Yearly Status Report - 2019-2020

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.K. Lakshmi Prasad**
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	**Vishnupur, Narsapur, Medak Dist**
City/Town	**Narsapur, Medak Dist**
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	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. K.V.N.Srinivasa Rao**
Phone no/Alternate Phone no.	**08458222000**
Mobile no.	**9398137808**
Registered Email	**bvrit.iqac@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	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://bvrit.ac.in/examinations-main/academic-calendar

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	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	**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
Seminar on preparation of NAAC Accreditation	**22-Feb-2020** **1**	**200**

Workshop on Innovative Teaching Methodologies	24-Jan-2020 2	150
Awareness programs on NBA Accreditation	15-Nov-2019 1	200
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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 2020	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)

Awareness programs on NBA Accreditation for the tier 1 Seminar on the preparation of NAAC Accreditation 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 Cultivation	To promote Research cultivation college

	is providing incentives for workshops, conferences for both faculty and students
Counselling and Career Guidance for final year students	Career oriented counselling and Arranging Mock Placement interviews, Several Training (CRT, PEGA)
Subject feedback form Student	Feedback for every subject is taken at regular intervals and quality measures are taken based on the report
Improving Infrastructure Facilities	New Faculty quarters built, New Sports complex is established, Institute ambulance service Upgraded, New Food Corner built
Extension programs under UBA	Five villages are adopted under Unnat Bharat Abhiyan (UBA). Household survey and village survey have been completed in the adopted villages.
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body Meeting	14-Dec-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	09-Oct-2020

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	2020
Date of Submission	26-Feb-2020

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 has an information system for the administration, i.e. ECAP. ECAP aims to promote the work of staff and management in the immediate availability of data in the appropriate formats and to improve 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 Payment Facility

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
Nill	nil	Nill	Nill
No file uploaded.			

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
Nill	nil	Nill	Nill	Nill
No file uploaded.				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	nil	Nill
No file uploaded.		

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	23/06/2020
BTech	CHEMICAL ENGINEERING	23/06/2020
BTech	COMPUTER SCIENCE AND ENGINEERING	23/06/2020
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	23/06/2020
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	23/06/2020
BTech	MECAHNICAL ENGINEERING	23/06/2020

BTech	CIVIL ENGINEERING	23/06/2020
BTech	PHARMACEUTICALENGINEERING	23/06/2020
Mtech	CHEMICAL ENGINEERING	23/06/2020
Mtech	COMPUTER SCIENCE ANDENGINEERING	23/06/2020
Mtech	SOFTWARE ENGINEERING	23/06/2020
Mtech	EMBEDDED SYSTEMS	23/06/2020
Mtech	VLSI DESIGN	23/06/2020
Mtech	ELECTRICAL POWER SYSTEMS	23/06/2020
Mtech	POWER ENGINEERING ANDENERGY SYSTEMS	23/06/2020
Mtech	ENGINEERING DESIGN	23/06/2020
MBA	MBA	23/06/2020
BTech	INFORMATION TECHNOLOGY	23/06/2020

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Artificial Intelligence : Knowledge Representation And Reasoning	01/07/2020	Nill
Artificial Intelligence : Knowledge Representation And Reasoning	01/07/2020	1
Cloud computing	01/07/2020	3
CMOS Digital VLSI Design	01/07/2020	1
Cryptography and Network Security	01/07/2020	3
Data Mining	01/07/2020	1
Design and analysis of algorithms	01/07/2020	3
Design Thinking - A Primer	01/07/2020	1
Digital Electronic Circuits	01/07/2020	1
Discrete Time Signal Processing	01/07/2020	2
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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	Internship at RMX Plant,Jeedimetla	1
BTech	Internship on KaleshwaramProject of package No. 20,21& 21 (A)	1
BTech	Internship at R & BKondapur	2
BTech	Internship at HERE Technologies	30
BTech	ADP	5
BTech	Amazon	1
BTech	Amazon Campus Mentorship Series (ACMS) Programme Analyst	3
BTech	Amazon Campus Mentorship Series (ACMS) Support Engineer	1
BTech	Bytes India	1
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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

The suggestions from stakeholders mainly focus on keeping pace with ever-changing technology. IQAC planned an initiative for add-on/bridge courses. Alumni interaction at the department level across different events such as expert lectures, discussing industry job scenarios with current batches, organizing mock interviews etc are the benefits. Parent's feedback analysis suggests improving onto Industry exposure aspect. IQAC decided to address the issue by signing more MoUs with the adjoining industries and cater to the need of students. Some programs about Universal human values to be imbibed in the students are initiated under the student development cell. Students are encouraged to ask in case of difficulty in subjects so that it can be rectified

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
Mtech	Electrical Power Systems	18	18	10

BTech	Information Technology	120	150	120
BTech	Chemical Engineering	60	60	56
BTech	Electronics and Communication Engineering	240	290	239
BTech	Electrical and Electronics Engineering	120	150	112
BTech	Civil Engineering	120	130	102
BTech	Mechanical Engineering	120	155	103
BTech	Computer Science and Engineering	300	355	300
BTech	Biomedical Engineering	30	30	13
BTech	Pharmaceutical Engineering	60	25	17
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1062	145	275	40	10

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
No Data Entered/Not Applicable !!!					
[View File of ICT Tools and resources](#)					
[View File of E-resources and techniques used](#)					

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

The college adopts a mentor/ tutor system to look after the learning capabilities of students Individually. • For 20 students, one faculty is assigned as a mentor. • Mentor continuously tracks the mentee attendance details and academic performance. • Mentor will assist the mentee in selecting open electives, professional electives, and career guidance. • Mentor will track the mentees sports activities, extracurricular, and co-curricular activities.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5195	325	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
264	325	Nill	12	3

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr. K Rayudu	Professor	Best Faculty Award-Adarsha Aacharya Puraskar by indian Servers in association with Lions International Telangana
2020	Mr. P. Chandra Babu	Assistant Professor	Best Faculty Award-Adarsha Aacharya Puraskar by indian Servers in association with Lions International Telangana
2020	Dr. M Sandeep Kumar	Associate Professor	Received Best paper award at "International conference on Applied Mechanical Engineering Research ICAMER 2019" held at Department of Mechanical Engineering, National Institute of Technology, Warangal.
2020	Dr. K.V.N. Srinivasa Rao	Professor	Editorial Board Member of Open Journal of Yangtze Oil and Gas a peer reviewed international journal dedicated to analyze the latest development on oil and gas

			(Scientific Research Publishing, China) Visit:https://www.scirp.org/journal/DetailedInforOf
2020	Dr. K.V.N. Srinivasa Rao	Professor	Editorial Board Member of Journal of Solar Energy Research Updates a peer reviewed scientific journal encompassing experimental, theoretical and applied research results with respect to field of solar energy (ZealPress, United Kingdom) Visit : https:
2020	Dr. Apurva Kumari	Associate Professor	Received Young Scientist Award, 5th International Scientist Awards on Engineering, Science and Medicine, 11 12-Apr-2020, Hyderabad, India
2020	R. Anirudh Reddy	Assistant Professor	Received Certificate of Appreciation from Sankalp Semiconductors (HCL) as a Project Mentor won first prize in Sankalp Hackathon 2019-20 entitled "CROPILLAR".
2020	R.Anirudh Reddy	Assistant Professor	Won 50K for the project entitled "Phasal Praptisudhar" was top-10 finalists of Startup India Telangana Yatra-2018, an initiative taken to encourage Entrepreneurship and innovation
2020	Ramesh Deshpande	Associate Professor	Recognised as NPTEL Discipline

| 2020 | Ramesh Deshpande | Associate Professor | Recognised as NPTEL Motivated learners, 2020 |

star, July - Oct 2019

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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
MBA	PG	II-I	07/12/2019	21/12/2019
Mtech	PG	II-II	07/12/2019	29/01/2020
Mtech	PG	II-I	10/01/2020	21/12/2019
BTech	UG	IV- I	07/12/2019	21/12/2019
BTech	UG	II-I	07/12/2019	21/12/2019
BTech	UG	III- I	07/12/2019	21/12/2019
Mtech	PG	I – I	10/01/2020	21/12/2019
Mtech	PG	I – II	07/12/2019	29/01/2020
MBA	PG	I – I	13/01/2020	21/12/2019
MBA	PG	I – II	23/09/2020	29/01/2020

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nill	5195	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
58	Mtech	COMPUTER SCIENCE AND ENGINEERING	18	11	61.11
03	BTech	MECHANICAL ENGINEERING	141	117	82.98
04	BTech		288	264	91.67

		ELECTRONICS AND COMUNICATION ENGINEERING			
05	BTech	COMPUTER SCIENCE AND ENGINEERING	331	281	84.89
11	BTech	BIOMEDICAL ENGINEERING	28	24	85.71
08	BTech	CHEMICAL ENGINEERIN	62	47	75.81
12	BTech	INFORMATION TECHNOLOGY	122	102	83.61
02	BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	144	130	90.28
01	BTech	CIVIL ENGINEERING	144	118	81.94
28	Mtech	SOFTWARE ENGINEERIN	6	5	83.33
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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)

https://bvrit.edu.in/main.aspx#

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 Sridevi
[View File](#)

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	Nil	Nil	Nill	Nil
International	Nil	Nil	Nill	Nil
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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	730	AICTE-MODROBS-RURAL	1413534	Nill
Major Projects	1095	SERB	4489610	566380
Major Projects	1095	SEED/TIDE	6476305	Nill
Major Projects	730	DST-SEED_WTP	9300000	800000
Major Projects	1095	TIDE	6520731	Nill
Major Projects	1095	SERB	4974100	385000
Major Projects	1095	TEQIP	300000	300000
Major Projects	365	TEQIP-III	250000	200000
Major Projects	1825	DST/FIST	50000000	Nill
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0.043

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
"Neurotechnology and Neurorehabilitation" In Association with Biomedical Engineering Society of India	BME	29/01/2020
"Biomedical Engineering: How Engineers work in the Healthcare Sector", In Association with Biomedical Engineering Society of India	BME	25/02/2020
Webinar on My Path to the world of MR Imaging	BME	15/06/2020
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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
Pursuing Research in de-weathering the image and videos	Dr.ApurvaKumari	5Th International Scientist awards on Engineering , Science and Medicine	11/04/2020	Engineering Sciences
MEDITECH 2K20	K. Manasa	Dept., University college of Engg. (A), O. U, Hyderabad	13/03/2020	Paper Presentation
Anveshana 2020 Science Engineering Fair	P. LochanSrikar	Science Engineering Fair Hyderabad.	24/02/2020	3st Prize in Anveshana 2020
GE Precision Health Challenge 2020	K. Manasa	GE Healthcare Digital technology Campus, Bangalore	27/01/2020	1st Prize in Innovation
"Smart India Hackathon, 2019"	B. Roshini and G. Nitish Kumar	COMRADES S R Engineering College, Warangal	08/07/2020	Grand Finale
Synerge-Hack'e'lth 2019	G. Nitish Kumar	GE Healthcare Digital technology Campus, Bangalore	19/09/2020	1st Prize in Innovation Challenge
Anveshana 2020 Science Engineering Fair	K. Manasa	Science Engineering Fair Hyderabad.	24/02/2020	1st Prize in Anveshana 2020
Challenge PRERANA 2020	G. Sai Omkaar	GITAM (Deemed to be University), Bengaluru	06/03/2020	First Prize in Innovation
Atal Ranking of Institution on Innovation Achievement (ARIIA)	"Band A" institution (rank between 06-25)	MHRD	18/08/2020	Private or Self-Financed College/Institutes
Conference of Elite Academicians of IIDC	R. Anirudh Reddy	Texas Instruments, DST, AICTE and IIM-Bangalore	31/08/2020	Engineering
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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

Nil	Nill	Nill	Nill	Nill	Nill

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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
BME	Nill
BSH	2
ECE	2
IT	4
MBA	1
MBA	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)
National	BSH	17	0.27
International	BME	6	6.49
International	BSH	6	2.4
International	CHE	4	2.7
International	CSE	23	1.5
International	ECE	18	4.86
International	IT	13	1.2
International	ME	10	0.6
International	EEE	17	2.1

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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
ME	9
IT	2
Che	1
BSH	24
BME	5
Civil	2
CSE	2
ECE	2
MBA	1

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
An efficient	Published	202041000000	06/03/2020

horizontal to and fro system for paraplegic patient based on electrical simulation			
Automatic touch less mist spray sanitizer dispenser	Published	202041000000	03/07/2020
Weighted Coupling Support (WCS): A Metric to Predict the Fault Proneness of Object-Oriented Application	Published	201941042760 A	29/11/2019
System and Computer Implemented Methods for Analysing Features to Generate Sleep Disorder Insights	Published	201941045922 A	29/11/2019
Search based Binary Classification for Web Attacks Detection	Published	201941042764 A	29/11/2019
Method of Secure online voting using middleware security" -From Intellectual property of India patents, Govt. of India	Published	201941027226	31/08/2019
IVSV-System: Interacting With V-ATM Screens Using Voice System	Published	201941023634	28/06/2019
Wheelchair Driven Controlled by PV Array	Published	201941002552A	01/02/2019
Dynamically Understanding 3D Visual Scenes Using Deep Learning	Published	202041002488 A	31/01/2020
IML-Traffic prediction-Intelligent traffic prediction using Machine Learning	Published	202041027655	31/07/2020
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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
An efficient packet image transmission based on texture content for border side security using sensor networks,	Pitchai R et.al	Int. J. Computer Aided Engineering and Technology,	2019	Nill	B V Raju Institute of Technology	Nill
Prediction of availability and integrity of cloud data using soft computing technique	R.Pitchai S.Babu P.Supraja S.Anjanayya	Soft Computing	2019	Nill	B V Raju Institute of Technology	6
Stablization of Exapansive Soil with Red Mud Soil	Dr. G. Sridevi	Contact Pressure Distribution in Geocell Reinforced Rural Roads.In:Sundaram R.,Shahu J.,Havanagi V (eds) Geotechnics for Transportation Infrastructure.Lecture Notes in Civil Engineering,vol 29. Springer, Singapore. https://doi.org/10.1007/978-981-13	2019	Nill	B V Raju Institute of Technology Narsapur	1
A compar	T	i-	2019	Nill	B V Raju	Nill

Title	Authors	Journal	Year		Institution	
ative study on the strength of concrete behaviour with M-sand and river sand for different grading of coarse aggregate for rigid pavements	Vjayagouri B Manjunatha B sangamesh	manager journal on future technology			Institute of Technology	
Evaluation of Seperation gap between Multistorey buildings subjected to Dynamic Seismic load	Dr. G Sridevi and Mr.UmeshBiradar and Mr. A Shivaraj and Mr. G Sudarshan	Advances in Structural Engineering and Rehabilitation	2019	Nill	B V Raju Institute of Technology	Nill
Reliable Transmission Protocol for GSM and GHTTP based owireless patient monitoring	Mr.Ashok Shigli and Mala Lavanya	International Journal of Advance Engineering and research Development	2019	Nill	B V Raju Institute of Technology	1
Comparative Study On Dynamic Behavior Of RC Building With Conventional And Flat Slab	Dr. G Sridevi Mr. A Shivaraj Mr. G Sudarshan Mr.UmeshBiradar	Advances in Structural Engineering and Rehabilitation	2019	Nill	B V Raju Institute of Technology	Nill
Strength Behaviour Of Green Concrete By Using Fly Ash Robo Sand	Ambati Supraja	Compliance Engineering Journal	2019	Nill	B V Raju Institute of Technology	Nill

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
Contact Pressure Distribution in Geocell Reinforced Rural Road	Dr. R. Vijay Kumar	Contact Pressure Distribution in Geocell Reinforced Rural Roads. In: Sundaram R., Shahu J., Havanagi V. (eds) Geotechnics for Transportation Infrastructure. Lecture Notes in Civil Engineering, vol 29. Springer, Singapore. https://doi.org/10.1007/978-	2019	Nill	B V Raju Institute of Technology	1
Heart Disease Prediction System Using Decision Tree and Naive Bayes Algorithm	Maheswari S Pitchai R	Current Medical Imaging Reviews	2019	Nill	B V Raju Institute of Technology	2
			View File			

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
On The Relationship between Compressive Strength and Water Binder Ratio of High Volumes of	Mrs.T.VijayaGowri	International Journal of Applied Engineering Research (IJAER) ISSN 0973-4562	2019	3	4	B V Raju Institute of Technology

Slag Concrete						
Development Of Intensity Duration Frequency Curves For Narsapur Mandal, Telangana State, India	Dr. P. Rambabu	International Journal of Research in Engineering and Technology (IJRET)	2019	3	Nill	B V Raju Institute of Technology
Efficacy of Cement-Stabilized GBS and GGBS Cushions in Improving the Performance of Expansive Soils	Dr.G.Sridevi	Jordan Journal of Civil Engineering	2019	3	Nill	B V Raju Institute of Technology
4.Stagnation Point Flow of Williamson	Dr. T. Thirupathi Reddy	Nill	Nill	Nill	Nill	B V Raju Institute of Technology
2. Scaling group analysis of Bio Convective Micropolar fluid flow and heat transfer in a porous medium	Dr. T. Thirupathi Reddy	Thermal AnalysisCalorimetry Springer	2019	Nill	Nill	B V Raju Institute of Technology
1.Generalized Differential Quadrature Analysis of three-dimensional MHD Radiating Dissipative Casson fluid conveying tiny	Dr. T. Thirupathi Reddy	Journal of Thermal Analysis Calorimetry Springer) ,	2019	Nill	Nill	B V Raju Institute of Technology

particles						
3. Hydro thermal Analysis of MHD squeezing Mixture fluid suspended by Hybrid nanopartic les between two parallel plates	Dr. T. Thirupathi Reddy	Heat Transfer- Asian Research Wiley publishers	2019	Nill	Nill	B V Raju Institute of Technology
Nanofluid towards a Permeable Stretching / Shrinking Sheet with a Partial Slip	Nill	Case studies in thermal en gineering elsevier	Nill	Nill	Nill	B V Raju Institute of Technology
Contact Pressure D istributio n in Geocell Reinforced Rural Roads	Dr. R. VijayKumar	Bridge and Structural Engineerin g Internat ional, Indian National Group (ING) of I nternation al Associa tionfor Bridge and Structural Engineerin g (IABSE).	2019	4	Nill	B V Raju Institute of Technology
Assessment of Water Quality Index of Ground Water in Narsapur, Mandal, Telangana	Dr.G.Ven kateswarlu	Internat ional Journal for Innovative Research in Science Technology	2019	2	2	B V Raju Institute of Technology
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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	48	274	268	123
Presented papers	48	23	Nill	2
Resource persons	6	19	9	2

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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	51000
Chemical Engineering	SUN PHARMA	SUN PHARMA	383000
Dr. Suresh Dara and Dr.CH.MadhuBabu	Design and develop smart parking system based on Deep learning and IoT	Shopote Limited, H.No: 06-085, Kompally Petbasheerabad, Jeedimetla Hyderabad- 55	1100000
Dr. Suresh Dara and Mr. G. Uday Kiran	Incubation Center and Academic and Research collaboration. Incubation Centerand Academic and Research collaboration.	iNuCom, India Limited.	200974
ECE	Automatic Defects detection of Ceramic tiles	One Convergence	235100
ECE	Design Development of DPR 31.5KW Solar Energy System	Raja Rajeshwari Educational	200000
ECE	Implementation of Solar Dash Board	Avghni Renewable Energy System(India)Pvt.Ltd	250000
UTM-Unmanned Traffic Management System	24	Avianco UAV Research Center	200000
Automated Roof Gardening System	24	SMARAGDINE	450000
Implementation of Technology Training in Govt Schools	4	EduTech Innovations	150000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
B	Nill	Nill	Nill	Nill

No file uploaded.

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
Remote Internship	AskMentor	1	1
Remote Internship	Actuent	1	1
Remote Internship	Metagogy	1	8
Remote Internship	ePAM	4	12
Pre Education Program(PEP-2016 2020 Batch)	FutureSkills	10	240
AWS Educate	NASSCOM	10	240
Remote Internship	Amazon	27	240
Remote Internship	IIIT-Kanchi	2	2
Remote Internship	ACCbyte Tech. Ltd.	1	3
Remote Internship	Amazon	1	1

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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
"Smart India Hackathon, 2019"	1. B. Roshini 2. G. Nitish Kumar	COMRADES S R Engineering College, Warangal	Nill
Synerge- Hack'e'lth 2019	G. Nitish Kumar	GE Healthcare Digital technology Campus, Bangalore	Nill
GE Precision Health Challenge 2020	K. Manasa	GE Healthcare Digital technology Campus, Bangalore	Nill
Anveshana 2020 Science Engineering Fair	K. Manasa	Science Engineering Fair Hyderabad.	1
Anveshana 2020 Science Engineering Fair	P. LochanSrikar	Science Engineering Fair Hyderabad.	1
Challenge PRERANA 2020	G. Sai Omkaar	GITAM (Deemed to be University),	1

		Bengaluru	
MEDITECH 2K20	K. Manasa	Dept., University college of Engg. (A), O. U, Hyderabad	1
HACKELTH-2019, GE Healthcare	2	GE Healthcare	2
Flipkart GRiD – Te[a]ch The Machines | 2019	2	Flipkart	2
Research paper contest	Cash Prize(BEST PAPER)	SHAR (Satish Dhawan Space Centre)Birth Centenary celebrations at SVECW, Bhimavaram	1
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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
A National Level Event on IoT Based Solution for Indian Ecosystem	SANKALP SEMICONDUCTORS	SANKALP HACKATHON	1	2
BVRIT Model United Nations conference	BVRIT	Representing a country	1	2
CRIST DOC MUN 2019	Dept. of Commerce CRIST (Deemed to be University) Bangalore	Delegate	1	2
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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
ARM UNIVERSITY PROGRAM	Faculty & Students	100 Licenses	730
PhD Quality improvement program	A.B Ramesh	College	1095
sabbatical faculty for AI Project under Leadingindia.ai for the AI Project	AarthiPriya R	College	60

Professional certification program on Artificial Intelligence Engineering Technologies	D Sameera	College	30

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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
Academic	Internship	HERE Technologies	03/06/2020	03/08/2020	30
Academic	Internship	Internship on Kaleshwaram Project of package No. 20,21 21 (A)	24/06/2019	Nill	1
Academic	Internship	Internship at RMX Plant Jeedimetla	06/06/2019	22/06/2019	1
Academic	Internship	Internship at R B Kondapur	24/06/2019	24/06/2019	2

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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
SMARAGDINE Technologies Private Ltd., Hyderabad	18/07/2020	Training partner program to train Novel Software for security in IIoTD devices and develop projects and deployed..	22
National Cyber Safety and Security Standards, NewDelhi	18/07/2020	Exchange faculty members, carryout joint research programs, organize workshops, conferences on emerging fields of technology.	50

National Remote Sensing Centre, Hyderabad	06/12/2020	Academic	350
Aviocian, New Delhi	21/08/2020	Academic	145
RAMKY ENVIRO ENGINEERS LIMITED	30/06/2020	Enhancing Industry, Academia, Government partnerships. Inclusive development planning Knowledge, Skill, Attitude development for Students, Faculty Managers. Internships Placements for Students. Enhance avenues for CSR collaborative effort	375
Dhruva Space PVT Ltd	18/11/2020	Training and RD	10
ARM UNIVERSITY PROGRAM	10/07/2020	Training Project Work License	5
Avianco UAV Research Center., Bengaluru	18/11/2020	Fast learners are identified irrespective of their discipline in collaboration with industry they undergo trainings and develop projects and deployed	22
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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
326852000	314636156

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

Video Centre	Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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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
SOUL	Fully	2.0	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Text Books	57756	18453266	1036	439432	58792	18892698
Reference Books	11119	5587729	344	226394	11463	5814123
e-Books	3458	100300	1850	Nill	5308	100300
Journals	2054	3925294	213	573635267	2267	577560561
e-Journals	31859	6560432	9714	1348651	41573	7909083
Digital Database	8	4810734	1	1348651	9	6159385
CD & Video	2351	Nill	463	2814	2814	2814
Library Automation	1	20000	Nill	Nill	1	20000
Others(specify)	32	502234	174	1534900	206	2037134
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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
Nil	Nill	Nill	Nill

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	1989	23	0	1	1	1	1	474	0
Added	29	1	0	0	0	0	0	0	0
Total	2018	24	0	1	1	1	1	474	0

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

474 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
Department of ECE Web Content URL ("ECE_BVRIT")	sites.google.com/a/bvrit.ac.in/ece_bvrit

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
30800000	30436805	53700000	53045175

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.To equip students with the skills of the future and to meet the requirements of new Teaching Learning Practices like Flipped classrooms, blended learning, game-based learning,etc BVRIT has its own unique electronic Classrooms (e-classroom) with all the tools of ICT (Information and Communication Technology) integrated into its Learning Halls.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	202	8369650
Financial Support from Other Sources			
a) National	National	2576	169738000
b)International	0	Nill	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
Journey towards future skills and Importance	18/09/2020	250	CSI
Soft Skill Development	07/07/2019	109	Face
DAANUTSAV-2019	02/10/2019	100	Enlightening lives_BVRIT
Praveens CANCER Battle-DONATION	08/08/2020	30	Enlightening lives_BVRIT
Enlightening lives - vruksha sampada	02/07/2020	30	Enlightening lives_BVRIT
BGDC-Blood Group Detection Camp	24/09/2020	8	Enlightening lives_BVRIT
Donation for Divya Disha	02/02/2020	30	Enlightening lives_BVRIT
Soft Skill Development	03/03/2020	180	Elephos
Soft Skill Development	08/08/2019	235	Talentio
MOOCs program	13/12/2019	60	Task

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	Campus Recruitment Training CRT by Elephos	Nill	229	Nill	182
2019	PEGA for CSA,CSSA by Talent Sprint	Nill	39	Nill	39
2019	APT Training-Phase-1,2	Nill	1	Nill	1
2019	GSAC(Graduate Study in Abroad Center)	35	110	Nill	Nill
2019	TCS Codevita	10	10	10	6

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
Nill	Nill	Nill

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
Cadeploy	120	24	Aditya Hospital	3	1

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
2019	1	BTECH	CIVIL	IIT Guwathi	MA (Development

2019	3	BTECH	Chemical Enginerring	OU	M.Tech - Chemical Engineering
2019	2	BTECH	Chemical Enginerring	JNTU	M.Tech - Chemical Engineering
2019	4	BTECH	Chemical Enginerring	BVRIT	M.Tech - Chemical Engineering
2019	1	BTECH	CIVIL	Manipal University, Karnataka	M.tech (Structural 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	9
GRE	40
TOFEL	3
Any Other	12
CAT	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
Football	1	6
Basketball	2	3
Volleyball	2	1
Throw Ball	2	4
Basketball	2	3
Throwball	2	1

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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	1	National	1	Nill	18215A0501	S.Abishek Dutt
2019	2	National	1	Nill	17211A0571	G Srija Reddy
2019	1	National	1	Nill	15211A05Q9	S.Shyam kumar

2019	1	National	1	Nill	18215A0501	S Abishek Dutt
2019	2	National	1	Nill	17211A0571	G Srija Reddy
2019	1	National	1	Nill	16211A05N6	Shaik Mohammed Khalid
2019	2	National	1	Nill	16211A0529	A.Bindu Reddy
2019	2	National	1	Nill	16211A0553	G.Saadhika
Nill	1	International	4	Nill	16211A0139	G. Suma

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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)

Achievements of our college are, students are organized and attended various technical and non-technical events. However, the students organize sports and cultural activities in a big way apart from the events. Sports play an important role in the development of the integrated personality of the students. With this view, the Sports Council of the college has been organizing various Inter College Tournaments Since 1998. Social activities are also organized to like DAANUSTAV, Blood Camps to help the needy people. Technically students are strong by appearing career development exams like Elephos, PEGA, Talent Sprint, MOOC'S, GSAC(Graduate Study in Abroad Center), Cocubes, Codevita, TCSNQT, etc. Regarding sports, many students played and placed the district, state, and national levels. Navya awarded the district level in JUDO. DonthireddySrihitha has participated in the college world throwball Malaysia independent championship. G. Suma participated in the World Throwball Federation, Asian Throwball Federation, and MalaysiaThrowball Federation. Students received online certificates in current trends in industry and NPTEL courses. Yogesh, K. Naveen Reddy, S. Venkateshwarlu won first place in Intra-State Athletics 400 Mt Relay. Many received Gold and silver in NPTEL courses. Students presented their technical papers in inter and other colleges and received awards. K Ranganadh Team from ATL received an award in GE Precision Challenge- HACKATHON 2020 Bangalore.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association was established on 24th March 2008 with the 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:

800

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

As part of the Annual Alumni Meet, the VReconnect-2019 Alumni meet of BVRIT was held on 28th December 2019 (Saturday) at B.V.Raju Auditorium. The alumni meet is conducted every year in order to reconnect with the Alumni and celebrate their success and various achievements. Around 250 Alumni attended the meet and gave their valuable feedback and suggestions for the betterment of Institute and Alumni Association. Approximately 50 faculties and staff members were also present for the meeting.

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)

- Institution focuses on decentralization by intending equal opportunity and equal role to participate is the functioning of the Institution.Management comprises of Governing Body, college governing council, other committees and each committee has been provided with specific functions which cater to the needs of institution for the ongoing progress and development of the Institution. Governing Body takes care of infrastructure facilities which fulfil the quality and the required needs of the higher education bodies to reach the set goals of the Institution. • It also extends all the amenities for the teaching and non-teaching faculty and students. College Governing Body takes care of financial management and the implementation of facilities for the institution to upgrade the standard of amenities which supports effectively the teaching learning and research aspects. It guides and articulates the available resources and provides freehand to the head of the Institution to carry out the activities in order to reach the expected maximum standard in turn to motivate the teaching and non-teaching faculty to work according to the goal set. • The Principal, Heads of the departments, teaching and non-teaching faculty along with student union members, class student representatives together concentrate on fostering the progress of institution by sharing the responsibilities and participate growth of institution and to act according to the aims and objectives of the Institution. • HoD has financial powers up to Rs.50,000/- and also maintains Imprest amount of Rs.15,000/-.Principal is administrative Head of the Institution and has financial powers up to Rs.2,00,000/-. • For other curricular and extra-curricular activities, the Departments and HoDs will put up proposals forfinancial 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
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. ICET) conducted by the State Government and counselling

	procedure as per the norms of state government.
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 non-teaching 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 non-teaching staff by identifyingtraining needs, for enhancing professional competencies, teaching and soft skills. • The Institute frequently arranges training Programs and also deputes the staff to other organizations for attending such Programs for acquiring balanced skills (technical skills, teaching skills, soft skills).
Research and Development	? 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 non-Government, 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 Wi-Fi internet facilities for the fast access of online resources. • The institute encourages the research scholars by providing on-duty leave to succeed in their research. • The institute motivates the faculty members to attend research oriented seminars/workshops/conferences, etc., by providing special on-duty leave. • Encouraging faculty members to pursue Ph.Dprogrammes 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 e-journals for research reference.
	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. • Faculty Development program (FDP), Student Centric Method as well as Innovative Teaching methodologies are used to develops overall strength of student as well as staff. • Under the guidance of IQAC, each department is promoting the quality enhancement activities in academics through arranging Workshop, Conference and Seminar on different subject. • The internal and continuous assessment is done as per guidelines issues by the Institute. • Academic planning and management committee develops, designs academic calendar every year. 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 teacher-student relationship and to back-up 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 2019-20, 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 Wi-

	Fi facility to utilize the online resources • Resourceful Library facility for referring books, journals, etc.,
Curriculum Development	Institute takes up curriculum development once in two or three years to update and incorporate new courses. This helps students to get exposed to latest technologies. For this process, all internal senior faculty form a team to examine the curriculum of leading institutions like IITs, interact with alumni, industry experts and develop a draft curriculum and academic regulations. All these proposals are placed before respective Board of Studies. The recommendations of Board of Studies are in turn placed before Academic Council of the college. Academic regulations and curriculum based on Choice Based Credit System was introduced in 2015-16 called R15 regulations. • As per the needs of the students and job prospect value added and Add on courses are conducted. • The committee also ensures well planned educational development under IQAC promotion for Co-curricular and various academic initiatives. • IQAC ensures the overall college development for curriculum implementation. The management has active and lead role for implementation of feedback as well as proper action is taken after feedback analysis. The online as well as manual feedbacks are taken from students and parents.
Examination and Evaluation	? 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 MID-I, MID-II 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
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, J-GATE, 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 ICT-enabled 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.
Industry Interaction / Collaboration	Industry interaction has provided opportunity for the students to undergo inplant training, industrial visit, etc. The college establishing MoUs with reputed core industries to enhance Industry-Institute Interaction activities like industrial visits, in-hand trainings, value added courses, guest lecturers etc., for the professional development of students and faculties. Workshops, trainings, off-campus 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 Industry-Academia 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	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. ICET) 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
Administration	• The college has Biometric attendance for teaching and non-teaching staff. • The college campus is equipped with CCTV Cameras installed at various places of need. • ICT has been introduced in the Administrative work. • College staff uses smartphone with inbuilt social app like Gmail to communicate. • WhatsApp Group helps to provide the brief notices of any event to be happened on college. • WhatsApp Groups are also used for awareness and of smooth functioning of the same.
Finance and Accounts	With the aim to produce immediate information in finance and Accounts i.e."Single Click Accounting" , this section of College is partially e-governed. The college uses the Vriddhisoftware ,Tally ERP 9.0 for the transparent functioning of Accounts department. The same software is used to generate various reports
Planning and Development	• To use ICT in the process of planning college-events and activities, institute uses personal e-mails.Important notices and reports are also circulated via e-mails. • E-governance is the integration of Information and Communication Technology in all the working processes of the system. It aims to minimize the manual efforts and improve the communication, create transparent system, and to be cost and time effective. To facilitate the same college is using software with Student, Examination, Finance Account,Employee,Library Modules.

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	Dr Lakshmi D	NPTEL - Python fro data Science	Nill	1100
2019	Institute Membership	BMESI Institute membership	BMESI Institute membership	15000

2019	A Shivaraj	IGC 2019	Nill	7200
2019	Dr Lakshmi D	NPTEL - Problem Solving Through C Programming	Nill	1100
2019	Dr.ApurvaKumari	IEEE INDICON 2019	Nill	7145
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Unconscious Bias in the Workplace Unconscious Bias in the Workplace Unconscious Bias in the Workplace INSPIRE IMACT INTROSPECT	Nill	05/06/2019	24/10/2019	9	Nill
2019	one-week FDP on"Internet of Things" , at BVRIT Narsapur, associated with EICT Academy NIT Warangal. A 3- days FDP on Database and Programming with SQL in association with TASK A 3-day FDP on Organization Skills in	Nill	26/08/2019	31/08/2019	40	Nill

	associatio n with TASK one						
2019	one-week FDP on"Int ernet of Things" , at BVRIT Narsapur, associated with EICT Academy NIT Warangal. A 3- days FDP on Database and Progra mming with SQL in ass ociation with TASK A 3-day FDP on Org anization Skills in associatio n with TASK one	Nill	24/09/2019	26/09/2019		10	Nill
2019	one-week FDP on"Int ernet of Things" , at BVRIT Narsapur, associated with EICT Academy NIT Warangal. A 3- days FDP on Database and Progra mming with SQL in ass ociation with TASK A 3-day FDP on Org anization Skills in associatio n with TASK one	Nill	30/09/2019	01/10/2019		10	Nill
2019	one-week FDP on"Int	Nill	11/12/2019	15/12/2019		40	Nill

| 2019 | one-week FDP on"Internet of Things" , at BVRIT Narsapur, associated with EICT Academy NIT Warangal. A 3- days FDP on Database and Programming with SQL in association with TASK A 3-day FDP on Organization Skills in association with TASK one | Nill | 26/08/2019 | 31/08/2019 | 40 | Nill |

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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	Number of teachers who attended	From Date	To date	Duration

programme				
"Get Ready for AI with MATLAB and SIMULINK"	3	18/06/2020	18/06/2020	Nill
Webinar on "Republics of letters"	1	24/06/2020	28/06/2020	Nill
FDP on "Python For Researchers"	1	29/06/2020	30/06/2020	Nill
Webinar on WEARABLE TECHNOLOGIES APPLICATIONS	1	26/06/2020	27/06/2020	Nill
.Attended FDP on "Effective Technical and Review Paper Writing".	3	23/06/2020	23/06/2020	Nill
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
28	28	10	10

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Free breakfast and tea on all workingSubsidized travel in college buses for all employees. • Professors are provided car transport facility to college from city. 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 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 semestersdays • 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

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 from different organizations	447984000	college development
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6.4.3 – Total corpus fund generated

517081399

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 H	Yes	IQAC
Administrative	Yes	JNTU H	Yes	IQAC

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

Feedback on regular basis on general facilities of the institute 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
2019	NBA Tier-I Awarness Program	12/08/2019	12/08/2019	14/08/2019	56
2019	NBA Tier-I Awarness Program on Attainment calculations	23/12/2019	23/12/2019	28/12/2019	122
2020	Workshop on Online Teaching Tools	02/01/2020	02/01/2020	04/01/2020	134
2020	Workshop on Content Generation for online classes	01/07/2020	01/07/2020	05/12/2020	252
2020	The Colloquium on Online Inerative Teaching	02/06/2020	02/06/2020	29/06/2020	204

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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	04/01/2020	05/01/2020	120	88
Women Empowerment	07/03/2020	08/03/2020	300	Nill

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
Solar Photo Voltaic (PV) Power Plant (441kWp) Harnessing the Solar has always been one of its key drivers at B V Raju Institute of Technology in its Go Green initiatives with the installation of the rooftop solar photovoltaic plant on their buildings. BVRIT would be harnessing solar power to the tune of over 441 kWp solar power. In its pursuit to become energy efficient, B.V.Raju Institute of Technology (BVRIT) of Sri Vishnu Educational Society, Narsapur, Medak Dist, Telangana formally commissioned a total of 341 kWp Solar PV Plant on 7th of July, 2018 in addition to the existing 100kWp Solar Plant. The plant consists of a total 1083 PV modules each of 315Wp supplied by RenewSys India Private Limited, Hyderabad, installed at the rooftop of Visveswaraiah Block BVRIT. The entire project is executed by EPC contractor, M/s. Avghni Renewable Energy System India Private Limited, Hyderabad. The purpose of installing the plant at BVRIT is to extend the green technology into the campus and also to overcome the energy crisis". "Alternative sources of energy have assumed considerable significance in the context of fast depleting conventional sources such as coal, oil, gas and so on. Photovoltaics (PV) are expected to occupy a progressively increasing proportion of the energy portfolio of the country". "BVRIT is having expertise in the field of Solar Energy since the year 2004 and the college is known for its green energy and energy efficiency initiatives. In addition, BVRIT is having a complete Solar PV Testing Laboratory in collaboration with Elkem Solar Norway and is also working with National and International collaborative projects. This solar plant will generate more than 6.4 lakh units every year. The average monthly power generated is approximately 52920 kWh. The plant provides substantial cost savings on the power consumption for the college and it will reduce CO2 emissions 515 tons per year".

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	Nill
Rest Rooms	Yes	10
Scribes for examination	Yes	Nill
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
2019	1	1	14/11/2019	7	Household survey	Village development plan	35

2020	1	1	28/01/2020	1	Meeting with the villagers	Gram Sabha to know the village problems	16
2020	1	1	20/04/2020	1	Distribution of rice, dhal and vegetables	Migrant labour and poor village people in Narsapur	8

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
BVRIT Manual	16/07/2020	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
Online Meeting for NSS Program officers on Training of COVID-19 Warriors organized by NSS Cell of JNTU Hyderabad	17/04/2020	17/04/2020	Nil
Organized online training for NSS Volunteers on COVID-19-Response and Containment Measures and Training of COVID-19 Warriors.	10/01/2020	20/04/2020	150
Created Awareness on Precautionary Measures Of Covid-19 in rural areas.	20/04/2020	20/04/2020	175
Attended Two-Day Online Training Program on "Preparing of Peoples Biodiversity Register" organized by Telangana State Biodiversity Board	24/04/2020	24/04/2020	250

Hyderabad with collaboration of NSS Cell of JNTU Hyderabad.			
Distribution of sanitizers, masks and Health care items to 120 migrant workers in Narsapur	29/04/2020	30/04/2020	125
NSS Volunteers come to rescue of monkeys- Distribution of 100 dozens of bananas to monkeys in the forest which is a 12 km stretch between Narsapur and Gummadidala	29/04/2020	29/04/2020	150
Distribution of Vegetables and Groceries to 100 poor people in village	30/04/2020	30/04/2020	142
Emergency Donation of Blood during lockdown period	30/04/2020	30/04/2020	135
Dr.K.Dasaradha Ramaiah, NSS Program Officers created video lecture on awareness on COVID-19.(YouTube Link)	18/04/2020	18/04/2020	110
NSS Volunteers created video to express their gratitude towards COVID-19 Frontline Warriors. .(YouTube Link)	24/04/2020	24/04/2020	120
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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

Best Practice 1: Title of the Practice:UNNAT BHARAT ABHIYAN (UBA) UNNATBHARATABHIYAN Invitation to Participate/ Contribute in Rural Development • Unnat Bharat Abhiyan (UBA), a flagship programme of the Ministry of human resource Development (MHRD), Govt. of India. • Higher educational institutions (HEIs) of the country adopt villages for their development. • Faculty and students to be involved in the village development plan in collaboration with district administration. • B V Raju Institute of Technology, Narsapuris participating in UBA and adopted the following villages for their development in collaboration with district administration. 1.Chinna Chintakunta 2. Chippalaturthi 3. Lingapur 4. Ramachandrapur 5.Reddipalle B V Raju Institute of Technology, Narsapur, UBA cell invites all faculty and students to join UBA to bring for transformational change in the villages. For participation in UBA activities, please contact the coordinator mentioned below Name: Dr.K.V.N. Srinivasa Rao (Coordinator UBA cell) Name: Dr.K. Srinivasa Rao (Co-Coordinator UBA cell) Phone: 9398137808 Phone9849187488 Email:srinivasarao.kvn@bvrit.ac.inEmail: srinivasarao.k@bvrit.ac.in UNNAT BHARAT ABHIYAN B. V. Raju Institute of Technology, Narsapur GRAMA SABHA REPORT January, 2020 (including Grama Sabha report) UBA Coordinator's Name: Dr. KVN SRINIVASA RAO Email: srinivasarao.kvn@bvrit.ac.in Phone Number: 9398137808 Sr. No. ADOPTED VILLAGES TALUKA(Block) DISTRICT 1 Chinna Chintakunta Narsapur Medak 2 Chippalathurthi 3 Lingapur 4 Ramachandrapur 5 Reddipalle Activities carried out at GramaSabha level: Number of Student/Faculty involvement: 18 students Interaction with Local government official: Sarpanch and Panchayat Secretary Brief Description (Discussion points/Impact/Action/Photographs): On the occasion of 71st Republic day celebrations were celebrated in 5 adopted villages of Narsapur mandal. The grama sabha was conducted at Lingapur with Sarpanch and Panchayat Secretary. There were nearly 25 villagers present during the Gram Sabha. Firstly, there was a description of various programs that the government is providing for the rural development, further about UBA scheme was explained in detail. Further sought their help in maintaining cleanliness and hygiene was sought. On the second day, the grama sabha was conducted in the remaining villages of chinna chinthakunta, Ramachandrapuram and Reddipalli. In Ramachandrapuram village, there were around 34 members. Followed by Chinna Chinthakunta, there were around 27 members who participated in the Grama Sabha. On the second day, i.e. 28-01-2020, the Grama Sabha was conducted in the remaining villages of chinna chinthakunta, Ramachandrapuram and Reddipalli. In Ramachandrapuram village, there were around 34 members. Followed by Chinna Chinthakunta, there were around 27 members who participated in the Grama Sabha. The following issues were discussed during the Grama Sabha: 1. Firstly, wishes were extended to all the villagers and administrative staff on the 71st Republic Day Celebrations. 2. The big problem of the village being the water facility. However, this is addressed through a bore installed and water is used for various purposes. There was a discussion about the rainfall this year. It is learned that the rainfall is below normal this year. So, village farmers depend on the bore water. It is also observed the water level in the ground is below 500 meters in the ground. This indicates a low groundwater level. 3. There is also an issue with the road which goes through the village connecting other villages. They want it to be developed such that they get improved transportation facilities. 4. Training of rural self-help groups needed to be scaled up. Although, there are few such training programs organized by RTP Women Technology Park, BVRIT making use of coconut fiber. Lingapur The village is situated 5 kms away from the town, Narsapur, and well connected to the road as it is on the way to Medak, the district headquarter. The following issues were discussed with the villagers during the Grama Sabha conducted on 28th January 2020. The following problems were discussed: 1. Many villagers pointed out the veterinary hospital for their cattle as it is away from the village. 2.

There are many problems in running the Kasturba Girls High School as it doesn't have a water facility. The earlier bore is not functioning, as a result, the children are facing the problem. 5. Another problem that villagers pointed out is the monkey menace. CHINNA CHINTHAKUNTA The meeting was started after the villagers gathered near the gram Panchayat Office. The key issues discussed during the Gram Sabha are: 1. There is a good number of youth in the village they need to be trained in some skills so as to get them employed. 2. Drainage is an issue as many of the villagers were pointing out. In this regard, we explained the Swatch Bharat Abhiyaan of the Government which is in force and we reiterated the need to keep the surroundings clean and tidy. We also suggested reducing the use of plastic waste as it is harmful to the environment. 3. Villagers have also reported that there is a big problem with monkeys who come from forests and attack their homes for food. It was advised to plant fruit-bearing trees in forest so that they don't encroach the villages for food. The District administration under the leadership of the District collector started to measure in this regard by planting many fruit-bearing saplings in the forest. 4. While in this village also there is a clean drinking water problem. When the State government's initiative to connect each and every house with water connection in the name of mission Bhageeratha, the village will subside with this problem. REPORT ON MEETING WITH DISTRICT COLLECTOR,MEDAK IN CONNECTION WITH UNNAT BHARAT ABHIYAN HELD ON 27-11-2019 The meeting started with the discussion on the overall scenario that is happening in the society The people not bothered about the social concerns, students are not found having civic sense in general, good sanitation, cleanliness and awareness of environment etc At college level itself thee is a need to sensitize about these issues. explained that in most of the villages (nearly 90) there is a drastic change in the village administration, while most of them are young people (Sarpanch and Panchayat secretaries including women). This massive change is a welcome sign and will be helpful in the change process that the district administration initiates. While discussing health, it was disclosed that an average Indian family spends around 50,000 rupees per year on health in combating various diseases small and big. Going furthermost of the village population are not having good health and anemic as they don't consume nutritious food which hampers their contribution. There is a need to encourage people to plant their own vegetable plants with nutritional value in their backyard of the house. This not only helps in saving money but also helps in getting preserving their nutritional value and can eat fresh. The thrust areas the institution should impart to students while village survey is carried on are: 1 Bring awareness about food that they are consuming and their nutritional value. 2. Awareness of environmental cleanliness and diseased thereof when not maintained properly. 3. Proper sanitation 4. Civic sense There was an emphasis on UN sustainable goals. The collector also urged to visit a village by the name Malkapur which is doing well in terms of avenue plantation, cleanliness, no alcohol etc. which is like a model village. With low cost how a village can be self-reliant, there is a village that needed to be visited Chandru Thanda (which is now converted from a hamlet to Gram Panchayat). Further, the collector sought the support of institutions by way of educating villagers on computer education in schools with career guidance sessions. Wherever there is a shortage of teachers, can have video lessons played and show the motivation videos to encourage them towards societal activities.

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

BVRIT Going Green. Assistive Technology Lab.Emerging Technology Center. Club InQuizitive. Cloud Computing CenterVishnu Innovation Labs (ECE)Vishnu Innovation Labs (Mechanical)BVRIT Knowledge CentreCity Centre @ HyderabadParticle Technology LabEntrepreneurshi Development Cell (EDC)Rural Women Technology ParkGraduate Study Abroad Center (GSAC)NASSCOM

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

8.Future Plans of Actions for Next Academic Year

 1. Suggested to revise the curriculum in the year 2020 in line with industry needs 2. Introduce new courses in Computer Science Engineering with specializations in AI ML, Data Sciences 3. Closure of M.Tech program in Software Engineering due lack of demand 4. Construction of a 10-bed Hospital building within the campus 5. Construction of separate block for Computer Science Engineering Information Technology programmes 6. Improve the quality of research paper publication and number of publication of patents 7. Introduction of gratuity scheme for all the staff members 8. Preparation of documentation in view of inspection by UGC team for extension of Autonomous Status 9. Submission of NBA- Tier-I Self Assessment Report (SAR) of all eligible UG Programmes