/04/2019	Officials from BVRITN and Air Ok Technologies Pvt Ltd

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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
iNuCom	22/05/2019	Academic and research	2
Air Ok Technologies Pvt Ltd	25/04/2019	Academic and Research collaborations in the areas of mutual interest	3
Rainbow	05/02/2019	Academic and Research collaborations in the areas of mutual interest	3

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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
3520	3486

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing

Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with Wi-Fi OR LAN	Existing

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Software for University Libraries (SOUL)	Fully	SOUK 2.0 FE	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	57114	18189044	559	264222	57673	18453266
Reference Books	11115	5455747	87	131982	11202	5587729
Journals	1848	3342171	205	516494	2053	3858665
e-Journals	22192	5606348	9666	389294	31858	5995642
Library Automation	1	5550	0	18300	1	23850
Others(specify)	3	94224	2	227860	5	322084

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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	Platformon which module is developed	Date of launching e-content
Dr.Mrunalini Sasanka	English	ZOOM	06/06/2018

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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 (MGBPS)	Others
Existing	1569	48	219	1	4	1	9	219	0
Added	302	2	11	0	0	0	0	11	0
Total	1871	50	230	1	4	1	9	230	0

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

230 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
Big Data Analytics	http://www.vedic.edu.in/programmes/

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 incurredon maintenance of physical facilites
1680	1620	3385	3315

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 institution obtains the necessary requirements of class rooms, laboratories and other infrastructural resources from each HOD well before the beginning of the academic year. After validation of the requirements in IQAC the available resources are allocated to each department. Any new facility to be constructed / acquired is provided by the management before the semester begins. Wherever there exists a situation that a facility (a laboratory) is required by more than one department suitable adjustments in the time table would make the optimal use of the laboratory a possibility. Additional blocks for academic and administrative purposes have been constructed. Floors have been added to the existing blocks to enhance the facilities. Renovation of older blocks and modernization of laboratories have been done to meet the ever changing academic requirements. The institution has a permanent administrative officer to take care of all the construction work and maintaining the existing ones. The buildings are maintained for their upkeep and repairs on a regular basis. The house keeping team regularly maintains the buildings, corridors and other places clean and tidy. The wash rooms are maintained by a team on a regular basis to maintain their usability. The Departments managed by their heads are responsible for maintaining the laboratory equipment for their operational conditions. Before the beginning of the academic year the HODs would budget for repairs and maintenance in all their laboratories for the concerned academic year. They identify the agencies who would undertake the maintenance work and would get the equipment ready for operations before the beginning of every semester. The institution has an IT cell headed by a senior member of the faculty to oversee the procurement, maintenance, repairs and replacement of equipment like computers, laptops, projectors and others in the institute.

http://www.bvrit.ac.in/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fee Concession	91	4809350
Financial Support from Other Sources			
a) National	Fee Reimbursement by Telangana State	5259	152289800

	Government			
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 implemetation	Number of students enrolled	Agencies involved
COUNCELLING	01/06/2018	1449	BVRIT
ATL training	02/06/2018	25	ATL BVRIT
Yoga Day	21/07/2018	10	BVRIT
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	CRT Training	660	1810	119	260
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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
4	4	6

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
ADOBE	25	3	AMD	8	1
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.Tech	Biomedical Engg.	FH Aachen Univ. of Applied Sciences, Germany	MS
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	12

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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
B V Raju memorial tournament. 201819	State Level	531
BVRIT Annual Sports	BVRIT Annual Sports	1626

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Jind,Haryan	National	1	0	16211A0529	A.Bindu Reddy

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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)

S.NO NAME OF THE COMMITTEE NO. OF STUDENTS 1 Students Staff grievances 3 2 Training, Placements Career Guidance 4 3 Public Relations. Press Media 3 4 Entrepreneurship Development cell 4 5 Alumni 5 6 Social Welfare 4 7 Hostel 5 8 Canteen 5 9 Women Welfare / Sexual harassment Eradication Cell 4 10 Sports Games 5 11 Discipline 3 12 NSS NCC 3

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

YES: registration number 194/2008 President: Amith Kumar Gadam Vice President: Rakesh Kumar General Secretary: A.Srilalitha Joint Secretary: Srilatha Treasurer: N.Ramchander Executive Members: 1.N.Ramchander 2.B.Anil Kumar, 3. Srinu Prasad 4.Srilatha ReddY

5.4.2 – No. of registered Alumni:

600

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1.Annual Alumni Meet conducted on 29th December 2018 at BVRIT

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)

- HoD has financial powers up to Rs.50,000/ and also maintains Imprest amount of Rs.10,000/.Principal is administrative Head of the Institution and has financial powers up to Rs.5,00,000/. • For other curricular and extracurricular activities, the Departments and HoDs will put up proposals for financial approval by the Management based on recommendations of Principal. Organization of such activities is done by the department itself.

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	In AY 201819, the institute implemented the new curriculum for FY B.Tech and FY M. Tech under Autonomy as per the new norms of AICTE.Some of the faculty members of institute actively contributed in the design and development of revised syllabus. Based on inputs from stake holders and requirements expressed by senior teaching faculty, content beyond syllabus was included for various courses. Based on the recent communication of Model Curriculum framed by AICTE and with theapproval of Affiliating University, college has taken up implementation of revised academicregulations and curriculum, applicable from 201819 onwards called R18 Regulations.
Teaching and Learning	? Teaching and Learning Various efforts in terms of organizing value education sessions, counseling and awareness through counselors were taken up to address the same. Institute arranged brain storming sessions for faculty members for improvement and innovation in teaching and learning. In order to enhance quality in teaching and learning, students are encouraged to participate in MOOC like NPTEL to expose them to recent trends in the technology. Remedial lectures are conducted for slow learners and diploma students to bring them at par with the regular students. Attainment of Course Outcomes and gap analysis is done at the end of the semester and action plan are prepared and implemented to improve the teaching learning process.In addition to above, technical seminars

	for final year students and tutorial classes for all year students are also conducted to improve teacherstudent relationship and to backup average and below average students in academics and personality development. Courses are also added to improve students communication and analytical skills which are particularly helpful to crack competitive exams like GATE, GRE, IELTS, TOEFL, etc. In AY 201819, conducted a series of meetings with HoDs Deans and decided to implement the following activities to enhance the teaching and learning • By providing adequate infrastructural facilities • Appointing well qualified and experienced faculty members • Providing laboratories with latest equipments and software • Special care to the slow learners • Facilitating faculty members to upgrade their skill and knowledge in the emerging trends through enrichment courses • Motivating faculty members to pursue higher studies • Encouraging faculty members to use innovative teaching methodologies • Providing WiFi facility to utilize the online resources • Resourceful Library facility for referring books, journals, etc.
Examination and Evaluation	• The college conducts two internal assessment tests during the semester through a centralized Examination Cell. • Each subject teacher gives assignments/quiz/slip test as a part of continuous evaluation system per semester. • Rules and regulation for examination and evaluation system were well formulated. The system was implemented as per these rules, successfully for B. Tech and M.Tech. • The institute maintains complete transparency in the evaluation process and it strictly adheres to the norms prescribed by the Institute. • Examination committee to ensure smooth conduct of examinations. • The practical examination is conducted with internal and external examiners appointed by the Superintendent of examination. • College being autonomous, the end exam question papers are received from external paper setters whose names are approved by Principal. • The evaluation of answer scripts are done by senior internal faculty and external experts whose

	names are approved by their respective Chairmens of Board of studies. • The result committee meets to finalize and announce results, which has University nominee. • Blooms TAXANOMY is used while framing the questions for MID term Examinations and End Semester Examinations. • The Course Outcomes (COs) are indicated against each question in the question papers. • The Course Outcomes are calculated for each subject for MIDI, MIDII and Assignments. • At the end of the semester the COs attainment calculations are done to analyze the learning levels of students in MID term Examinations, Assignments and End Semester Examinations
Research and Development	Research and Development is the one of main focuses of the Institution.A functional committee under the headship of Director, RD has been constituted by the institution to device the strategies on implementing the research and development activities. Institute has well defined policy for Research Development. Funding was provided to various students for UG and PG projects under SVES of the institute. Few faculty members received funds for their research projects.Faculty members are encouraged to applyand obtain research grants from various Government and nonGovernment, researchfunding agencies such as UGC, AICTE, DST, etc.Funds from AICTE, DST, UGC, DRDO are acquired and utilized for research and developmental activities and for upgrading the laboratories. Certain important RD initiatives of the institute are • The faculty members are encouraged to publish their research contributions in various National International Journals and conferences. Research papers are awarded financial incentive per paper to the faculty members based on the quality of publication. • Publication and presentation of technical papers at conferences are encouraged by providing deputation and support towards travel/registration. • Academic leave is granted to faculty members to attend short term programmes/FDPs/seminars at other institutions. • Many Departments have established advanced equipment labs and special labs are created to meet not only the academic requirements

	but also research needs. • The institute has both networked WiFi internet facilities for the fast access of online resources. • The institute encourages the research scholars by providing onduty leave to succeed in their research. • The institute motivates the faculty members to attend research oriented seminars/workshops/conferences, etc., by providing special onduty leave. • Encouraging faculty members to pursue Ph.D programmes in reputed universities • The institute supports the researchers by providing high end computing facility with necessary software and with modern equipments The institute central library facilitates research oriented books, journals ejournals for research reference
Library, ICT and Physical Infrastructure / Instrumentation	? Library, ICT and Physical Infrastructure / Instrumentation • Availability of text books, reference books and journals in the library is ensured for the effective course delivery. • Special audio visual room is available in the library to help the students to listen to the lectures delivered on the subjects. • The college subscribes to most of the major technical journals includes IEEE, ACE, ASME, ASTM, JGATE, Science Direct Journals etc. useful for researchers in various departments. Moreover NPTEL video classes are also available for 400 subjects. Besides central library, there are libraries in each department with ample volume of books, magazines and journals for easy access of reference books for faculties and research scholars. On special request from the research scholars, books required for research is made available and the library facilities can be availed for extended hours. • The institution strongly advocates and encourages the use of ICT tools to enrich the learning experience of the students inside and outside the classroom. All classrooms are ICTenabled including spacious seminar halls and auditorium for specialized needs. • Various ICT tools (like Office Mix and Ruby star, Google Classrooms, Forms Analytics and Concept Mapping Tools) were used by faculty and staff members. • Institute provided training to faculty on these tools through an

		exclusive institute faculty training centre VEDIC.
	Human Resource Management	? Human Resource Management • A well defined HR Manual is drafted and it is uploaded to institute website also. • The Institute appoints adequate number of qualified faculty through the procedure of open advertisement and interview by expert committee as per the norms of JNTU Hyderabad. • The recruitment procedures, service rules and promotion policies are made transparent and employees are benefitted with CL, EL, ML and EPF etc. • Employee's salary will be credited in the bank account directly. • Pay slips are issued to the employees every month. • The institution encourages the employees to their promotional activities in the form of higher education, presenting research papers in National/International conferences with financial assistance. • The Institute organizes various orientation and enrichment programmes for both teaching and nonteaching staff members for upgrading their skills in the latest technologies. • Problems of Female staff members are addresses through activities of Women Empowerment Cell. • Priority is given for recruitment of competent faculty members, training them to meet their teaching objectives, helping them realize their potential, rewarding high performing faculty members and counseling low performing faculty members based on their performance appraisal. • In addition, training is arranged for teaching as well as nonteaching staff by identifyingtraining needs, for enhancing professional competencies, teaching and soft skills. • The Institute frequently arranges training Programs and also deputes the staff to otherorganizations for attending such Programs for acquiring balanced skills (technical skills,teaching skills, soft skills).
	Industry Interaction / Collaboration	Industry interaction has provided opportunity for the students to undergo inplant training, industrial visit, etc. Workshops, trainings, offcampus placements, internships, guest lectures, sponsored projects and industrial visits were carried out with

	the support of industry. The Department identifies and invites industry experts to deliver content beyondsyllabus and make students aware of the current industry trends.Students are encouraged to take internship programs and industry visits to developedskills. The other major benefits of industry collaboration are • Members from industry are included in department BOS in framing syllabus of autonomous courses. • Industries extended internships for number of students across the departments. • To build and maintain excellent rapport with the Top Management of various Organizations and Industries and forge collaborative IndustryAcademia alliances • A unique and rare opportunity provided to students to learn the theoretical concepts practically • Initiating Memoranda of Understanding with major companies, where the component of learning that focuses on the application of theory in an authentic industrial context.
Admission of Students	? Admission of Students Institute is affiliated to JNTU, Hyderabad and admission process is carried out as per the norms laid down by EAMCET Counseling procedure. For post graduate programmes, the students are admitted through a common entrance test (PGCET) conducted by the State Government and counselling procedure as per the norms of state government.

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

E-governace area	Details
Finance and Accounts	Separate Accounting software is available through which online fees payment can be done by the students.
Examination	The entire examination process will be carried out by software package.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	R Srividya, M S Devi,M Dheenamma	National Conference on Emerging Trends in Mechanical	Anurag Group of Institutions	500

	and Chemical Engineering					
			[View File](#)			

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Inspire Impact Introspect	Nil	13/02/2019	15/02/2019	5	0
			[View File](#)			

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Workshop Design, Development and Manufacturing of Medical Device	2	24/05/2019	24/05/2019	1
		[View File](#)		

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
8	8	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Free breakfast and tea on all working days • EPF is been paid to all employees as per PF act. • Employees who complete more than 10 years of service are honored. • Tuition fee waiver for the wards of the staff. • Health Check up camp • Travel Grant for presentations in the conferences • Higher start for Higher qualifications •	• Free breakfast and tea on all working days • Health Check up camp • EPF • Maternity leave • Transport facility • Hospital facility	• Free breakfast and tea on all working days • Skill development (Spoken English, Computer Literacy, etc.,) • Health Check up camp • The Founder's scholarship is available for students who are from the low income group. • Student awards are constituted for 100 attendance in an academic year, topper of the semester in each branch, best outgoing

Subsidized travel in college buses for all employees. • Professors are provided car transport facility to college from city.		student etc. • A group insurance scheme has been imitated for the students • Sponsorship is given to students to present their papers at both the national and international level. • Campus Recruitment coaching classes for the students with the help of Experts • Merit Awards by the College. Cash and Gold Medals • Facilitating students to get the scholarship under State Government Reimbursement of tuition fee scheme • Book Bank service is provided for SC ST students for all semesters

6.4 – Financial Management and Resource Mobilization

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

• The internal financial audit will be conducted once in a month. • External audits are done by a legal financial auditors • In the Audits, experts verify all transactions related to income and expenditure. • There were no major observations noticed and the reports of the same are available

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
cONSULTANCY	7152000	COLLEGE DEVELOPMENT
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6.4.3 – Total corpus fund generated

467913000

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	JNTU Hyderabad	Yes	IQAC AUDIT COMMITTEE
Administrative	Yes	JNTU Hyderabad	Yes	IQAC AUDIT COMMITTEE

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

During orientation and PI Supporting the institutional ethos and value Feedback on regular basis Feedback on curriculum Feedback on overall disciplines Support for Internships Placements

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

Annual Staff training needs identified and training conducted. Support Staff is part of all activities academic and nonacademic. Regular Staff meetings to address their need and upgrade their skills are conducted. Organizing communication skills training thrice a year. Soft skills training programmes. Technical staff to undergo training for new software and equipment.

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

1) Revised incentive procedure is implemented for publication of papers in journals, attending conferences and other R D related programs 2) Renovation and addition of physical and IT infrastructure, modernization of existing laboratories. 3) Specials labs have been created to meet the industry's requirements. 4) Motivating and supporting entrepreneurial drive amongst students by establishing ED Cell 5) Syllabus revision is made and introduced open elective system and also introduced latest technologies in all departments.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Freshmen Conclave	05/06/2018	05/06/2018	05/06/2018	100

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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
Gender Sensitization	07/11/2018	07/11/2018	150	80
Women's day Celebrations	08/03/2019	08/03/2019	120	60

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

Yes, The College has internal mechanism to look in to the environmental audit. Institute does not compromise in maintaining ecofriendly environment. Since its inception, the Institution has taken steps for green initiative. First among them is plantation of about 5000 trees in about 110 Acres of BVRIT (Orchard Park) campus. Second green initiative to reduce the carbon emission is, by minimizing the usage of conventional electrical energy with the installation of alternate energy sources such as solar photo voltaic (PV) power plant. Third

step in maintaining low carbon content is the avoiding usage of plastic in campus and encouraging the use of degradable paper disposables. Ponds have been made available for harvesting rain water, where in the rain water is being used for the plantation and in maintaining the landscapes. Sewage water treatment plant has been established to recycle the water and the recycled water is used for flushing toilets as well as for watering the plants within the campus. R.O plant is installed in the year 2012, which treats 2000 litres/hr for utilization within the Campus. About 50 of Total Power shared by Vishnu centre of photovoltaic research and education with 441 KWp Roof top PV Plant.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	10
Provision for lift	Yes	10
Ramp/Rails	Yes	10
Braille Software/facilities	No	0
Rest Rooms	Yes	10
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	10

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	5	5	01/07/2018	7	Van Mahotsa	Importance of Plantation	250
2018	5	5	01/08/2018	15	SwachhtaPakhwada	Clean Green	100
2018	5	5	25/06/2018	2	Free Computer Training Camp	To create employability for the local people	250
2018	5	5	04/06/2018	1	Physics Chemistry laboratories	To create Lab facilities for school children	170
2018	5	5	04/06/2018	1	Sanitary napkins	Sanitary napkins	320

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)

BVRIT Manual	16/07/2018	Manual is the source of reference for the students and staff regarding the code of Conduct and College Rules.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
National Integration Camp2018	26/08/2018	01/09/2018	120
VAN MAHOTSA	01/07/2018	07/07/2018	120
SwachhtaPakhwada	01/08/2018	15/08/2018	200
Free Computer Training Camp2018	26/06/2018	27/06/2018	100

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

- Air quality monitoring at BVRIT • Water supply monitoring • Sewage treatment monitoring • Waste management • Fresh air circulation improvement in class rooms and seminar halls • Traffic and security monitoring using image data analysis from CC cameras • Internal electrical safety audit • Electrical lighting loads management using smart sensors • Multidimensional view of rotating like sphere • Software Apps • V library

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link http://www.bvrit.ac.in/index.php/bvritgoinggreen/solarporject • BVRIT Going Green • Assistive Technology Lab • Emerging Technology Center • Club InQuizitive • Cloud Computing Center • Vishnu Innovation Labs (ECE) • Vishnu Innovation Labs (Mechanical) • BVRIT Knowledge Centre • City Centre @ Hyderabad • Particle Technology Lab • Entrepreneurship Development Cell (EDC) • Rural Women Technology Park

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

http://www.bvrit.ac.in/index.php/bvrit-going-green/solar-porject

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

Shade net, poly mulching, and vermin tetra bet, drips/micro irrigation and improved seed/seedlings.The use of appropriate technology by integration of different methods will ensure proper germination and transplantation of vegetable seedlings. Further, the best seedlings can be sold to other clusters. Tribal women are capacitated by providing trainings to acquaint with new technology and make use of new technological practices, creating instant initiation of effective use of limited resources. Cultivation of dry land crops by introduction of mixed farming systems: This was a welldeveloped system of farming that combined risk reduction with optimum use of scarce resources and included at least twelve different types of crops including forage crops,

oilseeds, pulses and millets, which together ensured that the soil fertility was maintained and the poor had access to a balanced diet. Women who are having small and marginal landholdings and who are already into cultivation of crops for own consumption will be selected. BVRIT will provide value addition technology and associated knowhow along with training and mentoring on product development, market and business strategy, and establishment of appropriate linkages with industry. Production of exotic flowers through greenhouse cultivation: Women belonging to the families of Marginal farmers (with small land holding) as well as SHGs would be formed who are willing to contribute 1/4th of the cost of infrastructure for green houses. The remaining costs of 3/4th will be leveraged from the state government/horticulture board. The planting material (seedlings) can be procured from designated nurseries, gene banks and state horticulture centres. Normally, flowers immediately after harvest is graded, packed, and send to market. In context of Medak district, the distance from farm to market is maximum of 35 km. Thus, as such there is no need of precooling or refrigerated van to transport the produce. NTFP based livelihood interventions The interventions proposed under this head will be Hill broom cultivation processing/ value addition and manufacturing of value added products from Butea monosperma (Plates from leaves, ropes from wood, natural color/dyes from flower, gums/resins from barks. The mandal is in the vicinity of reserved forest. Interventions in Handloom and Handicrafts Decentralized Training Programme for Handloom Weavers will be launched to bring about skill up gradation amongst skilled and semi skilled category of handloom weavers to enhance their productivity, earning capacity and the marketability of their products. They can be able to transfer better technology in weaving, designing and processing to the weavers, and to enhance the motivation level of the weavers to adopt improved technology and to train the weavers, dyers, and designers associated with handloom cooperatives to enable them to increase productivity, improve quality and increase their earnings by accessing a better market for their products.

Provide the weblink of the institution
http://www.bvrit.ac.in/

8.Future Plans of Actions for Next Academic Year

1. Establishment of new indoor stadium for students 2. New Gym facility for students 3. Construction of new quarters for staff members 4. Introducing special research labs in ECE and CSE departments