



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	Dr.G.Amarendar Rao
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08415-200419
Mobile no.	9849524535
Registered Email	principal@vbithyd.ac.in
Alternate Email	vbitiqac@gmail.com
Address	Aushapur (V), Ghatkesar (M), Medchal District, Telangana
City/Town	Hyderabad
State/UT	Telangana
Pincode	501301

2. Institutional Status					
Autonomous Status (Provide date of Conformant of Autonomous Status)			09-May-2019		
Type of Institution			Co-education		
Location			Rural		
Financial Status			private		
Name of the IQAC co-ordinator/Director			Dr.Jayant Kulkarni		
Phone no/Alternate Phone no.			08415200419		
Mobile no.			9989395570		
Registered Email			vbitiqac@vbithyd.ac.in		
Alternate Email			vbitiqac@gmail.com		
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)			http://vbithyd.ac.in/wp-content/uploads/2018/10/APCOGN20387-Vignana-Bharathi-Institute-of-Technology-Hyderabad-Telangana.doc-1.pdf		
4. Whether Academic Calendar prepared during the year			Yes		
if yes,whether it is uploaded in the institutional website: Weblink :			http://vbithyd.ac.in/academics/almanac/		
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.23	2018	03-Jul-2018	02-Jul-2023
6. Date of Establishment of IQAC			01-Jun-2015		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by	Date & Duration		Number of participants/ beneficiaries		

IQAC		
workshop on mentoring	26-Jan-2019 01	220
interactive session with Dr.Vishnu kanth chatpalli on guidelines after autonomous status	30-Aug-2018 01	50
interaction with dr.G.srinivas, Joint secretary, UGC regional office	11-Sep-2018 01	50
workshop on effective capacity bulding for examination branch after autonomous staus	04-Oct-2018 01	30
input to documentation committee on autonomous inspection visit	20-Sep-2018 01	25

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/Departmen t/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
EEE	MODROBS	AICTE	2018 01	767200
Institute	PMKVY	AICTE	2018 02	79785
Institute	SPDP	AICTE	2018 03	438235
Institute	research project	DST	2018 03	1155000
Information Technology	MRP	UGC	2018 02	32000
Mechanical Engineering	MRP	UGC	2018 02	52000
Humanities & Sciences	MRP	UGC	2018 02	50000
Information Technology	MRP	UGC	2018 02	36000
Humanities & Sciences	MRP	UGC	2018 02	20000
Humanities & Sciences	MRP	UGC	2018 02	20000
Institute	FIST	DST	2018 05	24312

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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 :	1
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)	
Establishment of Institute innovation cell	
Establishment of Digital documentation for activities and events	
Executed academic review and planning mechanism at department level	
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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
To establish Koushal Centre (Skill Personality Development Cell)	implemented
To establish Samvadh centre (Counseling & Career Guidance centre)	implemented
To establish Shodh (Incubation centre)	implemented
To establish separate Public Relation cell	implemented
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14. Whether AQAR was placed before statutory body ?	Yes
Name of Statutory Body	Meeting Date
College academic Council	02-Jul-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	26-Sep-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	23-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	All basic information is being assimilated and distributed through electronic software i.e ecap

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
BTech	01, 02, 03, 04, 05, 12	ECE, EEE, CSE, IT, ME, CE	16/07/2018
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	ECE EEE CSE IT ME CE	31/12/2018	Campus recruitment training	31/12/2018
BTech	ECE EEE CSE IT ME CE	13/08/2018	Technology entrepreneurship program by ISB	13/08/2018

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	ECE,EEE,CSE,IT,ME,CE	09/07/2018

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
CISCO Network essentials, CCNA, cyber security, IT essentials	23/07/2018	2100
ISBTechnology Entrepreneurship program	01/08/2018	12
TASKMaker space 3D printing	02/09/2019	48
Autodesk Fusion 360	01/10/2019	50
Autodesk Revit	01/10/2019	50
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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	ECE	50
BTech	EEE	40
BTech	CSE	10
BTech	IT	4
BTech	ME	92
BTech	CE	93
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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 feedback is collected by the Internal Quality Assurance Cell (IQAC). The institution has established a system of collecting feedback from the students in all courses twice in a semester. Generally, after 1 month of the beginning and at the end of every semester. The feedback has been collected through the online system by a defined in built feedback forms provided by ECAP application software where students can respond towards the structured questionnaire regarding the key elements i.e. communication, number of examples quoted,

behavior in class, teaching methodology and so on. Maximum number of students is participated in giving feedback (98 to 100). 2. Feedback analysis: Once feedback is collected it will be under the process of the faculty performance through some standard statistical tool applications. The collected feedback is analyzed by the IQAC and a detailed report is submitted to the principal. 3. Rewards/Corrective Measures: The faculty is called to have a discussion about feedback with the HOD and Principal for the betterment in their performance. The best performed faculty members are encouraged with appreciation. Members of the faculty, whose performance is poor, are advised based on their weak areas by HOD and Principal. The faculty members are encouraged to participate in various Workshops/Seminars/ Conferences/ Training Programs/FDPs to enhance their skills. The institution organizes faculty development programmes regularly for improving their knowledge and teaching skills. The faculty who performs extremely well is requested to conduct Faculty Development Programmes and participate in Research Development work.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	ECE	240	232	232
BTech	EEE	120	82	82
BTech	CSE	240	240	240
BTech	IT	60	58	58
BTech	ME	120	75	75
BTech	CE	120	101	101
Mtech	CSE	18	3	3
Mtech	CS	18	10	10
Mtech	EPS	18	10	10
Mtech	PEED	18	8	8
MBA	MBA	120	71	71
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3454	166	209	43	252

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
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	Resources)				
252	172	6	15	4	6

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

? The Institute has established a systematic mentoring process. ? As a part of this is process counseling is offered to a group of 20 students by faculty mentor ? Students are observed with regard to their attendance, performance and behavior and subsequently counseled by a mentor ? A record of the counseling will be maintained in mentoring register The College is practicing mentorstudent counseling pattern (1:20) from last four years. The mentoring registers are prepared which indicates the academic record of all the students which belong to the above mentioned groups. Based on the performance in first mid exams, slow learners are identified Mentors develop a rapport with the concerned students through personal interactions Mentors talk with their parents to make the interaction more effective and result oriented. Mentors are informed to provide special attention towards this group of students. The purposes are as follows: 1. To maintain the spirit of teaching learning process at par with others 2. To assist them in pursuing their goal 3. To prevent the cases of detention because of lack of attendance or dropouts

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3620	252	1:14

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
252	241	0	9	37

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.K.Neelima	Professor	Best Faculty award
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	Btech	semester	18/05/2019	15/07/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
416	3264	12.7

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://vbithyd.ac.in/it-program-outcomes/> <http://vbithyd.ac.in/cse-program-outcomes/> <http://vbithyd.ac.in/ece-program-outcomes/>

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
01	BTech	CE	92	65	70.65
02	BTech	EEE	103	75	72.82
03	BTech	ME	90	63	70
04	BTech	ECE	221	163	73.76
05	BTech	CSE	209	179	85.65
12	BTech	IT	45	36	80
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2.7 – Student Satisfaction Survey

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

<http://www.vbithyd.ac.in>

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. Ch. S. L. N. Sridhar, Dr. B. Chandrasekhar, Dr. Salauddin Mohammad, Mr. Bhanu Prasad, Dr. K. Neelima, Dr. R . Arthi
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr. Pradeep Kumar Mallick	Post doctoral research	01/08/2018	Kongju National University
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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

Minor Projects	2	UGC	0.5	0
Minor Projects	2	UGC	1.75	0.5
Minor Projects	2	UGC	1.6	0.2
Minor Projects	2	UGC	1.4	0.2
Minor Projects	2	UGC	2.1	0.32
Minor Projects	2	UGC	2.4	0.36
Minor Projects	2	UGC	1.58	0.52
Any Other (Specify)	2	NPDF by DST	19.2	7.99
Any Other (Specify)	1	MODROBS by AICTE	9.59	7.67
Any Other (Specify)	1	FDP from AICTE	4.46	4.46
Minor Projects	2	UGC	2.1	0.32
Minor Projects	2	UGC	2.4	0.36
Minor Projects	2	UGC	1.58	0.52
Any Other (Specify)	2	NPDF by DST	19.2	7.99
Any Other (Specify)	1	MODROBS by AICTE	9.59	7.67
Any Other (Specify)	1	FDP from AICTE	4.46	4.46
Major Projects	3	ISRO	35	11.55
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3.2.2 – The institution provides seed money to its teachers for research,

72240

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
National Level Conference on Emerging Engineering Technology (NCEET 2019)	EEE	09/04/2019
one day seminar on Applications of Mathematics in Science Technology	HS	22/03/2019
one day Antennas Wave Propagation	ECE	19/03/2019
guest lecture on 4G 5G Technologies	ECE	18/08/2018
Boot camp 24 Hr Hackathon on Machine Learning	CSE	11/03/2019
5 day Faculty Development	HS	02/07/2018

Program on Applications Mathematical Methods for Engineering		
one day seminar on Pulse Digital Circuits	ECE	09/03/2019
01 day Faculty Development Program on "Teaching Profession and the Process of Teaching Learning Process".	HS	07/07/2018
FDP on Java Fundamentals	CSE	05/03/2019
National Level Conference on Emerging Engineering Technology (NCEET 2019)	EEE	09/04/2019
one day seminar on Applications of Mathematics in Science Technology	HS	22/03/2019
guest lecture on "Civil Engineering profession as a challenging career"	CE	18/08/2018
guest lecture on NonDestructive Testing	ME	30/08/2018
guest lecture on 4G 5G Technologies	ECE	18/08/2018
5 day Faculty Development Program on Applications Mathematical Methods for Engineering	HS	02/07/2018
guest lecture on Modern Trends in Mechatronics	ME	29/08/2018
01 day Faculty Development Program on "Teaching Profession and the Process of Teaching Learning Process".	HS	07/07/2018
National Level Conference on Emerging Engineering Technology (NCEET 2019)	EEE	09/04/2019
one day seminar on Applications of Mathematics in Science Technology	HS	22/03/2019
guest lecture on Big Data Hadoop	CSE	28/08/2018
one day Antennas Wave Propagation	ECE	19/03/2019
Boot camp 24 Hr Hackathon on Machine Learning	CSE	11/03/2019
one day seminar on Pulse	ECE	09/03/2019

Digital Circuits		
FDP on Java Fundamentals	CSE	05/03/2019
one day seminar on Nano Materials	HS	28/02/2019
05 day Faculty Development Program on "Low Power CMOS Circuits using Mentor Graphics CAD Tools"	ECE	13/12/2018
guest lecture on Analog Electronics	EEE	27/07/2018
05 day Faculty Development Program on "Product Design Engineering using Fusion 360"	ME	18/12/2018
guest lecture on Role of Engineers in Industrial Automation	EEE	13/07/2018
one day workshop on "RCC STRUCTURAL DETAILING AND DRAFTING".	CE	10/12/2019
one day seminar on "Labour Legislations related to Civil Engineering	Civil	25/02/2019
guest lecture on Applications of Geosynthetics in the field of Civil Engineering	CE	08/11/2018
one day Antennas Wave Propagation	ECE	19/03/2019
guest lecture on Cyber Security	CSE	02/11/2018
lecture on "Vision for future and Opportunities in Civil Engineering"	CSE	08/09/2018
one day workshop on "Basic Fire Safety Training Mock Drill"	CE	24/10/2018
guest lecture on NonDestructive Testing	ME	30/08/2018
two day workshop on Augmented Reality Virtual Reality	CSE	08/10/2018
guest lecture on Modern Trends in Mechatronics	ME	29/08/2018
A two day workshop on Mobile Application	CSE IT	04/10/2018

Development		
guest lecture on Big Data Hadoop	CSE	28/08/2018
guest lecture on "Manufacturing Process of Transformer and Accessories"	EEE	15/09/2018
Boot camp 24 Hr Hackathon on Machine Learning	CSE	11/03/2019
one day seminar on Pulse Digital Circuits	ECE	09/03/2019
FDP on Java Fundamentals	CSE	05/03/2019
one day seminar on Nano Materials	HS	28/02/2019
one day seminar on "Labour Legislations related to Civil Engineering	Civil	25/02/2019
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Modern Opportunities in Abroad for Mechanical Engineering student	ME	28/08/2018
guest lecture on "Civil Engineering profession as a challenging career"	CE	18/08/2018
guest lecture on 4G 5G Technologies	ECE	18/08/2018
5 day Faculty Development Program on Applications Mathematical Methods for Engineering	HS	02/07/2018
01 day Faculty Development Program on "Teaching Profession and the Process of Teaching Learning Process".	HS	07/07/2018
National Level Conference on Emerging Engineering Technology (NCEET 2019)	EEE	09/04/2019
one day seminar on	HS	22/03/2019

Applications of Mathematics in Science Technology		
one day Antennas Wave Propagation	ECE	19/03/2019
Boot camp 24 Hr Hackathon on Machine Learning	CSE	11/03/2019
one day seminar on Pulse Digital Circuits	ECE	09/03/2019
FDP on Java Fundamentals	CSE	05/03/2019
one day seminar on Nano Materials	HS	28/02/2019
one day seminar on "Labour Legislations related to Civil Engineering	Civil	25/02/2019
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
one day seminar on "Recent Advances in Ground Improvement Techniques"	CE	08/01/2019
one day workshop on "Recent Advances in Ground Improvement Techniques"	CE	24/12/2018
guest lecture on Cloud Computing	CSE	16/08/2018
one day seminar on Modern Opportunities in Abroad for Mechanical Engineering student	ME	28/08/2018
lecture on "Vision for future and Opportunities in Civil Engineering"	CSE	08/09/2018
guest lecture on "Civil Engineering profession as a challenging career"	CE	18/08/2018

guest lecture on NonDestructive Testing	ME	30/08/2018
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
one day seminar on Modern Opportunities in Abroad for Mechanical Engineering student	ME	28/08/2018
guest lecture on "Civil Engineering profession as a challenging career"	CE	18/08/2018
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
one day seminar on Modern Opportunities in Abroad for Mechanical Engineering student	ME	28/08/2018
guest lecture on "Civil Engineering profession as a challenging career"	CE	18/08/2018
guest lecture on 4G 5G Technologies	ECE	18/08/2018
5 day Faculty Development Program on Applications Mathematical Methods for Engineering	HS	02/07/2018
01 day Faculty Development Program on "Teaching Profession and the Process of Teaching Learning Process".	HS	07/07/2018
guest lecture on "Manufacturing Process of Transformer and Accessories"	EEE	15/09/2018
guest lecture on Applications of Geosynthetics in the field of Civil Engineering	CE	08/11/2018
one day Antennas Wave Propagation	ECE	19/03/2019
one day seminar on "Labour Legislations related to Civil Engineering	Civil	25/02/2019
05 day Faculty Development Program on	ME	18/12/2018

"Product Design Engineering using Fusion 360"		
guest lecture on Role of Engineers in Industrial Automation	EEE	13/07/2018
one day workshop on "RCC STRUCTURAL DETAILING AND DRAFTING".	CE	10/12/2019
one day seminar on "Labour Legislations related to Civil Engineering	Civil	25/02/2019
A two day workshop on Mobile Application Development	CSE IT	04/10/2018
guest lecture on Big Data Hadoop	CSE	28/08/2018
guest lecture on "Manufacturing Process of Transformer and Accessories"	EEE	15/09/2018
Boot camp 24 Hr Hackathon on Machine Learning	CSE	11/03/2019
one day seminar on Pulse Digital Circuits	ECE	09/03/2019
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guest lecture on Cloud Computing	CSE	16/08/2018
05 day Faculty Development Program on Arduino RaspberryPi	EEE	02/07/2018
one day seminar on Modern Opportunities in Abroad for Mechanical Engineering student	ME	28/08/2018

guest lecture on career opportunities in pharmacy industry	MBA	17/11/2018
lecture on "Vision for future and Opportunities in Civil Engineering"	CSE	08/09/2018
one day seminar on "Recent Advances in Ground Improvement Techniques"	CE	08/01/2019
guest lecture on "Civil Engineering profession as a challenging career"	CE	18/08/2018
guest lecture on Applications of Geosynthetics in the field of Civil Engineering	CE	08/11/2018
guest lecture on NonDestructive Testing	ME	30/08/2018
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day workshop on "Recent Advances in Ground Improvement Techniques"	CE	24/12/2018
guest lecture on 4G 5G Technologies	ECE	18/08/2018
guest lecture on Cyber Security	CSE	02/11/2018
5 day Faculty Development Program on Applications Mathematical Methods for Engineering	HS	02/07/2018
one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
one day seminar on "Recent Advances in Ground Improvement	CE	08/01/2019

Techniques"		
one day workshop on "Recent Advances in Ground Improvement Techniques"	CE	24/12/2018
guest lecture on Cloud Computing	CSE	16/08/2018
one day seminar on Modern Opportunities in Abroad for Mechanical Engineering student	ME	28/08/2018
lecture on "Vision for future and Opportunities in Civil Engineering"	CSE	08/09/2018
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one day workshop on "Basic Fire Safety Training Mock Drill"	CE	24/10/2018
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guest lecture on Big Data	CSE	28/08/2018

Hadoop		
guest lecture on career opportunities in pharmacy industry	MBA	17/11/2018
one day Antennas Wave Propagation	ECE	19/03/2019
guest lecture on 4G 5G Technologies	ECE	18/08/2018
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
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one day seminar on Applications of Mathematics in Science Technology	HS	22/03/2019
twoday workshop on "Web	CSE IT	08/02/2019

Development using PHP"		
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
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one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
guest lecture on "Manufacturing Process of Transformer and Accessories"	EEE	15/09/2018
05 day Faculty Development Program on "Product Design Engineering using Fusion 360"	ME	18/12/2018
guest lecture on Role of Engineers in Industrial Automation	EEE	13/07/2018
one day workshop on "RCC STRUCTURAL DETAILING AND DRAFTING".	CE	10/12/2019
one day seminar on "Labour Legislations	Civil	25/02/2019

related to Civil Engineering		
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
one day seminar on Modern Opportunities in Abroad for Mechanical Engineering student	ME	28/08/2018
guest lecture on "Civil Engineering profession as a challenging career"	CE	18/08/2018
one day workshop on "Recent Advances in Ground Improvement Techniques"	CE	24/12/2018
guest lecture on Cloud Computing	CSE	16/08/2018
05 day Faculty Development Program on "Low Power CMOS Circuits using Mentor Graphics CAD Tools"	ECE	13/12/2018
guest lecture on Analog Electronics	EEE	27/07/2018
05 day Faculty Development Program on "Product Design Engineering using Fusion 360"	ME	18/12/2018
guest lecture on Role of Engineers in Industrial Automation	EEE	13/07/2018
one day workshop on "RCC	CE	10/12/2019

STRUCTURAL DETAILING AND DRAFTING".		
one day seminar on "Labour Legislations related to Civil Engineering	Civil	25/02/2019
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
Boot camp 24 Hr Hackathon on Machine Learning	CSE	11/03/2019
one day seminar on Pulse Digital Circuits	ECE	09/03/2019
FDP on Java Fundamentals	CSE	05/03/2019
one day seminar on "Recent Advances in Ground Improvement Techniques"	CE	08/01/2019
one day workshop on "Recent Advances in Ground Improvement Techniques"	CE	24/12/2018
guest lecture on Cloud Computing	CSE	16/08/2018
National Level Conference on Emerging Engineering	EEE	09/04/2019

Technology (NCEET 2019)		
one day seminar on Applications of Mathematics in Science Technology	HS	22/03/2019
one day Antennas Wave Propagation	ECE	19/03/2019
Boot camp 24 Hr Hackathon on Machine Learning	CSE	11/03/2019
one day seminar on Pulse Digital Circuits	ECE	09/03/2019
FDP on Java Fundamentals	CSE	05/03/2019
one day seminar on Nano Materials	HS	28/02/2019
one day seminar on "Labour Legislations related to Civil Engineering	Civil	25/02/2019
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
05 day Faculty Development Program on "Low Power CMOS Circuits using Mentor Graphics CAD Tools"	ECE	13/12/2018
guest lecture on Analog Electronics	EEE	27/07/2018
05 day Faculty Development Program on "Product Design Engineering using Fusion 360"	ME	18/12/2018
guest lecture on Role of Engineers in Industrial Automation	EEE	13/07/2018
one day workshop on "RCC STRUCTURAL DETAILING AND DRAFTING".	CE	10/12/2019
one day seminar on	Civil	25/02/2019

"Labour Legislations related to Civil Engineering		
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
one day seminar on Modern Opportunities in Abroad for Mechanical Engineering student	ME	28/08/2018
guest lecture on "Civil Engineering profession as a challenging career"	CE	18/08/2018
guest lecture on Big Data Hadoop	CSE	28/08/2018
one day Antennas Wave Propagation	ECE	19/03/2019
Boot camp 24 Hr Hackathon on Machine Learning	CSE	11/03/2019
one day seminar on Pulse Digital Circuits	ECE	09/03/2019
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Role of Teacher as a Mentor in	IQAC	26/01/2019

Professional Institutions		
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
one day seminar on "Recent Advances in Ground Improvement Techniques"	CE	08/01/2019
one day seminar on "Recent Advances in Ground Improvement Techniques"	CE	08/01/2019
one day workshop on "Recent Advances in Ground Improvement Techniques"	CE	24/12/2018
guest lecture on Cloud Computing	CSE	16/08/2018
05 day Faculty Development Program on "Low Power CMOS Circuits using Mentor Graphics CAD Tools"	ECE	13/12/2018
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FDP on Java Fundamentals	CSE	05/03/2019
one day seminar on Nano Materials	HS	28/02/2019
05 day Faculty Development Program on "Low Power CMOS Circuits using Mentor Graphics CAD Tools"	ECE	13/12/2018
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05 day Faculty Development Program on "Product Design Engineering using Fusion 360"	ME	18/12/2018
guest lecture on Role of Engineers in Industrial Automation	EEE	13/07/2018
one day workshop on "RCC STRUCTURAL DETAILING AND DRAFTING".	CE	10/12/2019
one day seminar on	Civil	25/02/2019

"Labour Legislations related to Civil Engineering		
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
one day seminar on Modern Opportunities in Abroad for Mechanical Engineering student	ME	28/08/2018
guest lecture on "Civil Engineering profession as a challenging career"	CE	18/08/2018
guest lecture on 4G 5G Technologies	ECE	18/08/2018
5 day Faculty Development Program on Applications Mathematical Methods for Engineering	HS	02/07/2018
01 day Faculty Development Program on "Teaching Profession and the Process of Teaching Learning Process".	HS	07/07/2018

National Level Conference on Emerging Engineering Technology (NCEET 2019)	EEE	09/04/2019
one day seminar on Applications of Mathematics in Science Technology	HS	22/03/2019
one day Antennas Wave Propagation	ECE	19/03/2019
Boot camp 24 Hr Hackathon on Machine Learning	CSE	11/03/2019
one day seminar on Pulse Digital Circuits	ECE	09/03/2019
FDP on Java Fundamentals	CSE	05/03/2019
one day seminar on Nano Materials	HS	28/02/2019
one day seminar on "Labour Legislations related to Civil Engineering	Civil	25/02/2019
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
twoday workshop on "Web Development using PHP"	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Nano Materials	HS	28/02/2019
guest lecture on Cyber Security	CSE	02/11/2018
lecture on "Vision for future and Opportunities in Civil Engineering"	CSE	08/09/2018
one day workshop on "Basic Fire Safety Training Mock Drill"	CE	24/10/2018
guest lecture on NonDestructive Testing	ME	30/08/2018
two day workshop on Augmented Reality Virtual Reality	CSE	08/10/2018
guest lecture on Modern Trends in Mechatronics	ME	29/08/2018
one day seminar on Nano Materials	HS	28/02/2019

05 day Faculty Development Program on ""Low Power CMOS Circuits using Mentor Graphics CAD Tools""	ECE	13/12/2018
guest lecture on Analog Electronics	EEE	27/07/2018
one day seminar on ""Recent Advances in Ground Improvement Techniques""	CE	08/01/2019
one day workshop on ""Recent Advances in Ground Improvement Techniques""	CE	24/12/2018
guest lecture on Cloud Computing	CSE	16/08/2018
05 day Faculty Development Program on ""Low Power CMOS Circuits using Mentor Graphics CAD Tools""	ECE	13/12/2018
guest lecture on Analog Electronics	EEE	27/07/2018
05 day Faculty Development Program on ""Product Design Engineering using Fusion 360""	ME	18/12/2018
guest lecture on Role of Engineers in Industrial Automation	EEE	13/07/2018
one day workshop on ""RCC STRUCTURAL DETAILING AND DRAFTING"".	CE	10/12/2019
one day seminar on ""Labour Legislations related to Civil Engineering	Civil	25/02/2019
one day seminar on Importance of Emotional Quotient to evolve as a Leader	MBA	22/02/2019
twoday workshop on ""Web Development using PHP""	CSE IT	08/02/2019
02day workshop on 3D Printing Technology	ME	07/02/2019
3 day workshop from on Electrical CAD	EEE	31/01/2019
one day seminar on Role of Teacher as a Mentor in	IQAC	26/01/2019

Professional Institutions		
one day seminar on Role of Teacher as a Mentor in Professional Institutions	IQAC	26/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
one day seminar on Corporate Expectations from Freshers	MBA	12/01/2019
guest lecture on "Introduction to Vibrations, Noise Harshness in Automobiles"	ME	09/01/2019
one day seminar on Modern Opportunities in Abroad for Mechanical Engineering student	ME	28/08/2018
guest lecture on "Civil Engineering profession as a challenging career"	CE	18/08/2018
guest lecture on 4G 5G Technologies	ECE	18/08/2018
5 day Faculty Development Program on Applications Mathematical Methods for Engineering	HS	02/07/2018
01 day Faculty Development Program on "Teaching Profession and the Process of Teaching Learning Process".	HS	07/07/2018
No file uploaded.		

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
Smart india Hackathon	Kunal Dubey, M.Sanath swaroop of III IT E.Kaustubh, A.Yashwanth, Aishwarya Bhavani, B.Architha of III CSE	AICTE	01/03/2019	I prize
No file uploaded.				

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
Yes	Shodh	SVET	RDR Receptive, Future Step, Urban raptors, Sansah	Entrepreneurship	23/07/2018
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Electronics Communications Engineering	7
Mechanical Engineering	1
Humanities Sciences	3

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Humanities and Sciences	1	3
International	Humanities and Sciences	2	3
National	Civil Engg	16	5.69
National	EEE	17	4.44
National	ME	5	3.14
International	ME	3	3.14
National	ECE	11	3.73
International	ECE	4	3.73
National	CSE	14	3.23
International	CSE	8	3.23
National	IT	6	2.89
International	IT	2	2.89
National	MBA	1	1.31
National	MBA	1	1.31
National	IT	6	2.89
International	IT	2	2.89

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
Information Technology	2
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
IOTAISDESK: Using IOT applications intelligent student desk	Published	41014569	26/04/2019
No file uploaded.			

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
Analysis and case study of solar converter for BLDC motor based Drone applications	Dr. S.Raja sekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
SMOTE and ABC optimized RBF network for coping with imbalanced class in EEG signal classification	Sandeep Kumar Sathapathy	IJMEI	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Type2 fuzzy logic based pitch angle controller for fixed speed wind energy system	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Solar based Ten switch UPQC Topology in Power Distribution System	A.Gopala Krushna	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
BASIC MATHEMATICAL	M.Sharanya	International	2019	0	Vignana Bharathi	0

DESIGN OF THREE PHASE INDUCTION MOTOR USING MATLAB SIMULINK		Journal of Research				Institute of Technology, Hyderabad, India	
Analysis and Design of Multilevel inverters for PV systems	J.N Bhanutej	International Journal of Research	2019	0		Vignana Bharathi Institute of Technology, Hyderabad, India	0
A Simple Method for Capacitor Voltage Control of Nested Four Level Type Inverter Using SVM	S. Rakesh Reddy	International Journal of Research	2019	0		Vignana Bharathi Institute of Technology, Hyderabad, India	0
A novel low power CMOS compressors using frequency scaling and temperature scaling	Dr. D. Lakshmaiah	ICMPET	2019	0		Vignana Bharathi Institute of Technology	0
Design of low power CMOS borrow save adder and array multiplier	Dr. D. Lakshmaiah	ICMPET	2019	0		Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS 3Input XOR/XNOR Based on voltage scaling,	Dr. D. Lakshmaiah	IJCSEE	2019	0		Vignana Bharathi Institute of Technology	0
Design of High Speed Low Power 1bit CMOS ALU using threshold	Dr. D. Lakshmaiah	IJRCT	2019	0		Vignana Bharathi Institute of Technology	0

voltage technique,						
Queue stability and low energy for energy harvesting cognitive radio networks	Dr. R. Arthi	IJEEE	2018	0	Vignana Bharathi Institute of Technology	0
Zadoffchu sequence based preamble design of fbmc/oqam for 5G	Dr. R. Arthi	IJET	2018	0	Vignana Bharathi Institute of Technology	0
Implementing and analysing FAR and FRR for face and voice recognition (Multimodal) using KNN classifier	Dr. P. V. Rao	IJIUS	2019	0	Vignana Bharathi Institute of Technology	0
Survey: Machine Learning Based Strategies on Imbalanced Datasets	Raj Shekar	International Conference On Cognitive Computing and Big Data Analytics	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Kernel filtering for MultiLevel integrity verification approach for cloud data storage	K.Shirisha Reddy	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 22498958, Volume8 Issue5	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
EHealth Monitoring Using a Centralized Decentralized System	K.Shirisha Reddy	International journal of sensor networks and Data C	2019	0	Vignana Bharathi Institute of Technology, Hyderabad,	0

		ommunications ISSN 20904886,DOI :10.4172/20904886.1000165			India	
Security Measures in Distributed Approach of Cloud Computing	K.Shirisha Reddy	Cognitive informatics and soft computingS pringer	2018	0	JNTUH	0
Challenges and Implications of Virtual ELearning in EFL Context: Perceptions of Teachers	N. George Mathew	International Journal of English Language Teaching	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Bio convection in nanofluidsaturated porous square cavity containing oxytactic micro organisms	B. Chandrasheker	J . Nanofluids	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Design and analysis of Fin locking mechanism for missile applications	Venkateshwar Rao.R	conference	2019	0	VBIT	0
Experimental investigation on mechanical properties of thick dissimilar Alalloy joints fabricated by friction stir	Venkateshwar Rao.R	JMRT	2019	0	VBIT	0

process,						
ONLINE SOCIAL VOTING BY COLLABORATIVE FIELTE RINGBASED RECOMMENDATION USING ADVANCE DEEP LEARNING ALGORITHM	Dr. G.SWAMY	International Journal of advanced science and technology ISSN:20054 238	2019	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
Process Mining Techniques Analysis on Dataset Event Manifesto	N.Swapna	Journal of Advanced Research in Dynamical and Control Systems. (ISSN: 1943023X)	2018	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
Secure Data Accessing Over Cloud Computing Environment Using Hybrid Query	Sridhar Reddy Vulapula	JARDC	2018	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
SMART CALL FORWARDING AND CONDIT IONAL SIGNAL MONITORING IN DUOS MOBILE	S.Bhagya Rekha	ACM ICPS (SJR)	2019	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
Implementa tion of Network Monitoring and Automat ic Smart Call Forwarding In Duos Mobile	S.Bhagya Rekha	IJITEE	2019	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
Strength Aspects of Flyash based Geo Polymer concrete	G. Mounika	International Journal of Emerging T echnologie s and	2019	0	Vignana Bharathi Institute of Technology	0

		Innovative Research				
Optimization and analysis of multi tool arbor	Madhavi M	IJSRET	2019	0	VBIT	0
Experimental Investigation on Partial Replacement of Cement with Eggshell Powder in Concrete	G. Mounika	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
RF Energy and Harvesting for Spectrum management in Cognitive radio networks	Ms. Ch. Suneetha	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
SALIENCY guided wavelet Compression for Low Bit rate Image and Video Coding	Mr. P. Vidya Sagar	IJTIMES	2018	0	Vignana Bharathi Institute of Technology	0
Climate monitoring system and Transmission of data without internet	Mr. K. J. Onesim	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
Built in Self Test Detection For motion Estimation Computing Arrays	Mr. Ch. Rajendra Prasad	IJRET	2018	0	Vignana Bharathi Institute of Technology	0
Coverage optimization of a VLC based smart room	Mr. Dinesh	SPRINGER	2018	0	Vignana Bharathi Institute of Technology	0

with genetic Algorithm, Springer Optical and wireless Technologies						
Microstructural and hardness behavior of hybrid composites prepared by powder metallurgy method	Sampath V	IJITEE	2018	0	Vignana Bharathi Institute of Technology	0
Experimental Investigation on behavior of bamboo as reinforcement in structural concrete elements	G. Bhogayya Naidu	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
Seismic and Wind analysis of a multi storey building (G12) by using ETABS software	C.V.Siva Rama Prasad	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
Earthquake and wind analysis of multistory building using stad.pro	C.V.Siva Rama Prasad	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
Analysis And Design of G 20 Residential RCC Building by Using Etabs in Zone II	C.V.Siva Rama Prasad	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0

A Predicti onary Study on Load Carrying Capacity of RCC Structures Subjected to Fire	G. Naresh Kumar Reddy	Internatio nal Journal of Management , Technology and Engine ering	2018	0	Vignana Bharathi Institute of Technology	0
Correlatio n of ultrasonic pulse velocity and the volume analysis of marshall mix design	G. Karthik	Internatio nal Journal for Research in Enginee ring Appli cation Management (IJREAM)	2019	0	Vignana Bharathi Institute of Technology	0
Planning and Design of 250KLD Sewage Treatment Plant	A.Saitheja	Internatio nal Journal of Emerging T echnologie s and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
Comparativ e study of mechanical Properties of shc with and without Partial re placement of fly ash in Extreme conditions	M. Mounika	Internatio nal Journal of Emerging T echnologie s and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
Extracting Subset of Relevant Features for Breast Cancer to Improve Accuracy of Classifier	Dr. RAJU DARA	Internatio nal Journal of Innovative Technology and Exploring Engineerin g (IJITEE), Volume8 Issue11, September 2019, ISSN:	2019	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0

		22783075 (Scopus Indexed)				
Cryptographic Key Exchange Authentication using Two Servers PAKE	Dr. RAJU DARA	International Journal of Engineering and Advanced Technology (IJEAT), Volume8 Issue6S, August 2019, ISSN: 2249 - 8958 (Scopus Indexed)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Process Mining Techniques Analysis on Data set event manifesto	Dr. G.SWAMY	International Journal of Pure and Applied Mathematics ISSN: 13118080 (printed version) ISSN: 13143395 (online version)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Experimental Investigation on glass powder and fly ash as partial replacement of cement for sustainable concrete	C. Mounika	Suraj punj journal for multidisciplinary research	2019	0	Vignana Bharathi Institute of Technology	0
Soil Enhancement by using Marble Powder	G. Naresh Reddy	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2019	0	Vignana Bharathi Institute of Technology	0

Enhancement of Soil characteristics using glass fibers	M. Ravi teja	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
A BRIEF STUDY ON HISTOPATHOLOGICAL IMAGES	RAJESH SATURI	International Journal of Recent Trends in Engineering and Research (IJRTER)	2019	0	Osmania university	0
Extracting Subset of Relevant Features for Breast Cancer to Improve Accuracy	RAJESH SATURI	'International Journal of Innovative Technology and Exploring Engineering' at Volume 8 Issue 11, September	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Process Mining Techniques Analysis on Dataset Event Manifesto	Dr.K.Sreenivasa Rao	Journal of Advanced Research in Dynamical and Control Systems. (ISSN: 1943023X)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A Novel Approach for hiding Sensitive Items in Data mining using correlation	Dr.K.Sreenivasa rao	International Journal of Pure and Applied Mathematics ISSN: 13118080 (printed version) ISSN: 13143395 (online version)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Disambiguating the Context of	Dr. RAJU DARA	International Journal of	2019	0	Vignana Bharathi Institute	0

the Concept Terms using Concept Hierarchy		Innovative Technology and Exploring EVolume8 I ssue11,Oct ober 2019, ISSN: 22783075 (Scopus In dexed)ngin eering (IJITEE),			of Technol ogy, Hyderabad, India	
ONLINE SOCIAL VOTING BY COLLABORAT IVE FIELTE RINGBASED RECOMMENDA TION USING ADVANCE DEEP LEARNING ALGORITHM	Dr. G.SWAMY	Internatio nal Journal of advanced science and technology ISSN:20054 238	2019	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
Process Mining Techniques Analysis on Dataset Event Manifesto	N.Swapna	Journal of Advanced Research in Dynamical and Control Systems. (ISSN: 1943023X)	2018	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
A Secure data packet tra nsmission in wireless sensor network using HECC algorithm and Finding malicious packet	M.Venkates wara Rao	IJET	2018	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
A Multi Fa ctorizatio n Approach in Wireless Sensor Network	M.Venkates wara Rao	JARDC	2019	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0

for efficient communication						
FACILITATING AVOIDANCE AND DETECTION OF AUTOMOBILES MISHAP	M.Venkateswara Rao	IJR	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Brain MRI Image classification for cancer using deep wavelet auto encoder based deep neural network	Sandeep Kumar Sathapathy	IEEE access	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM	P.Vara Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Authorship Attribution using Content Features and Ngram Features	Dr. RAJU DARA	International Journal of Engineering and Advanced Technology	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

		(IJEAT), Volume 8, Issue 6S, October 2019, ISSN: 2249 - 8958 (Scopus Indexed) Volume 8, Issue 6S, October 2019, ISSN: 2249 - 8958 (Scopus Indexed)				
A New Technique for Balancing Load in Cloud Computing Environments	Dr. RAJU DARA	JAC Journal of Analysis and Computation (An International Peer reviewed and UGC Approved Journal)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Analysis and case study of solar converter for BLDC motor based Drone applications	Dr. S.Rajasekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Built in Self Test Detection For motion Estimation Computing Arrays	Mr. Ch. Rajendra Prasad	IJRET	2018	0	Vignana Bharathi Institute of Technology	0
Coverage optimization of a VLC based smart room with genetic Algorithm, Springer Optical and	Mr. Dinesh	SPRINGER	2018	0	Vignana Bharathi Institute of Technology	0

wireless Technologies						
SMOTE and ABC optimized RBF network for coping with imbalanced class in EEG signal classification	Sandeep Kumar Sathapathy	IJMEI	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Type2 fuzzy logic based pitch angle controller for fixed speed wind energy system	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Solar based Ten switch UPQC Topology in Power Distribution System	A.Gopala Krushna	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
BASIC MATHEMATICAL DESIGN OF THREE PHASE INDUCTION MOTOR USING MATLAB SIMULINK	M.inSharanya	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Analysis and Design of Multilevel inverters for PV systems	J.N Bhanutej	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
BASIC MATHEMATICAL DESIGN OF THREE PHASE INDUCTION	M.inSharanya	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad,	0

MOTOR USING MATLAB SIMULINK					India	
Analysis and Design of Multilevel inverters for PV systems	J.N Bhanutej	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A Simple Method for Capacitor Voltage Control of Nested Four Level TType Inverter Using SVM	S. Rakesh Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF IOT BASED SMART HOME	A.Sai Subhadra	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
TEMPERATURE BASED HOME AUTOMATION USING RASPBERRY PI	G.Poorna Chandra Rao	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
COMPARATIVE ANALYSIS BETWEEN PI AND FUZZY LOGIC CONTROLLER IN SPEED CONTROL OF PMSM	M.Sai Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dr.S. Rajasekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND	Dharani.V	International	2019	0	Vignana	0

IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS		Journal of Research			Bharathi Institute of Technology, Hyderabad, India	
Design of Low Power CMOS Array and Tree multiplier using DSM Technology	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
Queue stability and low energy for energy harvesting cognitive radio networks	Dr. R. Arthi	IJEEE	2018	0	Vignana Bharathi Institute of Technology	0
Zadoffchu sequence based preamble design of fbmc/oqam for 5G	Dr. R. Arthi	IJET	2018	0	Vignana Bharathi Institute of Technology	0
Design of Fuzzy logic system for Cognitive radio network for efficient spectrum design and channel assignment	Ms. Ch. Suneetha	IJET	2018	0	Vignana Bharathi Institute of Technology	0
RF Energy and Harvesting for Spectrum management in Cognitive radio networks	Ms. Ch. Suneetha	ICETE	2019	0	Vignana Bharathi Institute of Technology	0

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TEMPERATURE BASED HOME AUTOMATION USING RASPBERRY PI	G.Poorna Chandra Rao	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
COMPARATIVE ANALYSIS BETWEEN PI AND FUZZY LOGIC CONTROLLER IN SPEED CONTROL OF PMSM	M.Sai Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dr.S. Raja sekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dharani.V	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A novel low power	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi	0

CMOS compressors using frequency scaling and temperature scaling					Institute of Technology	
Design of low power CMOS borrow save adder and array multiplier	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS 3Input XOR/XNOR Based on voltage scaling,	Dr. D. Lakshmaiah	IJCSEE	2019	0	Vignana Bharathi Institute of Technology	0
Design of High Speed Low Power 1bit CMOS ALU using threshold voltage technique,	Dr. D. Lakshmaiah	IJRCT	2019	0	Vignana Bharathi Institute of Technology	0
Queue stability and low energy for energy harvesting cognitive radio networks	Dr. R. Arthi	IJEEE	2018	0	Vignana Bharathi Institute of Technology	0
Zadoffchu sequence based preamble design of fbmc/oqam for 5G	Dr. R. Arthi	IJET	2018	0	Vignana Bharathi Institute of Technology	0
Design of Fuzzy logic system for Cognitive radio network for efficient	Ms. Ch. Suneetha	IJET	2018	0	Vignana Bharathi Institute of Technology	0

spectrum design and channel assignment						
RF Energy and Harvesting for Spectrum management in Cognitive radio networks	Ms. Ch. Suneetha	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
SALIENCY guided wavelet Compression for Low Bit rate Image and Video Coding	Mr. P. Vidya Sagar	IJTICES	2018	0	Vignana Bharathi Institute of Technology	0
Educational Data Mining for Student Placement Prediction using Machine Learning Algorithms"	N.Swapna	International Journal of Engineering and Technology(UAE), Vol.7, Issue 1.2 (Special Issue), 2018, Pg. 4346.(ISSN 2227524X).	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Educational Data Mining for Student Placement Prediction using Machine Learning Algorithms"	P.Praveen Kumar	International Journal of Engineering and Technology(UAE), Vol.7, Issue 1.2 (Special Issue), 2018, Pg. 4346.(ISSN 2227524X).	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DYNAMIC WIRELESS POWER TRANSFER FOR ELECTRIC VEHICLE	V.Jeetender	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

CHARGING						
Survey: Machine Learning Based Strategies on Imbalanced Datasets	Raj Shekar	International Conference On Cognitive Computing and Big Data Analytics	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Kernel filtering for MultiLevel integrity verification approach for cloud data storage	K.Shirisha Reddy	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 22498958, Volume8 Issue5	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
EHealth Monitoring Using a Centralized Decentralized System	K.Shirisha Reddy	International journal of sensor networks and Data Communications ISSN 20904886, DOI :10.4172/20904886.1000165	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Security Measures in Distributed Approach of Cloud Computing	K.Shirisha Reddy	Cognitive informatics and soft computing Springer	2018	0	JNTUH	0
Challenges and Implications of Virtual ELearning in EFL Context: Perceptions of Teachers	N. George Mathew	International Journal of English Language Teaching	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Bio convection in nanofluid saturated porous	B. Chandra sheker	J . Nanofluids	2019	0	Vignana Bharathi Institute of Technology,	0

square cavity containing oxytactic micro organisms					Hyderabad, India	
Design and analysis of Fin locking mechanism for missile applications	Venkateshwar Rao.R	conference	2019	0	VBIT	0
Experimental investigation on mechanical properties of thick dissimilar Alalloy joints fabricated by friction stir process,	Venkateshwar Rao.R	JMRT	2019	0	VBIT	0
Optimization and analysis of multi tool arbor	Madhavi M	IJSRET	2019	0	VBIT	0
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dr.S. Rajasekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dharani.V	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Energy Meter	M. Santosh	International	2019	0	Vignana Bharathi	0

Monitoring and Control with Tamper Prevention System		Journal of Research			Institute of Technology, Hyderabad, India	
IOT ENABLED WATER QAULITY MONITORING SYSTEM BASED ON PH, TURBIDITY AND TEMPERATURE	Dr. S.Rajsekar	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	M. Pavani	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
SOLAR POWERED BLDC MOTOR DRIVE FOR ELECTRIC VEHICLE APPLICATIONS	T.ManiRatnam	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
OPTIMIZATION AND EMPIRICAL MODELLING OF ELECTRICAL	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad,	0

PROPERTIES OF AN ADVANCED SODIUM ION BATTERY ELECTROLYTE USING A LINEAR REGRESSION TOOL					India	
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Analysis and case study of solar converter for BLDC motor based Drone applications	Dr. S.Rajasekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Prediction of Customer Attrition using	P.Praveen Kumar	2nd National Conference on Cyber Security,	2019	0	Vignana Bharathi Institute of Technology,	0

Feature Extraction Techniques and its performance Assessment through dissimilar Classifiers		Image Processing, Graphics, Mobilty and Analytics NCCSIGMA 2019			Hyderabad, India	
A survey on user behavior on digital market by mining click stream data	P.Praveen Kumar	International Conference on Computational Intelligence and Informatics2019(ICCII2019) Advances in Intelligent Systems and Computing	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Web Based AudioVideo Retrieval Algorithm using support vector Machine Classifier	N.Srinivasa Rao	Journal Of Emerging Technologies and Innovative Research(JETIR),Vol 5,Issue 7(ISSN23495162)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Biostatistics and Bioinformatics Big Data Analytics Data Mining	M.Suneetha	International Conference Comput Sci Syst Biol 2018, Volume: 11	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Survey: Machine Learning Based Strategies on Imbalanced Datasets	Raj Shekar	International Conference On Cognitive Computing and Big Data Analytics	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Kernel filtering for MultiLevel	K.Shirisha Reddy	International Journal of Engineerin	2019	0	Vignana Bharathi Institute of Technol	0

integrity verification approach for cloud data storage		g and Advanced Technology (IJEAT) ISSN: 22498958, Volume8 Issue5			ogy, Hyderabad, India	
Energy Meter Monitoring and Control with Tamper Prevention System	M. Santosh	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
IOT ENABLED WATER QAULITY MONITORING SYSTEM BASED ON PH, TURBIDITY AND TEMPERATURE	Dr. S.Rajsekar	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
FABRICATION OF NANO MATERIALS FOR ANTI REFLECTING COATING	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Polarization reconfigurable antenna	Dr. Y. Srinivas	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
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Wireless Sensor Network to Resist Maximum Threats						
Prediction based person recognition using face and speech (multi modal) for improved performance	Dr. P. V. Rao	IJET	2018	0	Vignana Bharathi Institute of Technology	0
10GHz Charge Pump PLL for Low Jitter Applications	Dr. P. V. Rao	IJET	2018	0	Vignana Bharathi Institute of Technology	0
Theoretical Analysis of CMOS circuits in 90 nm Technology	Dr. D. Lakshmaiah	IJITEE	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS Array and Tree multiplier using DSM Technology	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
A novel low power CMOS compressors using frequency scaling and temperature scaling	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
Combating data leakage Trojans in commercial and ASIC applications with TDM and random encoding	Mr. N. Sai Ram	IJRAT	2019	0	Vignana Bharathi Institute of Technology	0

Design of low power CMOS borrow save adder and array multiplier	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
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DESIGN AND IMPLEMENTATION OF IOT BASED SMART HOME	A.Sai Subhadra	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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COMPARATIVE ANALYSIS BETWEEN PI AND FUZZY LOGIC CONTROLLER IN SPEED CONTROL OF PMSM	M.Sai Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION	Dr.S. Rajasekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

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DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dharani.V	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Energy Meter Monitoring and Control with Tamper Prevention System	M. Santosh	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
IOT ENABLED WATER QUALITY MONITORING SYSTEM BASED ON PH, TURBIDITY AND TEMPERATURE	Dr. S.Rajsekar	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
FABRICATION OF NANO MATERIALS FOR ANTI REFLECTING COATING	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Polarization reconfigurable antenna	Dr. Y. Srinivas	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
Microstructural and hardness behavior of hybrid composites prepared by powder metallurgy method	Sampath V	IJITEE	2018	0	Vignana Bharathi Institute of Technology	0
Biometric attendance	Mr. Ch. Rajendra	ICETE	2019	0	Vignana Bharathi	0

system using ARM	Prasad				Institute of Technology	
Dayadi 1bit CMOS FULL ADDER	Ms. J. Manga	SPRINGER	2019	0	Vignana Bharathi Institute of Technology	0
A novel CMOS compressor	Ms. J. Manga	JETIR	2019	0	Vignana Bharathi Institute of Technology	0
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SALIENCY guided wavelet Co mpression for Low Bit rate Image and Video Coding	Mr. P. Vidya Sagar	IJTICES	2018	0	Vignana Bharathi Institute of Technology	0
Climate monitoring system and Transmissi on of data without internet	Mr. K. J. Onesim	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
Built in Self Test Detection For motion Estimation Computing Arrays	Mr. Ch. Rajendra Prasad	IJRET	2018	0	Vignana Bharathi Institute of Technology	0
Coverage o ptimizatio	Mr. Dinesh	SPRINGER	2018	0	Vignana Bharathi	0

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A novel CMOS compressor	Ms. J. Manga	JETIR	2019	0	Vignana Bharathi Institute of Technology	0
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Coverage o	Mr. Dinesh	SPRINGER	2018	0	Vignana	0

Optimization of a VLC based smart room with genetic Algorithm, Springer Optical and wireless Technologies					Bharathi Institute of Technology	
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Biometric attendance system using ARM	Mr. Ch. Rajendra Prasad	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
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A novel CMOS compressor	Ms. J. Manga	JETIR	2019	0	Vignana Bharathi Institute of Technology	0
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EHealth Monitoring Using a Centralized Decentralized System	K. Shirisha Reddy	International journal of sensor networks and Data Communications ISSN 20904886, DOI :10.4172/20904886.1000165	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Security Measures in Distributed Approach of Cloud Computing	K. Shirisha Reddy	Cognitive informatics and soft computingS pringer	2018	0	JNTUH	0

Implementing and analysing FAR and FRR for face and voice recognition (Multimodal) using KNN classifier	Dr. P. V. Rao	IJIUS	2019	0	Vignana Bharathi Institute of Technology	0
Unique Analytical Modelling of Secure Communication in Wireless Sensor Network to Resist Maximum Threats	Dr. P. V. Rao	IJACSA	2019	0	Vignana Bharathi Institute of Technology	0
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Comparative Study of Light Weight Floating Bricks with Clay Brick	C.Mounika	International Journal of Information and computing science	2019	0	Vignana Bharathi Institute of Technology Vignana Bharathi Institute of Technology Vignana Bharathi Institute of Technology Vignana Bharathi Institute of Technology	0
Magnetohydrodynamic nanofluid flow and heat transfer	B. Chandrasheker	I.JNMHF	2019	0	Vignana Bharathi Institute of Technology, Hyderabad,	0

in a porous cavity containing heated surface					India	
Review on Privacy Preserving of Medical Data in Cloud Computing System	Sridhar Reddy Vulapula	IJPHRD	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Secure Data Accessing Over Cloud Computing Environment Using Hybrid Query	Sridhar Reddy Vulapula	JARDC	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
SMART CALL FORWARDING AND CONDITIONAL SIGNAL MONITORING IN DUOS MOBILE	S.Bhagya Rekha	ACM ICPS (SJR)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Implementation of Network Monitoring and Automatic Smart Call Forwarding In Duos Mobile	S.Bhagya Rekha	IJITEE	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Strength Aspects of Flyash based Geo Polymer concrete	G. Mounika	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
Experimental Investigation on Partial Replacement of Cement with	G. Mounika	International Journal of Emerging Technologies and Innovative	2019	0	Vignana Bharathi Institute of Technology	0

Eggshell Powder in Concrete		Research				
Experimental Investigation on behavior of bamboo as reinforcement in structural concrete elements	G. Bhogayya Naidu	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
Experimental Investigation on glass powder and fly ash as partial replacement of cement for sustainable concrete	C. Mounika	Suraj punj journal for multidisciplinary research	2019	0	Vignana Bharathi Institute of Technology	0
Soil Enhancement by using Marble Powder	G. Naresh Reddy	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	2019	0	Vignana Bharathi Institute of Technology	0
Enhancement of Soil characteristics using glass fibers	M. Ravi teja	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
A BRIEF STUDY ON HISTOPATHOLOGICAL IMAGES	RAJESH SATURI	International Journal of Recent Trends in Engineering and Research (IJRTER)	2019	0	Osmania university	0
FABRICATION OF NANOMATERIALS	Dr. K.Neelima	International Journal of	2019	0	Vignana Bharathi Institute	0

FOR ANTI REFLECTING COATING		Research			of Technology, Hyderabad, India	
Polarization reconfigurable antenna	Dr. Y. Srinivas	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
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Seismic and Wind analysis of a multi storey building (G12) by using ETABS software	C.V.Siva Rama Prasad	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
Earthquake and wind analysis of multistory building using stad.pro	C.V.Siva Rama Prasad	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
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Prediction based person recognition using face and speech (multi modal) for improved performance	Dr. P. V. Rao	IJET	2018	0	Vignana Bharathi Institute of Technology	0
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Correlation of ultrasonic pulse velocity and the volume analysis of marshall mix design	G. Karthik	International Journal for Research in Engineering Application Management (IJREAM)	2019	0	Vignana Bharathi Institute of Technology	0
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Extracting Subset of Relevant Features for Breast Cancer to Improve Accuracy of Classifier	Dr. RAJU DARA	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume8 Issue11, September 2019, ISSN: 22783075 (Scopus Indexed)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Cryptographic Key Exchange Authentication using Two Servers PAKE	Dr. RAJU DARA	International Journal of Engineering and Advanced Technology (IJEAT), Volume8 Issue6S, August 2019, ISSN: 2249 - 8958 (Scopus	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

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ONLINE SOCIAL VOTING BY COLLABORATIVE FIELTE RINGBASED RECOMMENDATION USING ADVANCE DEEP LEARNING ALGORITHM	Dr. G.SWAMY	International Journal of advanced science and technology ISSN:20054 238	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Web Based AudioVideo Retrieval Algorithm using support vector Machine Classifier	N.Srinivasa Rao	Journal Of Emerging Technologies and Innovative Research(JETIR),Vol 5,Issue 7(ISSN23495162)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Biostatistics and Bioinformatics Big Data Analytics Data Mining	M.Suneetha	International Conference Comput Sci Syst Biol 2018, Volume: 11	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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OF ELECTRICAL PROPERTIES OF AN ADVANCED SODIUM ION BATTERY ELECTROLYTE USING A LINEAR REGRESSION TOOL					ogy, Hyderabad, India	
Design, Modelling and Electrical Characterization of Reserve Lithium Thermal Batteries Used for Onboard Power Applications	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Unique Analytical Modelling of Secure Communication in Wireless Sensor Network to Resist Maximum Threats	Dr. P. V. Rao	IJACSA	2019	0	Vignana Bharathi Institute of Technology	0
SMOTE and ABC optimized RBF network for coping with imbalanced class in EEG signal classification	Sandeep Kumar Sathapathy	IJMEI	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Type2 fuzzy logic based pitch angle controller	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad,	0

for fixed speed wind energy system					India	
Solar based Ten switch UPQC Topology in Power Distribution System	A.Gopala Krushna	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
BASIC MATHEMATICAL DESIGN OF THREE PHASE INDUCTION MOTOR USING MATLAB SIMULINK	M.Sharanya	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Queue stability and low energy for energy harvesting cognitive radio networks	Dr. R. Arthi	IJEEE	2018	0	Vignana Bharathi Institute of Technology	0
Zadoffchu sequence based preamble design of fbmc/oqam for 5G	Dr. R. Arthi	IJET	2018	0	Vignana Bharathi Institute of Technology	0
Design of Fuzzy logic system for Cognitive radio network for efficient spectrum design and channel assignment	Ms. Ch. Suneetha	IJET	2018	0	Vignana Bharathi Institute of Technology	0
RF Energy and Harvesting for Spectrum	Ms. Ch. Suneetha	ICETE	2019	0	Vignana Bharathi Institute of Technology	0

management in Cognitive radio networks						
10GHz Charge Pump PLL for Low Jitter Applications	Dr. P. V. Rao	IJET	2018	0	Vignana Bharathi Institute of Technology	0
Theoretical Analysis of CMOS circuits in 90 nm Technology	Dr. D. Lakshmaiah	IJITEE	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS Array and Tree multiplier using DSM Technology	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
A novel low power CMOS compressors using frequency scaling and temperature scaling	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
Combating data leakage Trojans in commercial and ASIC applications with TDM and random encoding	Mr. N. Sai Ram	IJRAT	2019	0	Vignana Bharathi Institute of Technology	0
Design of low power CMOS borrow save adder and array multiplier	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS 3Input	Dr. D. Lakshmaiah	IJCSEE	2019	0	Vignana Bharathi Institute of	0

XOR/XNOR Based on voltage scaling,					Technology	
Design of High Speed Low Power 1bit CMOS ALU using threshold voltage technique,	Dr. D. Lakshmaiah	IJRCT	2019	0	Vignana Bharathi Institute of Technology	0
Queue stability and low energy for energy harvesting cognitive radio networks	Dr. R. Arthi	IJEEE	2018	0	Vignana Bharathi Institute of Technology	0
Zadoffchu sequence based preamble design of fbmc/oqam for 5G	Dr. R. Arthi	IJET	2018	0	Vignana Bharathi Institute of Technology	0
Design of Fuzzy logic system for Cognitive radio network for efficient spectrum design and channel assignment	Ms. Ch. Suneetha	IJET	2018	0	Vignana Bharathi Institute of Technology	0
RF Energy and Harvesting for Spectrum management in Cognitive radio networks	Ms. Ch. Suneetha	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
SALIENCY guided wavelet Co mpression for Low	Mr. P. Vidya Sagar	IJTICES	2018	0	Vignana Bharathi Institute of Technology	0

Bit rate Image and Video Coding						
Climate monitoring system and Transmission of data without internet	Mr. K. J. Onesim	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
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Coverage optimization of a VLC based smart room with genetic Algorithm, Springer Optical and wireless Technologies	Mr. Dinesh	SPRINGER	2018	0	Vignana Bharathi Institute of Technology	0
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Biometric attendance system using ARM	Mr. Ch. Rajendra Prasad	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
Dayadi 1bit CMOS FULL ADDER	Ms. J. Manga	SPRINGER	2019	0	Vignana Bharathi Institute of Technology	0
A novel CMOS compressor	Ms. J. Manga	JETIR	2019	0	Vignana Bharathi Institute	0

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Design of Low Power CMOS array and tree multiplier using DSM Technology	Mr. B. Rajeshwari	IFERP	2019	0	Vignana Bharathi Institute of Technology	0
Combating data leakage Trojans in commercial and ASIC applications with TDM and random encoding	Mr. N. Sai Ram	IJRAT	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS 3Input XOR/XNOR Based on voltage scaling,	Dr. D. Lakshmaiah	IJCSEE	2019	0	Vignana Bharathi Institute of Technology	0
Design of High Speed Low Power 1bit CMOS ALU using threshold voltage technique,	Dr. D. Lakshmaiah	IJRCT	2019	0	Vignana Bharathi Institute of Technology	0
Extracting Subset of Relevant Features for Breast Cancer to Improve Accuracy	RAJESH SATURI	'International Journal of Innovative Technology and Exploring Engineering' at Volume 8 Issue 11, September	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Process Mining Techniques Analysis on Dataset Event Manifesto	Dr.K.Sreenivasa Rao	Journal of Advanced Research in Dynamical and Control Systems. (ISSN:	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

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A Novel Approach for hiding Sensitive Items in Data mining using correlation	Dr.K.Sreenivasarao	International Journal of Pure and Applied Mathematics ISSN: 13118080 (printed version) ISSN: 13143395 (online version)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Disambiguating the Context of the Concept Terms using Concept Hierarchies	Dr. RAJU DARA	International Journal of Innovative Technology and Exploring EVOLUME8 ISSUE11, October 2019, ISSN: 22783075 (Scopus Indexed) Engineering (IJITEE),	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Authorship Attribution using Content Features and Ngram Features	Dr. RAJU DARA	International Journal of Engineering and Advanced Technology (IJEAT), Volume8 Issue6S, October 2019, ISSN: 2249 - 8958 (Scopus Indexed) Volume8 Issue6S, October 2019, ISSN: 2249 - 8958 (Scopus Indexed)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Technique for Balancing Load in Cloud Computing Environments	DARA	Journal of Analysis and Computation (An International Peer reviewed and UGC Approved Journal)			Bharathi Institute of Technology, Hyderabad, India	
Extracting Subset of Relevant Features for Breast Cancer to Improve Accuracy of Classifier	Dr. RAJU DARA	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume8 Issue11, September 2019, ISSN: 22783075 (Scopus Indexed)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Cryptographic Key Exchange Authentication using Two Servers PAKE	Dr. RAJU DARA	International Journal of Engineering and Advanced Technology (IJEAT), Volume8 Issue6S, August 2019, ISSN: 2249 - 8958 (Scopus Indexed)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Process Mining Techniques Analysis on Data set event manifesto	Dr. G.SWAMY	International Journal of Pure and Applied Mathematics ISSN: 13118080 (printed version) ISSN: 13143395 (online)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

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ONLINE SOCIAL VOTING BY COLLABORATIVE FIELTTERINGBASED RECOMMENDATION USING ADVANCE DEEP LEARNING ALGORITHM	Dr. G.SWAMY	International Journal of advanced science and technology ISSN:20054238	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Process Mining Techniques Analysis on Dataset Event Manifesto	N.Swapna	Journal of Advanced Research in Dynamical and Control Systems. (ISSN: 1943023X)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Bio convection in nanofluidsaturated porous square cavity containg oxytactic micro organisms	B. Chandrasheker	J. Nanofluids	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Magneto hydrodynamic nanofluid flow and heat transfer in a porous cavity containing heated surface	B. Chandrasheker	I.JNMHF	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Review on Privacy Preserving of Medical Data in Cloud Computing System	Sridhar Reddy Vulapula	IJPHRD	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Secure Data	Sridhar Reddy	JARDC	2018	0	Vignana Bharathi	0

Accessing Over Cloud Computing Environment Using Hybrid Query	Vulapula					Institute of Technology, Hyderabad, India	
SMART CALL FORWARDING AND CONDITIONAL SIGNAL MONITORING IN DUOS MOBILE	S.Bhagya Rekha	ACM ICPS (SJR)	2019	0		Vignana Bharathi Institute of Technology, Hyderabad, India	0
Implementation of Network Monitoring and Automatic Smart Call Forwarding In Duos Mobile	S.Bhagya Rekha	IJITEE	2019	0		Vignana Bharathi Institute of Technology, Hyderabad, India	0
A Secure data packet transmission in wireless sensor network using HECC algorithm and Finding malicious packet	M.Venkateswara Rao	IJET	2018	0		Vignana Bharathi Institute of Technology, Hyderabad, India	0
A Multi Factorization Approach in Wireless Sensor Network for efficient communication	M.Venkateswara Rao	JARDC	2019	0		Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Brain MRI Image classification for cancer using deep wavelet auto encoder based deep neural network	Sandeep Kumar Sathapathy	IEEE access	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM	P.Vara Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DYNAMIC WIRELESS POWER TRANSFER FOR ELECTRIC VEHICLE CHARGING	V.Jeetender	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Transient Stability Enhancement of Single Machine Infinite Bus Power System	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

Using Power System Stabilizer						
A Simple Method for Capacitor Voltage Control of Nested Four Level TType Inverter Using SVM	S. Rakesh Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF IOT BASED SMART HOME	A.Sai Subhadra	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
COMPARATIVE ANALYSIS BETWEEN PI AND FUZZY LOGIC CONTROLLER IN SPEED CONTROL OF PMSM	M.Sai Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dr.S. Raja sekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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SALIENCY guided wavelet Compression for Low Bit rate Image and Video Coding	Mr. P. Vidya Sagar	IJTIMES	2018	0	Vignana Bharathi Institute of Technology	0
Climate monitoring system and Transmission of data without internet	Mr. K. J. Onesim	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
Built in Self Test Detection For motion Estimation Computing Arrays	Mr. Ch. Rajendra Prasad	IJRET	2018	0	Vignana Bharathi Institute of Technology	0
Coverage optimization of a VLC	Mr. Dinesh	SPRINGER	2018	0	Vignana Bharathi Institute	0

based smart room with genetic Algorithm, Springer Optical and wireless Technologies					of Technology	
Microstructural and hardness behavior of hybrid composites prepared by powder metallurgy method	Sampath V	IJITEE	2018	0	Vignana Bharathi Institute of Technology	0
Biometric attendance system using ARM	Mr. Ch. Rajendra Prasad	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
Dayadi 1bit CMOS FULL ADDER	Ms. J. Manga	SPRINGER	2019	0	Vignana Bharathi Institute of Technology	0
A novel CMOS compressor	Ms. J. Manga	JETIR	2019	0	Vignana Bharathi Institute of Technology	0
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Combating data leakage Trojans in commercial and ASIC applications with TDM and random encoding	Mr. N. Sai Ram	IJRAT	2019	0	Vignana Bharathi Institute of Technology	0
Analysis and Design	J.N Bhanu tej	International	2019	0	Vignana Bharathi	0

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Educational Data Mining for Student Placement Prediction using Machine Learning Algorithms"	N.Swapna	International Journal of Engineering and Technology(UAE), Vol.7, Issue 1.2 (Special Issue), 2018, Pg. 4346.(ISSN 2227524X).	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Educational Data Mining for Student Placement Prediction using Machine Learning Algorithms"	P.Praveen Kumar	International Journal of Engineering and Technology(UAE), Vol.7, Issue 1.2 (Special Issue), 2018, Pg. 4346.(ISSN 2227524X).	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Prediction of Customer Attrition using Feature Extraction Techniques and its performance Assessment through dissimilar Classifiers	P.Praveen Kumar	2nd National Conference on Cyber Security, Image Processing, Graphics, Mobilty and Analytics NCCSIGMA 2019	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A survey on user behavior on digital market by mining click stream data	P.Praveen Kumar	International Conference on Computational Intelligence and Informatics2019(ICCII2019) Advances	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

		in Intelligent Systems and Computing				
Web Based AudioVideo Retrieval Algorithm using support vector Machine Classifier	N.Srinivasa Rao	Journal Of Emerging Technologies and Innovative Research(JETIR),Vol 5,Issue 7(ISSN23495162)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Biostatistics and Bioinformatics Big Data Analytics Data Mining	M.Suneetha	International Conference Comput Sci Syst Biol 2018, Volume: 11	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Survey: Machine Learning Based Strategies on Imbalanced Datasets	Raj Shekar	International Conference On Cognitive Computing and Big Data Analytics	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Kernel filtering for MultiLevel integrity verification approach for cloud data storage	K.Shirisha Reddy	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 22498958, Volume8 Issue5	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
EHealth Monitoring Using a CentralizedDecentralized System	K.Shirisha Reddy	International journal of sensor networks and Data Communications ISSN 20904886,DOI :10.4172/20904886.1000165	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

Security Measures in Distributed Approach of Cloud Computing	K.Shirisha Reddy	Cognitive informatics and soft computingS pringer	2018	0	JNTUH	0
Challenges and Implications of Virtual ELearning in EFL Context: Perceptions of Teachers	N. George Mathew	International Journal of English Language Teaching	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Review on Privacy Preserving of Medical Data in Cloud Computing System	Sridhar Reddy Vulapula	IJPHRD	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
SMART CALL FORWARDING AND CONDITIONAL SIGNAL MONITORING IN DUAL MODE MOBILE	S.Bhagya Rekha	ACM ICPS (SJR)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

Implementa tion of Network Monitoring and Automat ic Smart Call Forwarding In Duos Mobile	S.Bhagya Rekha	IJITEE	2019	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
A Secure data packet tra nsmission in wireless sensor network using HECC algorithm and Finding malicious packet	M.Venkates wara Rao	IJET	2018	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
A Multi Fa ctorizatio n Approach in Wireless Sensor Network for efficient communicat ion	M.Venkates wara Rao	JARDC	2019	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
FACILITATI NG AVOIDANCE AND DETECTION OF AUTOMOB ILES MISHAP	M.Venkates wara Rao	IJR	2019	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
Brain MRI Image clas sification for cancer using deep wavelet auto encoder based deep neural network	Sandeep Kumar Sathapathy	IEEE access	2019	0	Vignana Bharathi Institute of Technol ogy, Hyderabad, India	0
INVESTIGAT ION OF	Dr. Anil Naik	Internatio nal	2019	0	Vignana Bharathi	0

STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM		Journal of Research			Institute of Technology, Hyderabad, India	
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM	P.Vara Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DYNAMIC WIRELESS POWER TRANSFER FOR ELECTRIC VEHICLE CHARGING	V.Jeetender	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A Simple Method for Capacitor Voltage Control of Nested Four Level TType Inverter Using SVM	S. Rakesh Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND	A.Sai	International	2019	0	Vignana	0

IMPLEMENTATION OF IOT BASED SMART HOME	Subhadra	International Journal of Research			Bharathi Institute of Technology, Hyderabad, India	
TEMPERATURE BASED HOME AUTOMATION USING RASPBERRY PI	G.Poorna Chandra Rao	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Design of Low Power CMOS 3Input XOR/XNOR Based on voltage scaling,	Dr. D. Lakshmaiah	IJCSEE	2019	0	Vignana Bharathi Institute of Technology	0
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SALIENCY guided wavelet Co mpression for Low Bit rate Image and Video Coding	Mr. P. Vidya Sagar	IJTICES	2018	0	Vignana Bharathi Institute of Technology	0
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Microstructural and hardness behavior of hybrid composites prepared by powder metallurgy method	Sampath V	IJITEE	2018	0	Vignana Bharathi Institute of Technology	0
Polarization reconfigurable antenna	Dr. Y. Srinivas	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
Educational Data Mining for Student Placement Prediction using Machine Learning Algorithms"	N.Swapna	International Journal of Engineering and Technology(UAE), Vol.7, Issue 1.2 (Special Issue), 2018, Pg. 4346.(ISSN 2227524X).	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Prediction of Customer	P.Praveen Kumar	2nd National Conference	2019	0	Vignana Bharathi Institute	0

Attrition using Feature Extraction Techniques and its performance Assessment through dissimilar Classifiers		on Cyber Security, Image Processing, Graphics, Mobilty and Analytics NCCSIGMA 2019			of Technology, Hyderabad, India	
A survey on user behavior on digital market by mining click stream data	P.Praveen Kumar	International Conference on Computational Intelligence and Informatics2019(ICCII2019) Advances in Intelligent Systems and Computing	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Web Based AudioVideo Retrieval Algorithm using support vector Machine Classifier	N.Srinivasa Rao	Journal Of Emerging Technologies and Innovative Research(JETIR),Vol 5,Issue 7(ISSN23495162)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Survey: Machine Learning Based Strategies on Imbalanced Datasets	Raj Shekar	International Conference On Cognitive Computing and Big Data Analytics	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Kernel filtering	K.Shirisha Reddy	International	2019	0	Vignana Bharathi	0

for MultiLevel integrity verification approach for cloud data storage		Journal of Engineering and Advanced Technology (IJEAT) ISSN: 22498958, Volume8 Issue5			Institute of Technology, Hyderabad, India	
Biometric attendance system using ARM	Mr. Ch. Rajendra Prasad	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
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Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	M. Pavani	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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OPTIMIZATION AND EMPIRICAL	Dr. K.Neelima	International Journal of	2019	0	Vignana Bharathi Institute	0

MODELLING OF ELECTRICAL PROPERTIES OF AN ADVANCED SODIUM ION BATTERY ELECTROLYTE USING A LINEAR REGRESSION TOOL		Research			of Technology, Hyderabad, India	
Design, Modelling and Electrical Characterization of Reserve Lithium Thermal Batteries Used for Onboard Power Applications	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Analysis and case study of solar converter for BLDC motor based Drone applications	Dr. S.Rajasekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
SMOTE and ABC optimized RBF network for coping with imbalanced class in EEG signal classification	Sandeep Kumar Sathapathy	IJMEI	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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COMPARATIVE ANALYSIS BETWEEN PI AND FUZZY LOGIC CONTROLLER IN SPEED CONTROL OF PMSM	M.Sai Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dr.S. Raja sekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dharani.V	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Energy Meter Monitoring and Control with Tamper Prevention System	M. Santosh	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
IOT ENABLED WATER QUALITY MONITORING SYSTEM BASED ON P	Dr. S.Rajsekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

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FABRICATION OF NANO MATERIALS FOR ANTI REFLECTING COATING	Dr. K. Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Polarization reconfigurable antenna	Dr. Y. Srinivas	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
Implementing and analysing FAR and FRR for face and voice recognition (Multimodal) using KNN classifier	Dr. P. V. Rao	IJIUS	2019	0	Vignana Bharathi Institute of Technology	0
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RF Energy and Harvesting for Spectrum management in Cognitive radio networks	Ms. Ch. Suneetha	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
SALIENCY guided wavelet Compression for Low Bit rate Image and	Mr. P. Vidya Sagar	IJTIMITES	2018	0	Vignana Bharathi Institute of Technology	0

Video Coding						
Climate monitoring system and Transmission of data without internet	Mr. K. J. Onesim	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
Built in Self Test Detection For motion Estimation Computing Arrays	Mr. Ch. Rajendra Prasad	IJRET	2018	0	Vignana Bharathi Institute of Technology	0
Coverage optimization of a VLC based smart room with genetic Algorithm, Springer Optical and wireless Technologies	Mr. Dinesh	SPRINGER	2018	0	Vignana Bharathi Institute of Technology	0
Microstructural and hardness behavior of hybrid composites prepared by powder metallurgy method	Sampath V	IJITEE	2018	0	Vignana Bharathi Institute of Technology	0
Biometric attendance system using ARM	Mr. Ch. Rajendra Prasad	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
Dayadi 1bit CMOS FULL ADDER	Ms. J. Manga	SPRINGER	2019	0	Vignana Bharathi Institute of Technology	0
A novel CMOS compressor	Ms. J. Manga	JETIR	2019	0	Vignana Bharathi Institute of Technology	0

Design of Low Power CMOS array and tree multiplier using DSM Technology	Mr. B. Rajeshwari	IFERP	2019	0	Vignana Bharathi Institute of Technology	0
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	M. Pavani	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
SOLAR POWERED BLDC MOTOR DRIVE FOR ELECTRIC VEHICLE APPLICATIONS	T.ManiRatnam	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
OPTIMIZATION AND EMPIRICAL MODELLING OF ELECTRICAL PROPERTIES OF AN ADVANCED SODIUM ION BATTERY ELECTROLYTE USING A LINEAR REGRESSION TOOL	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Design, Modelling and Electrical Characterization of Reserve Lithium Thermal Batteries Used for Onboard Power Appl	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

ications						
Zadoffchu sequence based preamble design of fbmc/oqam for 5G	Dr. R. Arthi	IJET	2018	0	Vignana Bharathi Institute of Technology	0
10GHz Charge Pump PLL for Low Jitter Applications	Dr. P. V. Rao	IJET	2018	0	Vignana Bharathi Institute of Technology	0
Theoretical Analysis of CMOS circuits in 90 nm Technology	Dr. D. Lakshmaiah	IJITEE	2019	0	Vignana Bharathi Institute of Technology	0
Biometric attendance system using ARM	Mr. Ch. Rajendra Prasad	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
Dayadi 1bit CMOS FULL ADDER	Ms. J. Manga	SPRINGER	2019	0	Vignana Bharathi Institute of Technology	0
A novel CMOS compressor	Ms. J. Manga	JETIR	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS array and tree multiplier using DSM Technology	Mr. B. Rajeshwari	IFERP	2019	0	Vignana Bharathi Institute of Technology	0
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Prediction based person recognition using face and speech (multi modal) for improved performance	Dr. P. V. Rao	IJET	2018	0	Vignana Bharathi Institute of Technology	0
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Theoretical Analysis of CMOS circuits in 90 nm Technology	Dr. D. Lakshmaiah	IJITEE	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS Array and Tree multiplier using DSM Technology	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
A Secure data packet transmission in wireless sensor network using HECC algorithm and Finding malicious packet	M.Venkateswara Rao	IJET	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

Planning and Design of 250KLD Sewage Treatment Plant	A.Saitheja	International Journal of Emerging Technologies and Innovative Research	2019	0	Vignana Bharathi Institute of Technology	0
Soil Enhancement by using Marble Powder	S. Pushpa Kumari	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	2019	0	Vignana Bharathi Institute of Technology	0
A Multi Factorization Approach in Wireless Sensor Network for efficient communication	M.Venkateswara Rao	JARDC	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
FACILITATING AVOIDANCE AND DETECTION OF AUTOMOBILES MISHAP	M.Venkateswara Rao	IJR	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Brain MRI Image classification for cancer using deep wavelet auto encoder based deep neural network	Sandeep Kumar Sathapathy	IEEE access	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

FAULT LOCATIONS AND DURATIONS USING STATCOM						
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DYNAMIC WIRELESS POWER TRANSFER FOR ELECTRIC VEHICLE CHARGING	V.Jeetender	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	M. Pavani	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
SOLAR POWERED BLDC MOTOR	T.ManiRatnam	International Journal of	2019	0	Vignana Bharathi Institute	0

DRIVE FOR ELECTRIC VEHICLE APPLICATIONS		Research			of Technology, Hyderabad, India	
OPTIMIZATION AND EMPIRICAL MODELLING OF ELECTRICAL PROPERTIES OF AN ADVANCED SODIUM ION BATTERY ELECTROLYTE USING A LINEAR REGRESSION TOOL	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Design, Modelling and Electrical Characterization of Reserve Lithium Thermal Batteries Used for Onboard Power Applications	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Analysis and case study of solar converter for BLDC motor based Drone applications	Dr. S.Rajasekaran	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
SMOTE and ABC optimized RBF network for coping with imbalanced class in EEG signal classification	Sandeep Kumar Sathapathy	IJMEI	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

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Solar based Ten switch UPQC Topology in Power Distribution System	A.Gopala Krushna	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
BASIC MATHEMATICAL DESIGN OF THREE PHASE INDUCTION MOTOR USING MATLAB SIMULINK	M.Sharanya	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Queue stability and low energy for energy harvesting cognitive radio networks	Dr. R. Arthi	IJEEE	2018	0	Vignana Bharathi Institute of Technology	0
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Design of Fuzzy logic system for Cognitive radio network for efficient spectrum design and channel	Ms. Ch. Suneetha	IJET	2018	0	Vignana Bharathi Institute of Technology	0

assignment						
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Analysis and Design of Multilevel inverters for PV systems	J.N Bhanutej	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Planning and modelling of gated Community for middle	M. Mounika	International Journal of Emerging Technologies and	2019	0	Vignana Bharathi Institute of Technology	0

income groups		Innovative Research				
DESIGN AND IMPLEMENTATION OF IOT BASED SMART HOME	A.Sai Subhadra	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
TEMPERATURE BASED HOME AUTOMATION USING RASPBERRY PI	G.Poorna Chandra Rao	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
COMPARATIVE ANALYSIS BETWEEN PI AND FUZZY LOGIC CONTROLLER IN SPEED CONTROL OF PMSM	M.Sai Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Prediction of Customer Attrition using Feature Extraction Techniques and its performance Assessment through dissimilar Classifiers	P.Praveen Kumar	2nd National Conference on Cyber Security, Image Processing, Graphics, Mobilty and Analytics NCCSIGMA 2019	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A survey on user behavior on digital market by mining click stream data	P.Praveen Kumar	International Conference on Computational Intelligence and Informatics2019(ICCII2019) Advances in Intelligent Systems and Computing	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

Web Based AudioVideo Retrieval Algorithm using support vector Machine Classifier	N.Srinivasa Rao	Journal Of Emerging Technologies and Innovative Research(JETIR),Vol 5,Issue 7(ISSN23495162)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Biometric attendance system using ARM	Mr. Ch. Rajendra Prasad	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
Dayadi 1bit CMOS FULL ADDER	Ms. J. Manga	SPRINGER	2019	0	Vignana Bharathi Institute of Technology	0
A novel CMOS compressor	Ms. J. Manga	JETIR	2019	0	Vignana Bharathi Institute of Technology	0
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Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	M. Pavani	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
SOLAR POWERED BLDC MOTOR DRIVE FOR ELECTRIC VEHICLE APPLICATIONS	T.ManiRatnam	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
OPTIMIZATION AND EMPIRICAL	Dr. K.Neelima	International Journal of	2019	0	Vignana Bharathi Institute	0

MODELLING OF ELECTRICAL PROPERTIES OF AN ADVANCED SODIUM ION BATTERY ELECTROLYTE USING A LINEAR REGRESSION TOOL		Research			of Technology, Hyderabad, India	
Design, Modelling and Electrical Characterization of Reserve Lithium Thermal Batteries Used for Onboard Power Applications	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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SMOTE and ABC optimized RBF network for coping with imbalanced class in EEG signal classification	Sandeep Kumar Sathapathy	IJMEI	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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speed wind energy system						
Unique Analytical Modelling of Secure Communication in Wireless Sensor Network to Resist Maximum Threats	Dr. P. V. Rao	IJACSA	2019	0	Vignana Bharathi Institute of Technology	0
Prediction based person recognition using face and speech (multi modal) for improved performance	Dr. P. V. Rao	IJET	2018	0	Vignana Bharathi Institute of Technology	0
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Theoretical Analysis of CMOS circuits in 90 nm Technology	Dr. D. Lakshmaiah	IJITEE	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS Array and Tree multiplier using DSM Technology	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
Solar based Ten switch UPQC Topology in Power Distribution System	A.Gopala Krushna	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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essors using frequency scaling and temperature scaling					of Technology	
Design of low power CMOS borrow save adder and array multiplier	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS 3Input XOR/XNOR Based on voltage scaling,	Dr. D. Lakshmaiah	IJCSEE	2019	0	Vignana Bharathi Institute of Technology	0
Design of High Speed Low Power 1bit CMOS ALU using threshold voltage technique,	Dr. D. Lakshmaiah	IJRCT	2019	0	Vignana Bharathi Institute of Technology	0
BASIC MATH EMATICAL DESIGN OF THREE PHASE INDUCTION MOTOR USING MATLAB SIMULINK	M.Sharanya	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Queue stability and low energy for energy harvesting cognitive radio networks	Dr. R. Arthi	IJEEEE	2018	0	Vignana Bharathi Institute of Technology	0

Zadoffchu sequence based preamble design of fbmc/oqam for 5G	Dr. R. Arthi	IJET	2018	0	Vignana Bharathi Institute of Technology	0
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Theoretical Analysis of CMOS circuits in 90 nm Technology	Dr. D. Lakshmaiah	IJITEE	2019	0	Vignana Bharathi Institute of Technology	0
Biostatistics and Bioinformatics Big Data Analytics Data Mining	M.Suneetha	International Conference Comput Sci Syst Biol 2018, Volume: 11	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Design of low power CMOS borrow save adder and array multiplier	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS 3Input XOR/XNOR Based on voltage scaling,	Dr. D. Lakshmaiah	IJCSEE	2019	0	Vignana Bharathi Institute of Technology	0
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SALIENCY guided wavelet Co mpression for Low Bit rate Image and Video Coding	Mr. P. Vidya Sagar	IJTICES	2018	0	Vignana Bharathi Institute of Technology	0
Climate monitoring system and Transmissi	Mr. K. J. Onesim	IRJET	2018	0	Vignana Bharathi Institute of	0

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Dayadi 1bit CMOS FULL ADDER	Ms. J. Manga	SPRINGER	2019	0	Vignana Bharathi Institute of Technology	0
A novel CMOS compressor	Ms. J. Manga	JETIR	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS array and tree multiplier using DSM	Mr. B. Rajeshwari	IFERP	2019	0	Vignana Bharathi Institute of Technology	0

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Design of Low Power CMOS 3Input XOR/XNOR Based on voltage scaling,	Dr. D. Lakshmaiah	IJCSEE	2019	0	Vignana Bharathi Institute of Technology	0
Design of High Speed Low Power 1bit CMOS ALU using threshold voltage technique,	Dr. D. Lakshmaiah	IJRCT	2019	0	Vignana Bharathi Institute of Technology	0
Extracting Subset of Relevant Features for Breast Cancer to Improve Accuracy	RAJESH SATURI	'International Journal of Innovative Technology and Exploring Engineering' at Volume 8 Issue 11, September	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Process Mining Techniques Analysis on Dataset Event Manifesto	Dr.K.Sreenivasa Rao	Journal of Advanced Research in Dynamical and Control Systems. (ISSN: 1943023X)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A Novel Approach for hiding Sensitive Items in Data mining	Dr.K.Sreenivasa rao	International Journal of Pure and Applied Mathematics ISSN:	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

using correlation		13118080 (printed version) ISSN: 13143395 (online version)				
Queue stability and low energy for energy harvesting cognitive radio networks	Dr. R. Arthi	IJEEE	2018	0	Vignana Bharathi Institute of Technology	0
Disambiguating the Context of the Concept Terms using Concept Hierarchies	Dr. RAJU DARA	International Journal of Innovative Technology and Exploring EVolume8 Issue11, October 2019, ISSN: 22783075 (Scopus Indexed) Engineering (IJITEE),	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Authorship Attribution using Content Features and Ngram Features	Dr. RAJU DARA	International Journal of Engineering and Advanced Technology (IJEAT), Volume8 Issue6S, October 2019, ISSN: 2249 - 8958 (Scopus Indexed) Volume8 Issue6S, October 2019, ISSN: 2249 - 8958 (Scopus Indexed)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

A New Technique for Balancing Load in Cloud Computing Environments	Dr. RAJU DARA	JAC Journal of Analysis and Computation (An International Peer reviewed and UGC Approved Journal)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dharani.V	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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IOT ENABLED WATER QUALITY MONITORING SYSTEM BASED ON PH, TURBIDITY AND TEMPERATURE	Dr. S.Rajsekar	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Transient Stability Enhancement	M. Pavani	International Journal of	2019	0	Vignana Bharathi Institute	0

Design of Single Machine Infinite Bus Power System Using Power System Stabilizer		Research				Vignana Bharathi Institute of Technology, Hyderabad, India	
SOLAR POWERED BLDC MOTOR DRIVE FOR ELECTRIC VEHICLE APPLICATIONS	T.ManiRatnam	International Journal of Research	2019	0		Vignana Bharathi Institute of Technology, Hyderabad, India	0
OPTIMIZATION AND EMPIRICAL MODELLING OF ELECTRICAL PROPERTIES OF AN ADVANCED SODIUM ION BATTERY ELECTROLYTE USING A LINEAR REGRESSION TOOL	Dr. K.Neelima	International Journal of Research	2019	0		Vignana Bharathi Institute of Technology, Hyderabad, India	0
Design of Low Power CMOS Array and Tree multiplier using DSM Technology	Dr. D. Lakshmaiah	ICMPET	2019	0		Vignana Bharathi Institute of Technology	0
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and tree multiplier using DSM Technology					of Technology	
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	M. Pavani	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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OPTIMIZATION AND EMPIRICAL MODELLING OF ELECTRICAL PROPERTIES OF AN ADVANCED SODIUM ION BATTERY ELECTROLYTE USING A LINEAR REGRESSION TOOL	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Design, Modelling and Electrical Characterization of Reserve Lithium Thermal Batteries Used for Onboard Power Applications	Dr. K.Neelima	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Analysis and case	Dr. S.Rajasekaran	International	2019	0	Vignana Bharathi	0

study of solar converter for BLDC motor based Drone applications		Journal of Research			Institute of Technology, Hyderabad, India	
SMOTE and ABC optimized RBF network for coping with imbalanced class in EEG signal classification	Sandeep Kumar Sathapathy	IJMEI	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Type2 fuzzy logic based pitch angle controller for fixed speed wind energy system	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Solar based Ten switch UPQC Topology in Power Distribution System	A.Gopala Krushna	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
COMPARATIVE ANALYSIS BETWEEN PI AND FUZZY LOGIC CONTROLLER IN SPEED CONTROL OF PMSM	M.Sai Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Biostatistics and Bioinformatics Big Data Analytics Data Mining	M.Suneetha	International Conference Comput Sci Syst Biol 2018, Volume: 11	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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OPTIMIZATION AND EMPIRICAL	Dr. K.Neelima	International Journal of	2019	0	Vignana Bharathi Institute	0

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Dayadi 1bit CMOS FULL ADDER	Ms. J. Manga	SPRINGER	2019	0	Vignana Bharathi Institute of Technology	0
A novel CMOS compressor	Ms. J. Manga	JETIR	2019	0	Vignana Bharathi Institute of Technology	0
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Design of Low Power CMOS 3Input XOR/XNOR Based on	Dr. D. Lakshmaiah	IJCSEE	2019	0	Vignana Bharathi Institute of Technology	0

voltage scaling,						
Design of High Speed Low Power 1bit CMOS ALU using threshold voltage technique,	Dr. D. Lakshmaiah	IJRCT	2019	0	Vignana Bharathi Institute of Technology	0
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Process Mining Techniques Analysis on Dataset Event Manifesto	Dr.K.Sreenivasa Rao	Journal of Advanced Research in Dynamical and Control Systems. (ISSN: 1943023X)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A Novel Approach for hiding Sensitive Items in Data mining using correlation	Dr.K.Sreenivasa rao	International Journal of Pure and Applied Mathematics ISSN: 13118080 (printed version) ISSN: 13143395 (online version)	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Authorship Attribution using Content Features and Ngram Features	Dr. RAJU DARA	International Journal of Engineering and Advanced Technology (IJEAT), Volume 8, Issue 6S, October 2019, ISSN: 2249 - 8958 (Scopus Indexed) Volume 8, Issue 6S, October 2019, ISSN: 2249 - 8958 (Scopus Indexed)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
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Web Based	N.Srinivas	Journal Of	2018	0	Vignana	0

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Biometric attendance system using ARM	Mr. Ch. Rajendra Prasad	ICETE	2019	0		Vignana Bharathi Institute of Technology	0
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EHealth Monitoring Using a Centralized Decentralized System	K.Shirisha Reddy	International journal of sensor networks and Data Communications ISSN 20904886, DOI :10.4172/20904886.1000165	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Security Measures in Distributed Approach of Cloud Computing	K.Shirisha Reddy	Cognitive informatics and soft computing Springer	2018	0	JNTUH	0
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convection in nanofluidsaturated porous square cavity containing oxytactic micro organisms	sheker	Nanofluids			Bharathi Institute of Technology, Hyderabad, India	
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Secure Data Accessing Over Cloud Computing Environment Using Hybrid Query	Sridhar Reddy Vulapula	JARDC	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
SMART CALL FORWARDING AND CONDITIONAL SIGNAL MONITORING IN DUOS MOBILE	S.Bhagya Rekha	ACM ICPS (SJR)	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Implementation of Network Monitoring and Automatic Smart Call Forwarding In Duos	S.Bhagya Rekha	IJITEE	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

Mobile						
A Secure data packet transmission in wireless sensor network using HECC algorithm and Finding malicious packet	M.Venkateswara Rao	IJET	2018	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A Multi Factorization Approach in Wireless Sensor Network for efficient communication	M.Venkateswara Rao	JARDC	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
FACILITATING AVOIDANCE AND DETECTION OF AUTOMOBILES MISHAP	M.Venkateswara Rao	IJR	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Brain MRI Image classification for cancer using deep wavelet auto encoder based deep neural network	Sandeep Kumar Sathapathy	IEEE access	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

USING STATCOM						
IOT ENABLED WATER QAULTY MONITORING SYSTEM BASED ON PH, TURBIDITY AND TEMPERATURE	Dr. S.Rajsekar	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM	P.Vara Prasad Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
DYNAMIC WIRELESS POWER TRANSFER FOR ELECTRIC VEHICLE CHARGING	V.Jeetender	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	Dr. Anil Naik	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A Simple Method for Capacitor Voltage Control of Nested Four Level TType Inverter Using SVM	S. Rakesh Reddy	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0

DESIGN AND IMPLEMENTATION OF IOT BASED SMART HOME	A.Sai Subhadra	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
TEMPERATURE BASED HOME AUTOMATION USING RASPBERRY PI	G.Poorna Chandra Rao	International Journal of Research	2019	0	Vignana Bharathi Institute of Technology, Hyderabad, India	0
A novel low power CMOS compressors using frequency scaling and temperature scaling	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
Design of low power CMOS borrow save adder and array multiplier	Dr. D. Lakshmaiah	ICMPET	2019	0	Vignana Bharathi Institute of Technology	0
Design of Low Power CMOS 3Input XOR/XNOR Based on voltage scaling,	Dr. D. Lakshmaiah	IJCSEE	2019	0	Vignana Bharathi Institute of Technology	0
Design of High Speed Low Power 1bit CMOS ALU using threshold voltage technique,	Dr. D. Lakshmaiah	IJRCT	2019	0	Vignana Bharathi Institute of Technology	0
Queue stability and low energy for energy harvesting cognitive radio	Dr. R. Arthi	IJEEEE	2018	0	Vignana Bharathi Institute of Technology	0

networks						
Zadoffchu sequence based preamble design of fbmc/oqam for 5G	Dr. R. Arthi	IJET	2018	0	Vignana Bharathi Institute of Technology	0
Design of Fuzzy logic system for Cognitive radio network for efficient spectrum design and channel assignment	Ms. Ch. Suneetha	IJET	2018	0	Vignana Bharathi Institute of Technology	0
RF Energy and Harvesting for Spectrum management in Cognitive radio networks	Ms. Ch. Suneetha	ICETE	2019	0	Vignana Bharathi Institute of Technology	0
SALIENCY guided wavelet Compression for Low Bit rate Image and Video Coding	Mr. P. Vidya Sagar	IJTICES	2018	0	Vignana Bharathi Institute of Technology	0
Climate monitoring system and Transmission of data without internet	Mr. K. J. Onesim	IRJET	2018	0	Vignana Bharathi Institute of Technology	0
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
SMOTE and	Sandeep	IJMEI	2019	6	0	Vignana

ABC optimized RBF network for coping with imbalanced class in EEG signal classification	Kumar Sathapathy					Bharathi Institute of Technology
Solar based Ten switch UPQC Topology in Power Distribution System	A.Gopala Krushna	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM	Dr. Anil Naik	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM	P.Vara Prasad Reddy	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
DYNAMIC WIRELESS POWER TRANSFER FOR ELECTRIC VEHICLE CHARGING	V.Jeetender	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Transient Stability Enhancement	Dr. Anil Naik	International Journal of	2019	0	0	Vignana Bharathi Institute

t of Single Machine Infinite Bus Power System Using Power System Stabilizer		Research				of Technology
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	M. Pavani	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
SOLAR POWERED BLDC MOTOR DRIVE FOR ELECTRIC VEHICLE APPLICATIONS	T.ManiRatnam	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
OPTIMIZATION AND EMPIRICAL MODELLING OF ELECTRICAL PROPERTIES OF AN ADVANCED SODIUM ION BATTERY ELECTROLYTE USING A LINEAR REGRESSION TOOL	Dr. K.Neelima	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Design, Modelling and Electrical Characterization of Reserve Lithium Thermal Batteries	Dr. K.Neelima	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology

Used for Onboard Power Applications						
Analysis and case study of solar converter for BLDC motor based Drone applications	Dr. S.Rajasekaran	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
BASIC MATHEMATICAL DESIGN OF THREE PHASE INDUCTION MOTOR USING MATLAB SIMULINK	M.Sharanya	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Analysis and Design of Multilevel inverters for PV systems	J.N Bhanutej	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
A Simple Method for Capacitor Voltage Control of Nested Four Level TType Inverter Using SVM	S. Rakesh Reddy	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
DESIGN AND IMPLEMENTATION OF IOT BASED SMART HOME	A.Sai Subhadra	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
TEMPERATURE BASED HOME AUTOMATION USING RASPBERRY PI	G.Poorna Chandra Rao	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
COMPARATIVE ANALYSIS	M.Sai Prasad	International	2019	0	0	Vignana Bharathi

BETWEEN PI AND FUZZY LOGIC CONTROLLER IN SPEED CONTROL OF PMSM	Reddy	Journal of Research				Institute of Technology
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dr. S.Rajasekaran	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dharani.V	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Energy Meter Monitoring and Control with Tamper Prevention System	M. Santosh	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
IOT ENABLED WATER QUALITY MONITORING SYSTEM BASED ON PH, TURBIDITY AND TEMPERATURE	Dr. S.Rajasekaran	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
FABRICATION OF NANO MATERIALS FOR ANTI REFLECTING COATING	Dr. K.Neelima	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Polarization reconfigurable antenna	Dr. Y. Srinivas	IRJET	2018	2	0	Vignana Bharathi Institute of

						Technology
Implementing and analysing FAR and FRR for face and voice recognition (Multimodal) using KNN classifier	Dr. P. V. Rao	IJIUS	2019	8	0	Vignana Bharathi Institute of Technology
Unique Analytical Modelling of Secure Communication in Wireless Sensor Network to Resist Maximum Threats	Dr. P. V. Rao	IJACSA	2019	8	0	Vignana Bharathi Institute of Technology
Prediction based person recognition using face and speech (multimodal) for improved performance	Dr. P. V. Rao	IJET	2018	8	0	Vignana Bharathi Institute of Technology
10GHz Charge Pump PLL for Low Jitter Applications	Dr. P. V. Rao	IJET	2018	8	0	Vignana Bharathi Institute of Technology
Theoretical Analysis of CMOS circuits in 90 nm Technology	Dr. D. Lakshmaiah	IJITEE	2019	5	0	Vignana Bharathi Institute of Technology
Design of Low Power CMOS Array and Tree multiplier using DSM Technology	Dr. D. Lakshmaiah	ICMPET	2019	5	0	Vignana Bharathi Institute of Technology
A novel low power	Dr. D. Lakshmaiah	ICMPET	2019	5	0	Vignana Bharathi

CMOS compressors using frequency scaling and temperature scaling						Institute of Technology
Design of low power CMOS borrow save adder and array multiplier	Dr. D. Lakshmaiah	ICMPET	2019	5	0	Vignana Bharathi Institute of Technology
Design of Low Power CMOS 3Input XOR/XNOR Based on voltage scaling,	Dr. D. Lakshmaiah	IJCSEE	2019	5	0	Vignana Bharathi Institute of Technology
Design of High Speed Low Power 1bit CMOS ALU using threshold voltage technique,	Dr. D. Lakshmaiah	IJRCT	2019	5	0	Vignana Bharathi Institute of Technology
Queue stability and low energy for energy harvesting cognitive radio networks	Dr. R. Arthi	IJEEE	2018	3	0	Vignana Bharathi Institute of Technology
Zadoffchu sequence based preamble design of fbmc/oqam for 5G	Dr. R. Arthi	IJET	2018	3	0	Vignana Bharathi Institute of Technology
Design of Fuzzy logic system for Cognitive radio network for efficient	Ms. Ch. Suneetha	IJET	2018	1	0	Vignana Bharathi Institute of Technology

spectrum design and channel assignment						
RF Energy and Harvesting for Spectrum management in Cognitive radio networks	Ms. Ch. Suneetha	ICETE	2019	1	0	Vignana Bharathi Institute of Technology
SALIENCY guided wavelet Compression for Low Bit rate Image and Video Coding	Mr. P. Vidya Sagar	IJTICES	2018	0	0	Vignana Bharathi Institute of Technology
Climate monitoring system and Transmission of data without internet	Mr. K. J. Onesim	Mr. K. J. Onesim	2018	0	0	Vignana Bharathi Institute of Technology
Built in Self Test Detection For motion Estimation Computing Arrays	Mr. Ch. Rajendra Prasad	IJRET	2018	0	0	Vignana Bharathi Institute of Technology
Biometric attendance system using ARM	Mr. Ch. Rajendra Prasad	ICETE	2019	1	0	Vignana Bharathi Institute of Technology
Dayadi 1bit CMOS FULL ADDER	Ms. J. Manga	SPRINGER	2019	1	0	Vignana Bharathi Institute of Technology
A novel CMOS compressor	Ms. J. Manga	JETIR	2019	1	0	Vignana Bharathi Institute of Technology
Design of Low Power CMOS array	Mr. B. Rajeshwari	IFERP	2019	0	0	Vignana Bharathi Institute

and tree multiplier using DSM Technology						of Technology
Combating data leakage Trojans in commercial and ASIC applications with TDM and random encoding	Mr. N. Sai Ram	IJRAT	2019	0	0	Vignana Bharathi Institute of Technology
Coverage optimization of a VLC based smart room with genetic Algorithm, Springer Optical and wireless Technologies	Mr. Dinesh	SPRINGER	2018	0	0	Vignana Bharathi Institute of Technology
A BRIEF STUDY ON HISTOPATHOLOGICAL IMAGES	RAJESH SATURI	International Journal of Recent Trends in Engineering and Research (IJRTER)	2019	0	0	Osmania university
Extracting Subset of Relevant Features for Breast Cancer to Improve Accuracy	RAJESH SATURI	'International Journal of Innovative Technology and Exploring Engineering' at Volume 8 Issue 11, September	2019	0	0	Osmania university
Process Mining Techniques Analysis on Dataset Event Manifesto	Dr.K.Sreenivasa Rao	Journal of Advanced Research in Dynamical and Control	2018	4	0	Vignana Bharathi Institute of Technology

		Systems. (ISSN: 1943023X)				
A Novel Approach for hiding Sensitive Items in Data mining using correlation	Dr.K.Sreenivasarao	International Journal of Pure and Applied Mathematics ISSN: 13118080 (printed version) ISSN: 13143395 (online version)	2018	4	0	Vignana Bharathi Institute of Technology
Disambiguating the Context of the Concept Terms using Concept Hierarchies	Dr. RAJU DARA	International Journal of Innovative Technology and Exploring Volume 8 Issue 11, October 2019, ISSN: 22783075 (Scopus Indexed) Engineering (IJITEE),	2019	0	0	Vignana Bharathi Institute of Technology
Authorship Attribution using Content Features and Ngram Features	Dr. RAJU DARA	International Journal of Engineering and Advanced Technology (IJEAT), Volume 8 Issue 6S, October 2019, ISSN: 2249 - 8958 (Scopus Indexed) Volume 8 Issue 6S, October 2019, ISSN: 2249 - 8958 (Scopus Indexed)	2019	0	0	Vignana Bharathi Institute of Technology

A New Technique for Balancing Load in Cloud Computing Environments	Dr. RAJU DARA	JAC Journal of Analysis and Computation (An International Peer reviewed and UGC Approved Journal)	2019	0	0	Vignana Bharathi Institute of Technology
Extracting Subset of Relevant Features for Breast Cancer to Improve Accuracy of Classifier	Dr. RAJU DARA	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume8 Issue11, September 2019, ISSN: 22783075 (Scopus Indexed)	2019	0	0	Vignana Bharathi Institute of Technology
Cryptographic Key Exchange Authentication using Two Servers PAKE	Dr. RAJU DARA	International Journal of Engineering and Advanced Technology (IJEAT), Volume8 Issue6S, August 2019, ISSN: 2249 - 8958 (Scopus Indexed)	2019	0	0	Vignana Bharathi Institute of Technology
Process Mining Techniques Analysis on Data set event manifesto	Dr. G.SWAMY	International Journal of Pure and Applied Mathematics ISSN: 13118080 (printed version) ISSN: 13143395	2019	0	0	Vignana Bharathi Institute of Technology

		(online version)				
ONLINE SOCIAL VOTING BY COLLABORATIVE FIELTE RINGBASED RECOMMENDATION USING ADVANCE DEEP LEARNING ALGORITHM	Dr. G.SWAMY	International Journal of advanced science and technology ISSN:20054 238	2019	0	0	Vignana Bharathi Institute of Technology
Process Mining Techniques Analysis on Dataset Event Manifesto	N.Swapna	Journal of Advanced Research in Dynamical and Control Systems. (ISSN: 1943023X)	2018	0	0	Vignana Bharathi Institute of Technology
Educational Data Mining for Student Placement Prediction using Machine Learning Algorithms"	N.Swapna	International Journal of Engineering and Technology(UAE), Vol.7, Issue 1.2 (Special Issue), 2018, Pg. 4346.(ISSN 2227524X).	2018	0	0	Vignana Bharathi Institute of Technology
Educational Data Mining for Student Placement Prediction using Machine Learning Algorithms"	P.Praveen Kumar	International Journal of Engineering and Technology(UAE), Vol.7, Issue 1.2 (Special Issue), 2018, Pg. 4346.(ISSN 2227524X).	2018	0	0	Vignana Bharathi Institute of Technology
Prediction of Customer Attrition using Feature	P.Praveen Kumar	2nd National Conference on Cyber Security, Image Proc	2019	0	0	Vignana Bharathi Institute of Technology

Extraction Techniques and its performance Assessment through dissimilar Classifiers		essing, Graphics, Mobilty and Analytics NCCSIGMA 2019				
A survey on user behavior on digital market by mining click stream data	P.Praveen Kumar	International Conference on Computational Intelligence and Informatics2019(ICCII2019) Advances in Intelligent Systems and Computing	2019	0	0	Vignana Bharathi Institute of Technology
Web Based AudioVideo Retrieval Algorithm using support vector Machine Classifier	N.Srinivasa Rao	Journal Of Emerging Technologies and Innovative Research(JETIR),Vol 5,Issue 7(ISSN23495162)	2018	0	0	Vignana Bharathi Institute of Technology
Biostatistics and Bioinformatics Big Data Analytics Data Mining	M.Suneetha	International Conference Comput Sci Syst Biol 2018, Volume: 11	2018	0	0	Vignana Bharathi Institute of Technology
Survey: Machine Learning Based Strategies on Imbalanced Datasets	Raj Shekar	International Conference On Cognitive Computing and Big Data Analytics	2018	0	0	Vignana Bharathi Institute of Technology
Kernel filtering for MultiLevel integrity	K.Shirisha Reddy	International Journal of Engineering and	2019	2	0	Vignana Bharathi Institute of Technology

verification approach for cloud data storage		Advanced Technology (IJEAT) ISSN: 22498958, Volume8 Issue5				
EHealth Monitoring Using a Centralized Decentralized System	K.Shirisha Reddy	International journal of sensor networks and Data Communications ISSN 20904886, DOI :10.4172/20904886.1000165	2019	2	0	Vignana Bharathi Institute of Technology
Security Measures in Distributed Approach of Cloud Computing	K.Shirisha Reddy	Cognitive informatics and soft computing Springer	2018	2	0	JNTUH
Seismic and Wind analysis of a multi storey building (G12) by using ETABS software	C.V.Siva Rama Prasad	International Journal of Emerging Technologies and Innovative Research	2019	0	0	Vignana Bharathi Institute of Technology
Earthquake and wind analysis of multistory building using stad.pro	C.V.Siva Rama Prasad	International Journal of Emerging Technologies and Innovative Research	2019	0	0	Vignana Bharathi Institute of Technology
Analysis And Design of G 20 Residential RCC Building by Using Etabs in Zone II	C.V.Siva Rama Prasad	International Journal of Emerging Technologies and Innovative Research	2019	0	0	Vignana Bharathi Institute of Technology
A Predictory Study on	G. Naresh Kumar Reddy	International Journal of	2018	0	0	Vignana Bharathi Institute

Load Carrying Capacity of RCC Structures Subjected to Fire		Management , Technology and Engineering				of Technology
Correlation of ultrasonic pulse velocity and the volume analysis of marshall mix design	G. Karthik	International Journal for Research in Engineering Application Management (IJREAM)	2019	0	0	Vignana Bharathi Institute of Technology
Planning and Design of 250KLD Sewage Treatment Plant	A.Saitheja	International Journal of Emerging Technologies and Innovative Research	2019	0	0	Vignana Bharathi Institute of Technology
Soil Enhancement by using Marble Powder	S. Pushpa Kumari	International Journal for Research in Applied Science and Engineering Technology(IJRASET)	2019	0	0	Vignana Bharathi Institute of Technology
Planning and modelling of gated Community for middle income groups	M. Mounika	International Journal of Emerging Technologies and Innovative Research	2019	0	0	Vignana Bharathi Institute of Technology
Comparative study of mechanical Properties of shc with and without Partial replacement of fly ash in Extreme	M. Mounika	International Journal of Emerging Technologies and Innovative Research	2019	0	0	Vignana Bharathi Institute of Technology

conditions						
Comparative Study of Light Weight Floating Bricks with Clay Brick	C.Mounika	International Journal of Information and computing science	2019	0	0	Vignana Bharathi Institute of Technology
Strength Aspects of Flyash based Geo Polymer concrete	G. Mounika	International Journal of Emerging Technologies and Innovative Research	2019	0	0	Vignana Bharathi Institute of Technology
Experimental Investigation on Partial Replacement of Cement with Eggshell Powder in Concrete	G. Mounika	International Journal of Emerging Technologies and Innovative Research	2019	0	0	Vignana Bharathi Institute of Technology
Experimental Investigation on behavior of bamboo as reinforcement in structural concrete elements	G. Bhogayya Naidu	International Journal of Emerging Technologies and Innovative Research	2019	0	0	Vignana Bharathi Institute of Technology
Experimental Investigation on glass powder and fly ash as partial replacement of cement for sustainable concrete	C. Mounika	Suraj punj journal for multidisciplinary research	2019	0	0	Vignana Bharathi Institute of Technology
Soil Enhancement by using Marble Powder	G. Naresh Reddy	International Journal for Research in Applied Science	2019	0	0	Vignana Bharathi Institute of Technology

		and Engineering Technology(IJRASET)				
Enhancement of Soil characteristics using glass fibers	M. Raviteja	International Journal of Emerging Technologies and Innovative Research	2019	0	0	Vignana Bharathi Institute of Technology
TEMPERATURE BASED HOME AUTOMATION USING RASPBERRY PI	G.Poorna Chandra Rao	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
COMPARATIVE ANALYSIS BETWEEN PI AND FUZZY LOGIC CONTROLLER IN SPEED CONTROL OF PMSM	M.Sai Prasad Reddy	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dr. S.Rajasekaran	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dharani.V	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Energy Meter Monitoring and Control with Tamper Prevention	M. Santosh	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology

System						
IOT ENABLED WATER QAULITY MONITORING SYSTEM BASED ON P H, TURBIDIT Y AND TEMP ERATURE	Dr. S.Rajs ekaran	Internatio nal Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
FABRICATIO N OF NANO MATERIALS FOR ANTI REFLECTING COATING	Dr. K.Neelima	Internatio nal Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Polarizati on reconfi gurable antenna	Dr. Y. Srinivas	IRJET	2018	2	0	Vignana Bharathi Institute of Technology
Implementi ng and analysing FAR and FRR for face and voice reco gnition (M ultimodal) using KNN classifier	Dr. P. V. Rao	IJIUS	2019	8	0	Vignana Bharathi Institute of Technology
Unique Analytical Modelling of Secure Communicat ion in Wireless Sensor Network to Resist Maximum Threats	Dr. P. V. Rao	IJACSA	2019	8	0	Vignana Bharathi Institute of Technology
Prediction based person rec ognition using face and speech (multi modal) for improved p erformance	Dr. P. V. Rao	IJET	2018	8	0	Vignana Bharathi Institute of Technology

Brain MRI Image classification for cancer using deep wavelet auto encoder based deep neural network	Sandeep Kumar Sathapathy	IEEE access	2019	6	0	Vignana Bharathi Institute of Technology
SMOTE and ABC optimized RBF network for coping with imbalanced class in EEG signal classification	Sandeep Kumar Sathapathy	IJMEI	2019	6	0	Vignana Bharathi Institute of Technology
Solar based Ten switch UPQC Topology in Power Distribution System	A.Gopala Krushna	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Challenges and Implications of Virtual ELearning in EFL Context: Perceptions of Teachers	N. George Mathew	International Journal of English Language Teaching	2019	4	0	Vignana Bharathi Institute of Technology
Bio convection in nanofluidsaturated porous square cavity containing oxytactic micro organisms	B. Chandrasheker	J . Nanofluids	2019	5	0	Vignana Bharathi Institute of Technology
Magnetohydrodynamic nanofluid flow and	B. Chandrasheker	I.JNMHF	2019	5	0	Vignana Bharathi Institute of

heat transfer in a porous cavity containing heated surface						Technology
Analysis of temperature profile on friction stir welded Aa6061 and Aa7075 aluminium alloys	Dr. G. Amarendar Rao, Y. Anuradha	IJRAT	2019	1	0	Vignana Bharathi Institute of Technology
A review of renewable energy resources, technologies and energy efficiency methods	Dr. G. Amarendar Rao	IJRAT	2019	1	0	Vignana Bharathi Institute of Technology
Improvement in the mechanical properties of neat GFRPs with multiwalled CNT	Kishor Kumar Panchgnula	JMRT	2018	2	0	Vignana Bharathi Institute of Technology
Drilling on fiber reinforced polymer /nanopolymer composite laminates: a review	Kishor Kumar Panchgnula	JMRT	2018	2	0	Vignana Bharathi Institute of Technology
Design and analysis of Fin locking mechanism for missile applications	Venkateshwar Rao.R	Conference	2019	1	0	Vignana Bharathi Institute of Technology
Experimental investigation on	Venkateshwar Rao.R	JMRT	2019	1	0	Vignana Bharathi Institute

mechanical properties of thick dissimilar Alalloy joints fabricated by friction stir process,						of Technology
Optimization and analysis of multi tool arbor	Madhavi M	IJSRET	2018	0	0	Vignana Bharathi Institute of Technology
Microstructural and hardness behavior of hybrid composites prepared by powder metallurgy method	Sampath V	IJITEE	2018	0	0	Vignana Bharathi Institute of Technology
Review on Privacy Preserving of Medical Data in Cloud Computing System	Sridhar Reddy Vulapula	IJPHRD	2018	1	2	Vignana Bharathi Institute of Technology
Secure Data Accessing Over Cloud Computing Environment Using Hybrid Query	Sridhar Reddy Vulapula	JARDC	2018	1	0	Vignana Bharathi Institute of Technology
SMART CALL FORWARDING AND CONDITIONAL SIGNAL MONITORING IN DUOS MOBILE	S.Bhagya Rekha	ACM ICPS (SJR)	2019	1	0	Vignana Bharathi Institute of Technology
Implementation of Network Monitoring and Automat	S.Bhagya Rekha	IJITEE	2019	1	0	Vignana Bharathi Institute of Technology

ic Smart Call Forwarding In Duos Mobile						
A Secure data packet transmission in wireless sensor network using HECC algorithm and Finding malicious packet	M.Venkateswara Rao	IJET	2018	1	0	Vignana Bharathi Institute of Technology
A Multi Factorization Approach in Wireless Sensor Network for efficient communication	M.Venkateswara Rao	JARDC	2019	1	0	Vignana Bharathi Institute of Technology
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM	Dr. Anil Naik	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
INVESTIGATION OF STABILITY OF FIXED SPEED WIND FARM FOR DIFFERENT FAULT LOCATIONS AND DURATIONS USING STATCOM	P.Vara Prasad Reddy	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology

DYNAMIC WIRELESS POWER TRANSFER FOR ELECTRIC VEHICLE CHARGING	V.Jeetender	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	Dr. Anil Naik	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Transient Stability Enhancement of Single Machine Infinite Bus Power System Using Power System Stabilizer	M. Pavani	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
SOLAR POWERED BLDC MOTOR DRIVE FOR ELECTRIC VEHICLE APPLICATIONS	T.ManiRatnam	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
OPTIMIZATION AND EMPIRICAL MODELLING OF ELECTRICAL PROPERTIES OF AN ADVANCED SODIUM ION BATTERY ELECTROLYTE USING A LINEAR REGRESSION	Dr. K.Neelima	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology

TOOL						
Design, Modelling and Electrical Characterization of Reserve Lithium Thermal Batteries Used for Onboard Power Applications	Dr. K.Neelima	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Analysis and case study of solar converter for BLDC motor based Drone applications	Dr. S.Rajasekaran	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
BASIC MATHEMATICAL DESIGN OF THREE PHASE INDUCTION MOTOR USING MATLAB SIMULINK	M.Sharanya	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Analysis and Design of Multilevel inverters for PV systems	J.N Bhanutej	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
A Simple Method for Capacitor Voltage Control of Nested Four Level TType Inverter Using SVM	S. Rakesh Reddy	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
DESIGN AND IMPLEMENTATION OF IOT BASED	A.Sai Subhadra	International Journal of Research	2019	0	0	Vignana Bharathi Institute of

SMART HOME						Technology
TEMPERATURE BASED HOME AUTOMATION USING RASPBERRY PI	G.Poorna Chandra Rao	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
COMPARATIVE ANALYSIS BETWEEN PI AND FUZZY LOGIC CONTROLLER IN SPEED CONTROL OF PMSM	M.Sai Prasad Reddy	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dr. S.Rajasekaran	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
DESIGN AND IMPLEMENTATION OF HYBRID MODEL FOR ELECTRICAL POWER GENERATION ON HIGHWAYS	Dharani.V	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Energy Meter Monitoring and Control with Tamper Prevention System	M. Santosh	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
IOT ENABLED WATER QUALITY MONITORING SYSTEM BASED ON PH, TURBIDITY AND TEMPERATURE	Dr. S.Rajasekaran	International Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology

FABRICATIO N OF NANO MATERIALS FOR ANTI REFLECTING COATING	Dr. K.Neelima	Internatio nal Journal of Research	2019	0	0	Vignana Bharathi Institute of Technology
Polarizati on reconfi gurable antenna	Dr. Y. Srinivas	IRJET	2018	2	0	Vignana Bharathi Institute of Technology
Implem ting and analysing FAR and FRR for face and voice reco gnition (M ultimodal) using KNN classifier	Dr. P. V. Rao	IJIUS	2019	8	0	Vignana Bharathi Institute of Technology
Unique Analytical Modelling of Secure Communicat ion in Wireless Sensor Network to Resist Maximum Threats	Dr. P. V. Rao	IJACSA	2019	8	0	Vignana Bharathi Institute of Technology
Prediction based person rec ognition using face and speech (multi modal) for improved p erformance	Dr. P. V. Rao	IJET	2018	8	0	Vignana Bharathi Institute of Technology
FACILITATI NG AVOIDANCE AND DETECTION OF AUTOMOB ILES MISHAP	M.Venkates wara Rao	IJR	2019	1	0	Vignana Bharathi Institute of Technology
Brain MRI Image clas sification	Sandeep Kumar Sathapathy	IEEE access	2019	6	0	Vignana Bharathi Institute

for cancer using deep wavelet auto encoder based deep neural network					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
Presented papers	98	4	2	0
Resource persons	0	1	2	0
Attended/Seminars/Workshops	29	22	2	1

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
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No Data Entered/Not Applicable !!!

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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
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No Data Entered/Not Applicable !!!

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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Distribution of blankets	Street Cause VBIT	5	25
Installation of RO purifier	Street Cause VBIT	5	30
Blood donation camp	NSS VBIT	75	500
Distribution of grocery	Street Cause VBIT	5	45
Training to ZP school students	IEEE Women in Engg	2	25

Plantation drive	NSS VBIT	20	200
Medical camp at venkatapur village	Street Cause VBIT	4	50
Distribution of first aid kits Street Cause VBIT	Street Cause VBIT	2	45
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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
Activities done in 2018	Dedicated Division	Street Cause Hyderabad section	150
Activities done in 2018	Out Standing Division President award	Street Cause Hyderabad section	150
No file uploaded.			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Out reach activity	Street cause	Distribution of blankets	5	50
Out reach activity	Street cause	Installation of RO purifier	4	35
Out reach activity	Street cause	Distribution of grocery	5	40
Out reach activity	Street cause	Medical camp at venkatapur village	5	100
No file uploaded.				

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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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

Assessment partner	Industry Assessment	Cocubes	09/07/2018	20/04/2019	IV year students
Academy	Student Networking Academy	CISCO Netacad	09/07/2018	20/04/2019	II, III, IV ys students
Academy	Student Academy Program	SAP Student Academy Program	21/01/2019	23/03/2019	IV yr students
Skill partner	opportunities Platform	TASK	09/07/2018	20/04/2019	II, III, IV ys students
Academy	Student Academy Program	MICROCHIP ACADEMIC PROGRAMME	09/07/2018	20/04/2019	III, IV yr students
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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
TiE Hyderabad	03/04/2019	Entrepreneurship Development	250
ICT Academy	25/07/2018	FDPs to Faculties ,Dell EMC Bigdata Analytics course	550
CISCO Netacad	28/02/2018	Employability Enhancement through technical training	3015
Nucleus Vision LLC(Eleven01 Labs)	25/07/2018	Mentor Connect,Bootcamps Hackathons,Corporate Challenges,International Contests,Entrepreneurship Development	200
SAP Student Academy Program	21/01/2019	SAP Education and TASK together strives towards providing employabilityenhancement SAP skills and Certification programs.	120
Idea Labs	03/10/2018	Mentor Connect,Bootcamps Hackathons,Corporate Challenges,International Contests.	150
ISB TEP	18/12/2018	program is tailored specifically to motivate and generate interest	50

		in entrepreneurship among 3rd and 4th year engineering students.	
AWS Academy	04/02/2019	Training certifying students on AWS Certified Cloud Practitioner.	253
MIROCHIP ACADEMIC PROGRAMME	13/02/2019	Training Certification on Microchip Products and technologies	122
Cocubes	31/07/2018	Assessment of Students performance	700
Auto DeskRivet Course Integration	23/11/2018	Training Certification on Auto DeskRivet Course	57
Auto Desk Fusion 360	23/11/2018	Training Certification on Auto Desk Fusion 360	64
TASK Makerspace 3D printing	08/02/2019	Training and Competition	50
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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
294	144

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Newly Added
Seminar Halls	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Newly Added

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
ecap	Fully	2019	2011

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

Text Books	35706	11307877	1550	700199	37256	12008076
Reference Books	8611	1045711	212	202675	8823	1248386
e-Books	207909	22175	800	5900	208709	28075
Journals	1994	2295300	166	330945	2160	2626245
e-Journals	2525	2928814	175	544965	2700	3473779
CD & Video	3221	15000	72	2500	3293	17500

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

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

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	1084	28	4	1	1	50	35	110	15
Added	0	0	4	0	0	10	10	20	2
Total	1084	28	8	1	1	60	45	130	17

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

130 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
ecap	http://172.168.150.3/ecap/main.aspx#

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
15	15.17	70	75.43

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)

Institute reserve approximately 710 (of the cost of instruments) budget for the purpose of maintenance and upkeep of the facilities like building, furniture, equipment, computers, vehicles etc. Central Facilities: Following Central facilities are being monitored centrally: Internet Canteen Transport

Maintenance Hostel Healthy Centre Building Hygiene: Sweepers and a supervisor are allotted for a particular area. All the sweepers are required to sign in the register at the supervisor to confirm that he/she has done the duty. The supervisor should attest the same. Duties of Sweepers: Cleaning of class rooms, corridors, floor cleaning of laboratories, staff rooms and other areas allotted. Dusting of furniture and windows in the class rooms and also cleaning of glass boards. (However, dusting of departmental furniture/equipment/machines shall be done by department attenders and lab technicians.) Swabbing of corridors Clearing cobwebs in the corridors, class rooms and other areas, except department labs. Supervisors shall personally monitor the work and lock the class rooms after he is satisfied with the work Toilet Hygiene: Each toilet is to be cleaned four times a day, which should be checked by supervisor concerned. Care is taken in providing exhaust fans, daily cleaning with phenol or detergents, use of naphthalene balls. Class Rooms: Use of nondust chalks. Daily sweeping of class rooms. Wet cloth cleaning of benches (at least twice a week). Black board cleaning (with wet cloth daily). Provision of dust bins in each class room. Floors: Daily sweeping and cleaning with wet cloths to ensure dustfree surrounding. Provision of common dust bins at various locations in each floor. The following registers shall be maintained for the above: Requisition form and register Complaints register and file Laboratories - Maintenance Utilization: Preventive maintenance is followed. Periodical checkups and calibration of equipment in all laboratories to make sure smooth conduct of all the lab hours. Depending on the experiment, one, two or a maximum of three students perform a single experiment with common set of apparatus. Additional experiments are designed to utilize all the equipment available in the lab. Stock verification is being conducted in all laboratories every year. Computing Facilities: Computing facilities are provided as per the AICTE norms, even extra computers are provided to meet the practical requirements. Internet connectivity with a total of 22 Mbps band width is provided. All the computer systems in the college are on LAN with OFC backbone. Computing facilities are made available to the students for at least 8 hours a day and WiFi enabled facility shall be provided. The number of computers to be made available will be as per the requirements. A team of technicians with a faculty incharge takes care for the maintenance of computers. Necessary Licensed software is procured. Servers like LINUX, WINDOWS, Web Servers, Database etc., are provided. Additional projects are taken up by the students for optimum utilization of the facilities.

<http://http://vbithyd.ac.in/infrastructure/>

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	Financial support in transport and tuition fee for weaker section students	67	595000
Financial Support from Other Sources			
a) National	0	0	0
b) International	0	0	0
No file uploaded.			

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Campus recruitment training scheme	17/12/2018	580	Career launcher
Campus recruitment training scheme	17/12/2018	200	KEN Academy
Soft skill personality development scheme	01/10/2018	780	Swayam
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	GATE training	50	750	2	0
2019	Career counseling	360	360	29	185
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
16	16	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
06	400	52	36	450	134
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	74	B.Tech	ECE CSE IT ME CE	SAGE overseas	MS
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
GRE	50
TOFEL	24
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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
Nirnetha Sports Fest volley ball (Men women)	National level	276
Nirnetha Sports Fest Basket ball (Men women)	National level	216
Nirnetha Sports Fest Throw ball	National level	144
Nirnetha Sports Fest Cricket	National Level	448
Nirnetha Sports Fest Kabaddi (Men women)	National level	240
Nirnetha Sports Fest Football	National level	240
VBIT intramurals Cricket	Institute level	450
VBIT intramurals Volleyball	Institute level	216
VBIT intramurals Kabaddi	Institute level	240
VBIT intramurals Badminton	Institute level	40
VBIT intramurals Basket ball	Institute level	144
VBIT intramurals Football	Institute level	75
VBIT intramurals Throwball	Institute level	96
VBIT intramurals Tennikoit	Institute level	20
VIBHAAnnual day celebrations	Institute level	1000
No file uploaded.		

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	University representa	National	3	2	MBA M.tech	somasekhar shravan

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

The policies and strategies of the institution which promote participation of students in extracurricular and cocurricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc. 1. Establishment of Student Activity Center (SAC) College has established 22 student forums under Student Activity Center (SAC). SAC is having the following facilities: Separate bank account for each forum Exclusive faculty coordinator for each forum Exclusive meeting room with LCD, AC, Computer systems and Wifi connectivity Exclusive supporting staff STUDENT ACTIVITY CENTRE: 1. IEEE Student Branch 2006 2. IETE Student Forum 2008 3. ECE Branch Association 2008 4. CSE IT Branch Association 2008 5. EEE Branch Association 2008 6. MECH Branch Association 2011 7. Management Aptitude Club (MBA) 2008 8. CIVIL Branch Association 2013 9. Women in Engineering (IEEE) 2011 10. Computer Society Chapter (IEEE) 2011 11. Power Electronics Society(IEEE) 2011 12. Communication Society (IEEE) 2011 Due consideration in respect of attendance for students participating in important literary, cultural or sports events outside the college. Provision of sports kit/sport uniform to all the participants Conducts inter collegiate tournaments, cultural competitions by organizing state level fest known as XYLYX, AVISHKAR, and VIBHA every year. Conducts coaching camps to enhance their capabilities in sports and games events. Honoring all the winners/JNTUH team members with special appreciation on annual day Various "Awards" are given in the tournaments and competitions conducted in and outside the college Extra support in academics: Additional academic support is provided for all those students participating in extra curricular activities in the form of arranging compensation classes. Faculty in charge of the respective forum maintains the record of classes which students could not attend and due consideration is given in respect of attendance for the students participating in important literary, cultural or sports events outside the college. When the dates of Inter University events are clashing with the time table of internal examination, as per the guidelines of University, College conducts reexamination for the concerned students. 1. Fulfillment of requirement: College provides sports uniform to all the students participating in the intercollegiate/inter University events Provides Sports Track Suit to students for participating in major tournaments. Encourages participation in inter collegiate tournaments conducted in Volleyball, Basketball, Tennis, TableTennis, Athletics etc., Presents merit certificates and mementoes to winners and runners in intramural competitions for boys girls at College Annual Sports Day celebrations. Encourages participation in cocurricular activities. Provides TA, DA to students participating in extracurricular and co curricular activities such as sports, games, Quiz competitions, debate etc

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

VBIT Alumni Association (Reg. No. 462/2013) The greatness of the institute lies in spreading their students throughout the world. It is also important that the institute keeps student and faculty family in a closed net so that the knowledge is shared all the time and in future times to come. The institutional strength gets multiplied through this global net with the support provided. V.B.I.T believes this concept and hence building its Alumni. The students from abroad/other parts of the country are sharing their strengths to the institution with full affinity. In order to keep all the strings in the proper form couple of smart faculty and students were identified as a Alumni team

leads with an Email link for correspondence on 24/7 basis. The institute has excellent database for Alumni and all for its functions. The Email link is Email ID: alumni@vbithyd.ac.in Alumni meet is conducted once in a year. A profile book of Alumni is being released every year institution network and collaboration with the Alumni : Institute has a registered Alumni Association, which conducts an annual meeting The members of Alumni Association are regularly interact with Principal, Vice Principal and TPO regarding the need of the Institute and their expectations from alumni The members of college administration and the senior faculty of all the departments participate in the annual or semiannual alumni meetings on invitation and seek their advice and support for the development of the institution. The Departments seek the opinion / suggestions of alumni on various developmental activities by sending mails to them and requesting them to fill the pro forma supplied in this regard. An alumni portal is created in the college website for better interaction between the college and alumni. The members of various professional bodies and technical forums invite alumnus in workshops and seminars as resource persons

5.4.2 – No. of registered Alumni:

350

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

10000

5.4.4 – Meetings/activities organized by Alumni Association :

Periodic interactions with alumni are organized by various student forums. The suggestions given by alumni play an important role while designing the policies at different levels

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)

Governing Body, the highest body of policy making, meets periodically to discuss various issues and aspects related to the development of the college. It includes considering and approving the institution strategic plan which sets the academic aims and objectives of the institution and identifies the financial, physical and staffing strategies. Governing body considers the recommendations of various Department Advisory Committees (DAC) College Academic Council (CAC) and it chalks out a road map to achieve the goals of the institute College academic council is formed to discuss the academic matters of the college. Members of the council give their suggestions and directions for the smooth running of the college in academic aspect Dean Directors: To help the Principal in his administration, college identified four broad areas for academic and administrative excellence and each area is headed by a Director. Apart from this, institute has appointed a Dean to help in setting up proper academic administrative structure Major functional areas of Dean are as follows: 1. Training awareness about proposed Autonomous status 2. Strengthening of examination section 3. Strengthening the functional units like Central Library Hostel There are four Directors, namely i) Director - Academics ii) Director - Internal Quality Assurance Cell (IQAC) iii) Director - Student Activity Centre (SAC) iv) Director - Research and Development (RD) Departmental Advisory committee: The Institute has constituted Department Advisory Committees for each branch of Engineering .The Committee Consists of Principal, Head of the Department, senior faculty member in the Department and two experts from Industry. The DAC gives guidelines related to following areas Program

Educational Objectives and Program Outcomes Academic plans preparation by faculty members for their respective courses allotted by the Department Thrust areas to conduct Co Curricular activities Topics beyond the syllabus and additional experiments to meet PEOs and Pos Functioning of Centre of Excellence/Incubation Centre

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Being an affiliated to University, Institute has several restrictions in designing of curriculum. It has evolved an executive mechanism to address this issue and formed Department Advisory Committee (DAC) in each Department. To strengthen the teaching learning process for fulfilment of Program Outcomes of the respective Department is the main agenda of DAC meetings. DAC consists of Principal, HOD, Senior Professor and two experts from Industry and Academia.
Teaching and Learning	Institute has developed well thought teaching learning process and twofold evaluation process: Preparation, Execution and assessment of Academic plan is the most striking feature of the teaching learning process adopted by the Institute. Faculty members prepares an academic plan (based on prescribed format) for their respective courses before commencement of the semester. They present these plans in presentation session and explain their strategy to deal with a course. Head of the Department and senior professors modify this plan if required. the plan contains course outcomes, mapping of the COs with POs and PSOs, add on content to bridge the curriculum gaps, lecture schedule and delivery plan, assignments and tutorial questions etc. Teachers are encouraged to use innovative methods for effective delivery of curriculum like creating their own blogs, creation of interactive groups and virtual discussion forums. IQAC has developed a full proof mechanism to check the quality and timebound delivery of all academic activities in the Institute. Research,
Examination and Evaluation	Periodic Evaluation forms the backbone

of entire teaching learning process Administration, Students, faculty members and parents are four important stakeholders of this process Academic section of which the Examination branch is an integral part, is always in contact with JNTUH regarding rules and regulations of the evaluation process Evaluation takes place at two levels: Internal and External The general rules are published in the handbook of the Institute Changes in the rules are informed to faculty members in the Departmental or central meetings or by circulars. Students are informed about the same by displays on notice board and website.SMS alerts are send to parents through ECap portal The result of evaluations are made available on ECap Students can assess the information regarding their performance through login facility on ECap Training and Placement Cell keep the track of academic record of the students for placement assistance to them Mentors are advised to use the information (performance of the student) available on ECap while counseling the respective student. Salient features of this process are: Two phases of evaluation Internal and External Distribution of marks 25 and 75 Assignments are evaluated as Internal evaluation Mini and Major projects are also evaluated on Internal and External basis

Research and Development

The Institute has established its exclusive research development centre in the year 2010 with a view to promote research activity in all the Departments and to spread research culture among staff and students. Jawaharlal Nehru Technological University (JNTUH) has recognized VBIT as a Research Centre in Space Physics in the year 201112. There are two major research projects (~ 65 lakhs) sponsored by Indian Space Research Organization (ISRO) which are completed by the research centre in association with various Engineering Departments. Two fulltime Research scholars have completed while two are pursuing their Ph.D. work under various projects. One postdoctoral Fellow is associated with the Centre. Mini Boundary Layer Mast (MBLM) set up by ISRO, A dual frequency receiver which operates in L1 and L2

	bands (1.2 to 1.5 GHz frequency) with GPS antenna installed by NARL, Project labs, Multidisciplinary research lab sponsored by DST under FIST program are the various research facilities available at Institute. Recently fund were received from AICTE regarding MODROBS scheme for EEE dept and FDP for CSE dept.
Library, ICT and Physical Infrastructure / Instrumentation	All the Departments and all the computer labs are provided with internet facility. The college has 10 WiFi enabled zones. Each Department has an exclusive well equipped seminar hall and eclassroom. Library is having interactive portal through which students and faculty members can access any required information. Availability of teaching aids like OHP, LCD projectors, Internet enabled computer systems. Availability of computer software packages for analysis and experimental work of the projects of the students Faculty members prepare and upload the academic plan of their respective subject(s) on ECAP which can be accessed by students of the respective class Many faculty members' gives assignments and tutorials online to the students along with the list of the topics covered in that particular unit and also hints to solve problems.
Industry Interaction / Collaboration	Various industry sponsored labs were established as a part of value added programs like CISCO, Auto Desk etc

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

E-governance area	Details
Planning and Development	ECAP is an exclusive facility ?To monitor students' attendance, ?Maintain a record of performance ?Accessing the biometric attendance of all the faculty members?Maintaining the inventory of all the central facilities of the college
Administration	ECAP Maintains administration record of all employees of the institute.
Finance and Accounts	ECAP maintains Finance and Accounts details regarding fee collection from students and salary payment for employees
Student Admission and Support	ECAP maintains admission data of students perfectly

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	CH S L N SRIDHAR(HS)	INFLUENCE OF NB5DOPING IN MNZN NAOFERRITES	Conference	10000
2018	DR B CHANDRA SEKHAR	20TH INTERNATIO NALCONFERENCE OF INTERNATIONAL A CADEMYOFPHYSIC AL SCIENCES, NAD APPLIED MECHANICS	ICIAPS	2000
2018	DR B CHANDRA SEKHAR(HS)	JOURNAL OF PROCESS MECHANICAL ENGINEERING, DEPT MATHS, MAG NETOHYRODYNAMIC CONVENTION	JPMER	10000
2018	DR MD SAAUDDIN	E G U, JOURNAL, INRERTIA, GRAVITY WAVE PARAMETRES ETC SIC JOURNAL,	JIGWP	10000
2018	K BHANU PRASAD(CIVIL)	ASCE INDIA CONFERENCE	ASCEIC	2000
2019	DR K NEELIMA(EEE)	N B A ACCREDITATION WORK SHOP ATENGINEERING STAFF COLLEGE	ESIC	21240
2018	DR R ARTHI	IJETS P COINDEX BY SCOPUS PAPER PUBLICATION	IJETS	5000
2019	DR ARTHI	IEEE INTERNATIONAL CONFERENCEON NEW TRENDS IN ENG TECHNOLOGY	ITNCET	12000

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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	Title of the administrative training	From date	To Date	Number of participants (Teaching	Number of participants (non-teaching
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	programme organised for teaching staff	programme organised for non-teaching staff			staff)	staff)
2019	"Role of Teacher as a Mentor in Professional Institutions	"Role of Teacher as a Mentor in Professional Institutions	26/01/2019	26/01/2019	220	100
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Threeday National Level Workshop on Machine Learning and its Applications	2	28/11/2018	30/11/2018	3
01 month faculty induction programme	2	03/12/2018	31/12/2018	28
5 Day Faculty Development Program on Autodesk Revit Architecture	2	29/04/2019	03/05/2019	6
Faculty Development Program on Mobile App Development	1	29/01/2019	02/02/2019	5
2 Day FDP on Introduction to Big Data Analytics conducted by ICT Academy	2	04/12/2018	05/12/2018	2
Faculty Development Program on Engineering Research Methodologies	1	01/03/2019	06/03/2019	5
One Week Faculty Development	1	01/07/2019	06/07/2019	6

Programme on COMPOSITE MATERIALS : 'An Emerging Alternative to Engineering Applications'				
One week FDP on "Cellular Mobile Communication Networks"	1	25/06/2018	30/06/2018	6
FDP on System Design Aspects of IOT	2	25/06/2018	02/07/2018	7
One week FDP on 5G Communications	1	11/06/2018	15/06/2018	5
One week FDP on Latest Trends in VLSI Design and handson implementation using Cadence EDA tools	2	18/06/2018	23/06/2018	6
FDP on System Design Aspects in IOT	1	25/06/2018	26/06/2018	2
FDP on Aspects on Design and Analysis of Analog Electronic Circuits with Handson Sessions Using MULTISM	2	25/06/2018	30/06/2018	6
6day FDP on Autodesk Revit Architecture	3	12/06/2018	17/06/2018	6
5Day FDP on Effective Teaching and Learning practices for Design and Operation of waste water Treatment systems	1	09/04/2018	13/04/2018	5
3Day FDP on Geospatial Applications in Civil	1	13/06/2018	15/06/2018	3

Engineering				
1 week FDP on FEM and Abaqus Software	7	26/06/2018	30/06/2018	5
FDP on Software applications in Civil Engineering Beyond Curriculum	3	17/12/2018	20/12/2018	4
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
252	252	112	112

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
PF	ESI PF	group insurance

6.4 – Financial Management and Resource Mobilization

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

Every year, internal audit will be conducted by the committee appointed by the principal. After thorough verification, committee will submit their appraisals to the principal for follow up action. College accounts will be audited by the qualified chartered accountants. No major audit objections are identified. Institution has well defined mechanism to monitor effective and efficient use of available resources. College obtains proposals from concerned Departments/Units in which all the teaching and non teaching members of the Department/Unit are involved. 1. Purchase and central store section of the Institute headed by senior faculty member, collects all the purchase proposals with quotations and comparative statement. It prepares the consolidated proposal and submit it to governing body for approval 2. After assessing the projected income for an academic year, governing body allocates budget to each Department and Institution with minute details. While doing so, through discussion will be made in governing body for prioritizing and transparency. The draft of allotment of budget submitted to Governing Body for its approval. 3. Purchases will be made with the recommendations of duly constituted purchase committee. The amounts withdrawn from the banks will follow a systematic mechanism of obtaining the signatures of the cashier, AO, Head Purchase Committee, 4. Principal, Secretary and Chairman. In case of out of budget expenditure, ratification will be done in a special meeting conducted. In every meeting, Principal presents the Income and Expenditure details. Governing body allocates any additional budget required. 5. Purchase and central store section has laid down specific guidelines related to Purchase, servicing, maintenance and stock keeping of the instruments, equipments and furniture items 6. Purchase and central store section also monitors the stock verification process at the end of each academic year 7. Guide lines regarding the Purchase, servicing, maintenance and stock keeping:

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	Funds/ Grants received in Rs.	Purpose
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funding agencies /individuals

No Data Entered/Not Applicable !!!

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6.4.3 – Total corpus fund generated

192460650

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	No		Yes	Director of academics
Administrative	No		Yes	Finance officer

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

1. Setting up of proper counseling mechanism 2. Support in extra curricular activities 3. Out reach programs

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

1. Training program on professional domains 2. Quality improvement program 3. Career enhancement scheme

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

1. Establishment of SHODH incubation and innovation center 2. Establishment of center of excellence with Amazon web services and Microchip academy 3. Establishment of Samvad Counseling cell

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Establishment of Institute Innovation cell	16/07/2018	16/07/2018	29/04/2019	50
2018	Establishment of digital documentation for activities	17/12/2018	17/12/2018	30/04/2019	200
2018	Establishment of shodhin innovation center	01/08/2018	01/08/2018	30/04/2019	20

2018	Establishment of samvadh centre	06/08/2018	06/08/2018	30/04/2019	3000
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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
Womens day celebrations	08/03/2019	08/03/2019	200	75
Literagoan	08/10/2018	08/10/2018	75	50
Star Kid	27/07/2018	27/07/2018	45	15

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
60

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	3
Ramp/Rails	Yes	3
Scribes for examination	Yes	1
Rest Rooms	Yes	3

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	10	10	31/10/2018	111222	Blood donation	10	200

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Core values of VBIT	12/01/2019	Orientation program in association with Ramakrishna mission

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Message oriented(national integrity, communal)	16/04/2019	16/04/2019	200

harmony)short film competition by Asshay Film club 10 films were screened			
Documentary Film contest in which 07 documentaries on road accidents, girl's education, alcoholism etc were screened.	14/08/2018	15/08/2018	220

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

1. Banned one time plastic usage
2. Constructed rain water harvesting pits
3. Plantation drives
4. Solar panels installation
5. Constructed sewage treatment plant
6. Green landscaping

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. AVISHKAR The event "AVISHKAR" was first introduced in Vignana Bharathi Institute of Technology with the sole purpose of eradicating the age - old myth of stage - fear! Along with various other benefits such as communication skills, body language, and general knowledge, thereby focusing over all individual growth, this event has acclaimed an appreciable nod from the whole of the R10 region and even at global level. The event which first started out as an intra - college bout, is now a state level competition with various institutions battling over to win this prestigious antagonism. Event Description: Avishkar is a paper presentation competition held exclusively for the first- B. Tech students. Every year it is conducted on 25th January (primary round) and 26th January (final round). About 400450 students (200225 teams) participates in this event and presents various technical topics in various groups. Awards are given to top ten teams The competition is of two phases, intra and inter. Firstly, the event flags off with the intra - college event. Top three teams from VBIT will be selected and given an opportunity to compete against the other colleges. This activity serves as an effective alternative to the freshers party which is seen in any Engineering College and sometimes create a lot of disturbance in the campus. Senior students wholly organize this event for the new comers. This activity helps to hunt the talent and leadership qualities among the students in a great way. Rising number of participants every year proves the popularity of the event .Media has taken appropriate cognizance of this event and given wide publicity This activity has received an appreciation from IEEE at International level in the form of Darrel Chong Student activity award in the year 2012. This activity find a place in a special article on "IEEEVBIT student Branch" published in an International publication "IEEE Potential" (Volume32, Issue4, August2013)

<http://ieeexplore.ieee.org/stamp/stamp.jsp?tparnumber6565457tag1>
(<http://ieeexplore.ieee.org/stamp/stamp.jsp?tparnumber6565457tag1>)

2. Audio Visual Classes, Student Seminars and Value Added Programs: 36 hours out of 42 hours per week are required to follow University curriculum. Since 201112 the Institute designed a program to utilize remaining 6 hours more effectively. The outline is as follows: 2 hours /week AV Classes and Library/Incubation Centre 2 hours /week Value Added programs(Communication/soft/Technicalskills) 2 hours /week Sports3 slots/month and Seminar1 slot/month AV Classes: To support the understanding of theory subjects, the provision of Audio Visual classes (two hours per week) is playing very significant role.Each Department identifies few subjects where multimedia presentations on various topics help students to understand that subjects with better depth and knowledge. Each class is having

one faculty coordinator for AV sessions. Main Library is having 4 AV rooms where these sessions are conducted. Pre prepared Audio Visual lessons by concerned faculty members are shown to the students during these sessions. Impact: This activity helps student to understand the subject with more depth and knowledge. Use of unusual, innovative and up to date resources makes the teaching Learning process more dynamic.

2) Seminars: 3 hours per month are allotted for class seminars during which 20 students has to give presentation on various technical topics. One faculty member allotted to each class as a seminar incharge who in turns prepares entire schedule of a semester (34 rounds of seminars/semester). Seminar incharge and/or senior faculty members who attends this seminar evaluate the performance of the students and write their remarks in seminar evaluation book of the class. Impact: This activity helps students to improve their presentation skills. Students having average or below average capacity gets good exposure to various resources since they have to prepare and present their topics independently. Pre and post seminar discussion between students and faculty members helps to develop interpersonal relations which may affects on overall performance of the students.

Value Added Programs (VAP): Institute and Departments design various need based programs to develop Communication and Technical skills of the students. The details are as follows:

Collaborative programs with industry sponsored labs: 1. Signed MoU with the following and established facilities for global certifications: Amazon web services academy for students certification on AWS fundamentals and architecture. Uipath for certification on robotic process automation. Service now for business application development. 2. Established center of excellences with the following industry partners: Dell EMC. EMC Data science associate certification on bigdata and analytics. Auto Desk Fusion 360. Auto Desk Revit Architecture. 3. Established Industry Sponsored academies with the following: SAPABAP student academy program. CISCO networking academy. Microchip to deliver certified courses on embedded and IoT technologies. Salesforce academy for training developers called Trailblazers. 4. Established Incubation center and start up ecosystem in collaboration with the following: Exclusive innovation and incubation cell. Institute Innovation Council (IIC). Ministry of Human Resiurce Development (MHRD), Govt. of India has established MHRDs Innovation cell (MIC). ISBTEP (Indian school of Business Technology Entrepreneurship Program). TiE Hyderabad Education start up learning. JNTUH Innovation hub (JHub).

Impact: With these value added programs students are exposed to the latest trends and technologies and making them move towards industry requirements by the way of global certifications and working in centre of excellences established by reputed industries. Apart form this, students are motivated towards entrepreneurship by making students interact with industry mentors for better ideations, participating in hackathons and be part of national and international organizations for better guidance.

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

<http://vbithyd.ac.in/student-activity-center/ieee-student-branch-of-vbit/>

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

Academic Excellence "Outstanding" is what our students rate our efforts in nurturing versatile, all round development including organizational and leadership qualities. In VBIT, the management, administration and the faculty members strive for this and go beyond teaching, in an effort to redefine academic excellence. As the educational system is getting more and more student centric, it is the duty of every institute to ensure appropriate standards for Teaching and Learning Process. As a part of this process the students are

motivated to match their standards to the industrial and societal needs. The meticulously well defined student centric system has the following objectives at its core to emerge as a hub for engineering excellence to achieve engineering education that is on par with the industry requirement to facilitate state of the art teaching facilities to train students in emerging technologies to set up and maintain State of the Art Laboratories to create department wise with incubation centers to provide training in emerging technologies through "Training and Placement Cell" to empower the student community through "Students Activity Centre" (SAC) While the institute puts the students to higher degree of learning through this approach of beyond the text book, the students are provided full freedom to develop the capabilities and qualities in handling several activities of the professional bodies like IEEE, IETE, IEI, CSI etc. VBIT follows certain specific approaches by drawing greater opportunity to the students for conducting student seminars, presenting papers, project developments, development of working models etc. As part of this the students are encouraged to present papers in some specific forums right from their I B.Tech. days. Similarly, there are number of forums for the other students to conduct and to participate in seminars in and outside the college. The institute ensures at least one opportunity to every student in a given academic semester. In order to ensure that the vision of the institute is realized, a separate Student Activity Centre, thoroughly managed by the students, is set up. In addition to the Student Activity Centre the cocurricular activities also take an equally important role at VBIT. Therefore, VBIT has bagged several awards for their students in a number of forums at state, national and international levels. There are separate clubs for each of these functions and thus provide an excellent opportunity and awareness to every student at VBIT In a sense VBIT ensures the overall development of the student as above with appropriate standards as per the current market requirements, in addition to the best possible efforts in Teaching and Learning Process. The following are the activities handled by the students during each semester lonely the Student Activity Centre. Established 13 various forums under SAC in 200607 and now increased to 22 forums. Separate Bank Account for each forum Meeting of the student coordinators at the beginning of every Academic year to discuss the plan and budget of the activities during the year Providing complete autonomy to the members in planning and executing various academic, technical and cocurricular activities

Provide the weblink of the institution

<http://http://vbithyd.ac.in/student-activity-center/>

8.Future Plans of Actions for Next Academic Year

1. After receiving the autonomous status, institute is now focusing on to convert academic flexibility into various student centric programs 2. Strengthening of the courses and syllabus with latest trends in technology 3. To establish exclusive laboratories and centers of excellence in association with various industries