

B. V. RAJU INSTITUTE OF TECHNOLOGY

Vishnupur, Narsapur, Medak District, Telangana

Annual Report of Academic Year 2018-19



Venue:

**B.V.RAJU INSTITUTE OF TECHNOLOGY
Vishnupur, Narsapur, Medak District**

ACADEMIC AFFAIRS

Institutional Front:

a. Admissions & Affiliations:

The Institute offers seventeen (17) programmes approved by AICTE and JNTUH with intake status of UG, PG and MBA programs for the academic year 2018-19 is given as follows:

Program	Branch	Intake 2018-19
B.Tech.	Biomedical Engineering	30
	Chemical Engineering	60
	Computer Science and Engineering	300
	Information Technology	120
	Electronics and Communication Engg.	240
	Electrical and Electronics Engg.	120
	Mechanical Engineering	120
	Civil Engineering	120
	Pharmaceutical Engineering	60
M.Tech.	Computer Science and Engineering	18
	VLSI Design	18
	Embedded Systems	18
	Chemical Engineering	18
	Electrical Power systems	18
	Power Engineering and Energy Systems	18
	Engineering Design	18
MBA	MBA	60

UG Admissions for 2018-19:

The admission status of UG programs for the academic year 2018-19 is given as follows:

S.No.	Branch	Intake	Filled	Opening Ranks OC Category		Closing Ranks OC Category	
				Male	Female	Male	Female
1	BME	30	29	23087	46230	23603	23647
2	CHE	60	60	4904	21214	11976	21376
3	CSE	300	300	1405	6551	2901	7711
4	IT	120	120	5671	9097	6328	9550
5	ECE	240	240	2404	8158	5399	8572
6	EEE	120	120	7031	10671	9161	10844
7	MECH	120	120	3906	11968	13152	19802
8	CIVIL	120	120	10286	14441	12984	15237
9	PHE	60	34	19260	37182	19663	45864
Total:		1170	1143				

PG Admissions for 2018-19:

PG admissions are in progress and the admission process will be completed shortly.

b. Accreditations:

- **Extension of UGC autonomous status:**
UGC inspection completed successfully 2014 and Autonomous status has been given for five years i.e. 2014- 2019.
- **National Board of Accreditation (NBA):**
Self-Assessment Report (SAR) for re-accreditation of six courses in B.Tech programmes (CSE, IT, ECE, EEE, CHE and MEC) has been submitted already and the NBA team visit is awaited.
- **National Assessment and Accreditation Council (NAAC):**
BVRIT has been accredited by NAAC with A grade (3.29) in 2017 and is valid up to 2022. Annual Quality Assessment Report (AQAR) for the year 2017-18 has been submitted.

c. Recognitions:

- **Unnat Bharath Abhiyan (UBA):**

BVRIT has collaborated with MHRD for bringing the transformational changes in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. BVRIT has adopted 5 villages named Ramachandrapuram, Chinna Chinthakunta, Reddipalle, Chippalthurthi and Lingapur under UBA and conducted more than 1000 household surveys.

d. MOUs:

BVRIT has executed MOUs with the following organizations during 2018-19:

- MoU with Air Ok Technologies Pvt. Ltd - Academic and research collaboration
- MoU with Ferventz Technologies - Training, Internships & Placements for skill development and higher employability opportunity.
- MoU with Synopsis - Software maintenance
- MoU with Blue Prism Academia - Blue Prism Training, Placement & Hackathon for skill development and higher employability opportunity.

e. R-18 Regulations & Curriculum:

Few salient features of R18 B.Tech Academic Regulations and Curriculum:

- Based on AICTE model curriculum with 160 Credits
- Flexibility in choosing Professional Electives (Either specialization wise or general) increased to 6 Professional electives - PEs are redesigned by to cater to the growing needs of industry and to minimize industry academia gap
- Open Elective courses are introduced to cater to the multi-disciplinary expertise
- Major project is divided into two phases starting from 4-1 only. Minor project is introduced in 2-2 – To enhance project based learning and improve research skills.
- Technical Term Paper is introduced - Students will be trained on various stages of research activity including literature survey and report/paper writing.

f. VEDIC - A step towards educational excellence:

As a collaborative platform it supports SVES institutions through teaching, research and technical development programs for faculty & staff, and holistic and technical competencies programs for students.

Student Development Initiatives (Few Listed):

- **Career Aspirations Series:** 1-Day Program for I Year students on Mindset change to college life and Communication Skills
- **Intellectual Learning Series:** 4-Day programs for III Year Students on Career Preparation and Life Skills
- **Self Management Skills (SMS)** - A student program to create a sense of positive enthusiasm and a total of 34 sessions conducted for 2031 students during the pandemic.

Faculty Skill Development Initiatives (Few Listed):

- **Maximizing Academic Research Effectiveness and Integration with Teaching**
- **Biomimicry**
- **Course Design**
- **Inspire-Impact-Introspect Level-1**
- **Inspire-Impact-Introspect Level-2**
- **Leadership in Teaching & Learning**
- **Project-Enhanced Learning for Engineering Programmes**
- **Think Technology Transform (TTT)**
- **Video material creation**

Students Front:

Examination Results:

2014-2018 batch (final result):

Branch	Registered	Passed	Failed	Pass %
BME	21	21	0	100
CHE	56	47	9	83.92
CSE	207	191	16	92.27
IT	113	105	8	92.92
ECE	211	195	16	92.41
EEE	130	116	14	89.23
MECH	143	137	6	95.80
CIVIL	136	132	4	97.05
PHE	NA	NA	NA	NA

a. Placements

Placements Status – Company wise as shown in Annexure

Placements A.Y. 2018-2019:

- A total of 160 companies conducted the recruitment processes for the students of BVRIT and a total of 801 students secured the job offers.

b. Students Achievements

- Bentley Student Design Challenge 2019 ; OpenRoads Designer ; N. Varun, - 1 st Prize Rs. 40,000, Y Dikshitha, B.Manasa – Award
- Special Recognition for Innovative Projects ; Reality Modeling for Infrastructure with Context Capture ; E. Lalithya & G. Shravani
- Representation Team SENIOR NATIONAL, cuttack University, Odisha.2018-2019 FOOT BALL B. MEGHANA (CIVIL) 4th year
- Representation Team 41st THROWBALL, SENIOR NATIONALS, Mohali, Chandhigarh, 2018-19 THROWBALL A. BINDUREDDY (CSE) 3
- Representation Team 41st THROWBALL, SENIOR NATIONALS, Mohali, Chandhigarh, 2018-19 THROWBALL G. SAADHIKA (CSE) 3
- Representation Team 41st THROWBALL, SENIOR NATIONALS, Mohali, Chandhigarh, 2018-19 THROWBALL D. SRIHITHA (EEE) 3
- 3RD PLACE Team 29th NATIONAL FEDERATION CUP, JIND, HARYANA THROWBALL A.BINDUREDDY(CSE)
- 3RD PLACE Team 29th NATIONAL FEDERATION CUP, JIND, HARYANA THROWBALL D.SRIHITHA(EEE)
- 3rd PLACE Team 29th NATIONAL FEDERATION CUP, JIND, HARYANA THROWBALL KAAVYA HOGLE(BME)
- 3rd PLACE Team 29th NATIONAL FEDERATION CUP, JIND, HARYANA THROWBALL K.SAKSHI(ECE)
- 3RD PLACE Team 29th NATIONAL FEDERATION CUP, JIND, HARYANA THROWBALL MS.KEERTHI(ECE)
- 3RD PLACE Team 29th NATIONAL FEDERATION CUP, JIND, HARYANA THROWBALL G.SRIJA(CSE)

c. Induction program for first year UG students:

Induction and Orientation has been conducted on 23-07-2018 for the academic year 2018-19

Faculty Front:

a. Faculty Recruitment and Retention:

Recruitment is a continuous process in our Institution as emphasized by the honorable members of the governing body in the previous governing body meetings.

- Based on the requirement, the advertisement for recruitment is given in national level newspapers, placed on the website and applications are called for recruitment of faculty. Interviews are conducted at the

institutional level. The selection committee headed by Vice Chairman,

Principal, HOD, and Subject experts as members. The selected faculty will be recruited and will be sent for ratification at JNTUH.

- For Ph.D. holders, with higher level of achievement, an open invitation is placed on the website. The competent Ph.D. holders are recruited round the year.

Faculty position as on A.Y 2018-19:

Total no. of Teaching Faculty members	No. of faculty members with Ph.D	No. of faculty members pursuing Ph.D	Total no. of Non-Teaching Faculty members
321	80	20	85

New faculty recruited / relieved during 2018-19

Total no. of Teaching faculty recruited	No. of Teaching faculty relieved	Total no. of Teaching faculty as on date	Total no. of Non-Teaching Staff recruited	Total no. of Non-Teaching staff relieved	Total no. of Non-Teaching Staff as on Date
42	30	321	5	2	85

List of faculty obtained Ph.Ds. from 01.06.2018 - till A.Y 2018-19

S.No.	Dept.	Name of the faculty	University	Year
01	CSE	Dr. Ch. Madhu Babu	Acharya Nagarjuna University	2018-19
02	ECE	Dr. T. Vasu Deva Reddy	Rayalaseema University	2018-19
03	EEE	Dr K. Rayudu	JNTU HYDERABAD	2018-19

b. Faculty Achievements:

Details of Journal papers, Conference papers, FDPs, Seminars, workshops, guest lecturers & invited lectures organized at our college and participated outside - Department wise- during 2018-19:

- Number of journal publications – 40
- Number of conference papers – 15
- No.of W/s, Seminars, FDPS, webinars attended – 281
- No.of W/s, Seminars, FDPS, webinars conducted – 17

RESEARCH & DEVELOPMENT ACTIVITIES:

Journal Publications (SCI/Scopus) and books / book chapters

Total Number of book chapters : 29

Faculty Development Programmes Conducted during 2018-19

S. No.	Program/Workshop
1.	workshop on Freshmen Conclave
2.	Workshop on Construction Management
3.	Workshop on-Course Design
4.	Workshop on Think Technology Transformation
5.	Workshop on-Excel
6.	Workshop On-Leadership in Teaching & Learning
7.	Workshop On-Leadership in Teaching & Learning
8.	Workshop On-Inspire-Impact-Introspect Level-1 Batch 11
9.	Workshop on Video material creation
10.	Workshop On-Course Design
11.	Workshop on Video material creation
12.	Workshop On-Inspire-Impact-Introspect Level-1 Batch 12
13.	workshop on “Project-Enhanced Active Learning”
14.	workshop on Maximizing Academic Research Effectiveness and Integration with Teaching
15.	Workshop on Video material creation
16.	Workshop On-Inspire-Impact-Introspect Level-2

17.	Workshop on Biomimicry
18.	Workshop on-Think Technology Transform Day 1
19.	Workshop On-Student Learning in Instructional Design (SLIDE)
20.	Workshop On-Unconconscious Bias in the Workplace (UBW)
21.	Workshop On-Inspire-Impact-Introspect Workshop Level-1 Batch 13
22.	Workshop On-Student Learning in Instructional Design (SLIDE)
23.	Workshop On-Unconconscious Bias in the Workplace (UBW)
24.	Workshp on e-Lab practices
25.	Workshop On-Student Learning in Instructional Design (SLIDE)
26.	Workshop On-Unconconscious Bias in the Workplace (UBW)
27.	Workshop On-Teaching Squares
28.	Workshop on Python
29.	Training on Programming Autonomous robots
30.	Workshop on Embedded System Design
31.	FDP on SDSOC
32.	workshop on EMERGING TRENDS IN MANUFACTURING AND TESTING OF COMPOSITE MATERIALS
33.	one-week AICTE-ISTE sponsored refresh course on “Programming Data Structures and Algorithms implementation using Python” at BVRIT Narsapur
34.	FDP on Computational Research Techniques in MATLAB
35.	FDP on Modern Technologies on Solid and sewage Treatment
36.	workshop on FOSS- "An effective learning using SUSHI linux"
37.	Orientation program on Applications of Software in Civil Engineering
38.	Training program on Structural design by STDD
39.	Software training on MX road
40.	Software raining on VISSIM

Sponsored Projects and consultancy activities during 2018-19

Ongoing Sponsored Projects

2018-19			
S. No	Project title	Name of the faculty	Department
1	Advanced Microwave Engineering Laboratories	Dr.B.R.Sanjeeva Reddy	ELECTRONICS AND COMMUNICATION ENGINEERING
2	Design and Development of On-board NaadiParikshan Autonomous Healthcare Monitoring System Using Wireless Sensor Networks	Dr.Sanjay Dubey	ELECTRONICS AND COMMUNICATION ENGINEERING
3	A Companion type assistive system for Elderly People using VLSI based Service Robot	Dr.M C Chinnaiah	ELECTRONICS AND COMMUNICATION ENGINEERING
4	Rural Women Technology Park at Vishnupur Village, Narsapur Mandal, Medak Dist, Telangana State	Dr.Laxminarsaiah	BASIC SCIENCES AND HUMANITIES
5	Design and development of an Embedded Assistive yoga system	Dr.M C Chinnaiah	ELECTRONICS AND COMMUNICATION ENGINEERING
6	Cluster method for improving vegable farming practices for enhanced vegetable production for sustainable livilihoods among Rural women in selected Mandals of Medak District, AP	Dr.B.Venkada Swamy	BASIC SCIENCES AND HUMANITIES

Sl. no.	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in lakhs)	Duration of the project
1	Dr.B.R.Sanjeeva Reddy, Dr.I.A.Pasha	AICE	Government	Electronics & Communication Engineering	2018-19	13.896	2 Years
2	Dr.Sanjay Dubey, Dr. I.A.Pasha Dr.M.C.Chinnai ah	DST	Government	Electronics & Communication Engineering	2018-19	48.846	3 Years

3	Dr.M C Chinnaiah	DST	Government	Electronics & Communication Engineering	2018-19	6.85	3 Yea rs
4	Dr.Laxminarsa iah,Dr.G.B. Radhika, Dr.T. Chandrabai, J.Bangarraju, Dr.B. Venkata Swamy, J. Venkata Ramana	DST	Government	Basic Sciences and Humanities, Chemical, MBA, Electrical & Electronics Engineering, Basic Sciences and Humanities, Basic Sciences and Humanities	2018-19	20	3 year s
5	Dr.M C Chinnaiah, Dr.Sanjay Dubey Dr.I.A.Pasha	DST	Government	Electronics & Communication Engineering	2018-19	5.25	3 year s
6	Dr.B.Venkada Swamy, : Dr.E. Laxmi Narsaiah, Mr. M. Ram Reddy	DST	Government	Basic Sciences and Humanities	2018-19	8	3 Yea rs
7	Dr.Vijay Kumar, Dr V Murali Krishna , Dr N Bhoopal, Mr N Ramchander	DST	Government	Civil Engineering, Mechanical Engineering, Electrical & Electronics Engineering, Electrical & Electronics Engineering	2017-18	42.506	3 Yea rs
8	Dr.M C Chinnaiah	DST	Government	Electronics & Communication Engineering	2017-18	6.85	3 Yea rs

9	Dr.Laxminarsaiah,Dr.G.B. Radhika, Dr.T. Chandrabai, J.Bangarraju, Dr.B. Venkata Swamy, J. Venkata Ramana	DST	Government	Basic Sciences and Humanities, Chemical, MBA, Electrical & Electronics Engineering, Basic Sciences and Humanities, Basic Sciences and Humanities	2017-18	53.86	3 years
10	Dr.B.Venkada Swamy, : Dr.E. Laxmi Narsaiah, Mr. M. Ram Reddy	DST	Government	Basic Sciences and Humanities	2017-18	20.61	2 Years

STTP (Short Term Training Programs) fund received from AICTE during 2018-19

1	34-65 / 57/RIFD/FDP/Policy-1/2017-2018 Dated 10-05-2019	FDP	AICTE	Application of CFD in Process Industries	DR G B Radhika Dr. B V S Praveen Dr G Srinivas	6 months	2019	2019	4,25,00/ -
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Ongoing Consultancy Projects						
S.No	Project Title	Principal Investigator	Department	Consultancy Client	Budget Sanctioned (Rs in Lakhs)	Project Duration
1	Feasibility study	Dr. M.Mallaiah	Chemical	Sun Pharma	3.83	1 year
2	Automatic Ceramic Tile	Dr. V. Murali Krishna, Dr. A. Varun, Dr.	Mechanical, ECE, CSE	Anjani Holding & One Convergence	5	2 years

Patents

	2018-19		
	Patents filed	Patent Published	Patent Granted
BS&H	0	0	0
BME	0	0	0
CHE	0	0	0
CE	0	0	0
CSE	2	2	0
ECE	0	0	0
EEE	0	0	0
IT	0	0	0
PHE	0	0	0
ME	0	0	0
MBA	0	0	0
Total	2	2	0

Infrastructural Development

- All class rooms have been equipped with infrastructural setup including cameras, systems and internet for conducting online classes in addition to the already available ICT devices.
- Construction of indoor sports complex is in progress.
- Construction of Academic block is in progress with a plinth area 60,000 sft.
- B. V. Raju Park work: Pathways work in progress.

Proposed Infrastructure developmental projects:

Proposed Projects	Area
Guest house	6000 sft
New kitchen for hostels	12000 sft
New library block	20000 sft
Super market	3000 sft
Additional Student spaces at B. V. Raju park	3000 sft
B. V. Raju Auditorium	20000 sft

LIBRARY, COMPUTERS & NETWORK INFORMATION

Library:

The college has a full-fledged central library with books and journals to meet the students and faculty requirements.

	Available as on date
Total Titles	12065
Total Volumes	75416
National and International Journals (Print version)	213
Magazines	54
Online Journals (e-Journals)	9714

Computers: Total no. of Computers available: 1949.

CC cameras: 161 CC cameras installed in the campus for surveillance.

Internet: Bandwidth enhanced from 400 Mbps to 454 Mbps (300+40+114 Mbps) during this year.

B.V.Raju Institute Of Technology

Balance Sheet As at 31st March 2019

Amt in Rs.

Liabilities	As At 31.03.2019	As At 31.03.2018	Assets	As At 31.03.2019	As At 31.03.2018
Corpus Donations			Fixed Assets		
Opening Balance	1,893,448	1,893,448	Gross Block	708,581,682	587,271,397
Add: Additions during the year	-	-	Less: Depreciation	(268,892,142)	(216,530,632)
	1,893,448	1,893,448	Net Block	439,689,540	370,740,766
Revenue Surplus					
Opening Balance	(40,799,386)	5,523,876	Capital Work In Progress	12,287,859	12,287,859
Add: Excess Income over Expenses	(18,666,627)	(46,323,262)	Current Assets		-
	(59,466,013)	(40,799,386)	Fixed Deposits with Bank	-	3,000,000
Unsecured Loans			Other Deposits	4,296,875	3,767,950
Loans from Others	334,605,718	255,393,943	Accued interest on FDRs	2,101,239	2,101,239
			Tuition and Other Fees Receivable	180,310,860	192,072,443
Secured Loans			TDS Reivables	-	-
Term Loans	231,524,519	265,594,537	Prepaid Expenses	123,739	98,293
Overdrafts	19,307,697	24,678,621			
Vehicle Loans	2,710,766	3,109,602	Loans & Advances		
			Advance for purchase of equipment	5,303,378	12,987,185
Current Liabilities			Advance to others (Non Interest bearing)	3,117,675	1,306,100
Sundry Creditors	17,182,120	21,797,347			
Other Liabilities	81,674,808	55,711,726	Cash & Bank Balances	12,636,255	14,586,325
Long Term Liabilities					
Caution Deposits	6,984,000	5,487,000			
Advance fee	2,828,101	2,005,101			
Grants	20,622,255	18,076,220			
	659,867,419	612,948,159		659,867,419	612,948,159

Extract from the Books of Accounts

for MANOHAR AND VENKATA

Chartered Accountants

Firm Regn No.009672S

C. Suresh Kumar



C.Suresh Kumar

Partner

M.No.218505

10th September 2019

Hyderabad

for and on behalf of


 Vice Chairman

