Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology**
Name of the head of the Institution	**Dr. C. D. Naidu**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**040-23041517**
Mobile no.	**9391008138**
Registered Email	**principal@vnrvjiet.ac.in**
Alternate Email	**paac@vnrvjiet.in**
Address	**Vignana Jyothi Nagar, Pragathi Nagar, Bachupally (M), Nizampet (S.O), Hyderabad**
City/Town	**Hyderabad**
State/UT	**Telangana**

Pincode	500090

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	17-Aug-2012
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. V. Ramesh Babu
Phone no/Alternate Phone no.	04023042956
Mobile no.	9866524514
Registered Email	iqac@vnrvjiet.in
Alternate Email	paac@vnrvjiet.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://vnrvjiet.ac.in/iqac/aqar(2017-2018).pdf

4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://vnrvjiet.ac.in/bac.php

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.21	2013	05-Jan-2013	04-Jan-2018
2	A++	3.73	2018	16-Aug-2018	15-Aug-2023

6. Date of Establishment of IQAC	18-Feb-2013

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Seminar on Research Methodology, Research and funding proposals	06-Oct-2018 2	302
Initiation of ACM Student chapter	24-Oct-2018 1	450
VJ Itinerary	24-Nov-2018 1	331
Motivational lecture on GATE	05-Dec-2018 1	1060
Two day Workshop on Active learning Pedagogies & Technologies	13-Dec-2018 2	50
National Mathematics Day celebrations	22-Dec-2018 1	1356
Preparing Research proposals	02-Jan-2019 1	308
Honorable Vice President of INDIA Visit to VNRVJIET	03-Feb-2019 1	600
Open House 2K18	08-Mar-2019 2	1570
MBI (My Big Idea) Competition	09-Apr-2019 2	1310
World IP Day	26-Apr-2019 1	322
National Technology Day	11-May-2019 1	160
Conduct of Energy Audit in the institute	20-Aug-2018 5	6
Conduct of Green Audit in the institute	20-Aug-2018 12	15
WOW (Wealth out of waste)	28-Sep-2018 3	2000
Plant for the planet project (PPP)	09-Aug-2018 3	1260
View File		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
VNRVJIET	CPE	UGC	2016 5	0

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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 :	13
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)

UGC Autonomous Status for 10 years

Accredited by NAAC with A(plus plus) grade and Ranked 109 in Engineering category by NIRF2019

ISO 9001:2015 certified

NBA Accreditation for 7 UG programmes

MOU's with premier institutions like NITW, TSFA, and other foreign universities and Orientation to faculty on Quality Research

View File

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
Conduction of Energy Audit	Conducted during 20th August 2018 to 25th August 2018 and the substantial savings energy have been recorded with the implementation of Energy Conservation Methods
Conduction of Green Audit	Air Quality Index, Water Quality and Solid Waste Disposal are checked on monthly basis under the activity of

	Green Audits. Accordingly, the percentage of green belt in the institute is increased by planting additional trees. This activity is inline with the 'Harithaharam' movement launched by Telangana State Government.
Improvement in Research Publications	Publication count increased in SCOPUS and WOS
Sensitizing faculty to Industry 4.0 Technologies	Conducted various guest lectures on latest technologies
Preparation of AQAR 2017-18	Submitted AQAR on 14-09-2018
Preparation for NBA Reaccreditation	7 UG Programs got accredited
Sensitizing faculty to Research	The number of Research Proposals/Projects and Consultancies has been remarkably increased
[View File]()	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
The Governing Council	19-Oct-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	27-Jul-2018

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	2019
Date of Submission	27-Feb-2019

17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Campus Automation Software (CAMS) CAMS at VNR VJIET has different features for automation of functions at the Institute. 1. Admissions This module makes admission process automated. It generates the report on the seats allotment by convener and its status like sliding of branches etc. Out of the students applied for seats under B Category merit list is prepared and offered them in the order of merit.

| | Roll lists are also generated. 2. Academics Course Management: Creates Course based on Program, regulation, semester, branch. Faculty Course Mapping, , Academic Calendar, Teaching methodologies, and Elective Settings are offered Class Management: It creates Branch wise and Student wise Attendance. Time Slots, Time Tables, section, sub section, open elective, student attendance, extra class, class suspension and lab swapping facilities are provided. Student management: Student, rejoined student, readmitted student, substitute subject, student ID card and Bulk updating options are provided Certificates: It creates Course Completion Certificate, Custodian Certificate, Transfer Certificate, Bonafide certificate, third party verification and Pursuing certificate. 3. Examination and Evaluation Provides the functionality for student examination registration for end semester and creating seating arrangement for students. It facilitates the Nominal Rolls, Room and Branch(s) wise on a date of examination for both Internal/External. Provides the functionality for generation of Admit Card and Internal Marks Entry by faculty. 4. HR Module Provide functionality for creating holidays, Various Leaves, creating user and assign roles, reference data, service book, Pending Approvals, Employee's Shift, Employee ID Card and define workflow. 5. Accounts and Payroll various account related functionalities are created like payment status, part payment, Ledger maintenance etc. payrolls can be created and the pay scales and Payroll details can be revised according to dynamically changing DA time to time. 6. Biometric Attendance 7. Learning Management Systems To create assignments/ attach file with mathematical equations if required for the students along with indication of marks, description and deadline for submission. Select the students for assignment submission. |

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

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	A01	CIVIL ENGINEERING	14/07/2018
BTech	A02	ELECTRICAL AND ELECTRONICS ENGINEERING	14/07/2018
BTech	A03	MECHANICAL ENGINEERING	14/07/2018
BTech	A04	ELECTRONICS AND COMMUNICATION ENGINEERING	14/07/2018
BTech	A05	COMPUTER SCIENCE AND ENGINEERING	14/07/2018
BTech	A12	INFORMATION TECHNOLOGY	14/07/2018
BTech	A10	ELECTRONICS AND INSTRUMENTATION ENGINEERING	14/07/2019
BTech	A24	AUTOMOBILE ENGINEERING	14/07/2019
Mtech	D20	STRUCTURAL ENGINEERING	14/07/2018
Mtech	D12	GEOTECHNICAL ENGINEERING	14/07/2018
Mtech	D87	HIGHWAY ENGINEERING	14/07/2018
Mtech	D43	POWER ELECTRONICS	14/07/2018
Mtech	D83	POWER SYSTEMS	14/07/2018
Mtech	D33	ADVANCED MANUFACTURING SYSTEMS	14/07/2018
Mtech	D04	CAD/CAM	14/07/2018
Mtech	D57	VLSI SYSTEM DESIGN	14/07/2018
Mtech	D55	EMBEDDED SYSTEMS	14/07/2018
Mtech	D25	SOFTWARE ENGINEERING	14/07/2018
Mtech	D58	COMPUTER SCIENCE AND ENGINEERING	14/07/2018
Mtech	D88	ELECTRONICS AND INSTRUMENTATION	14/07/2018
Mtech	D78	COMPUTER NETWORKS AND INFORMATION SECURITY	14/07/2018
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with	Programme	Date of Introduction	Course with Code	Date of Introduction

Code	Specialization			
Mtech	Power Electronics	14/07/2018	18PE1PL01Advanced Micro controller based systems	14/07/2018
Mtech	Power Electronics	14/07/2018	18PE1PL02VLSI Design	14/07/2018
Mtech	Power Electronics	14/07/2018	18PE1PS01Renewable Energy Systems	14/07/2018
Mtech	Power Electronics	14/07/2018	18PE1PL03Artificial Intelligence Techniques	14/07/2018
Mtech	Power Electronics	14/07/2018	18PE1PS04SCADA Systems and Applications	14/07/2018
Mtech	Power Electronics	14/07/2018	18PE1PL04Digital Signal Processing For Power & Control	14/07/2018
Mtech	Power Electronics	14/07/2018	18PE1PL04Power Electronic Converters Laboratory	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC2PL02Modeling and Simulation of Electrical Drives Laboratory	14/07/2018
Mtech	Power Electronics	14/07/2018	18PW4PE01Technical Seminar	14/07/2018
Mtech	Power Electronics	14/07/2018	18AU5CS01Research Methodology & IPR	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC1PL04Advanced Power Electronic Converters	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC1PL05Digital Controllers in Power Electronic Applications	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC1PL06Advanced Control Systems	14/07/2018
Mtech	Power	14/07/2018	18PE1PL05Elec	14/07/2018

			Electronics		tric Hybrid Vehicles	
Mtech	Power Electronics	14/07/2018	18PE1PL06Embedded Systems	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC1PS05Power Quality	14/07/2018
Mtech	Power Electronics	14/07/2018	18PE1PL07Electro Magnetic Interference and Compatibility	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC1PS06Flexible AC Transmission Systems	14/07/2018
Mtech	Power Electronics	14/07/2018	18PE1PS08Smart Grids	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC2PL03Advanced Power Electronic Converters Simulation Laboratory	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC2PL044 Power Electronic Control and Applications Laboratory	14/07/2018
Mtech	Power Electronics	14/07/2018	18PW4PL02Mini-Project	14/07/2018
Mtech	Power Electronics	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	Power Systems	14/07/2018	18PC1PS01Power System Analysis	14/07/2018
Mtech	Power Systems	14/07/2018	18PC1PS02Power System Dynamics	14/07/2018
Mtech	Power Systems	14/07/2018	18PC1PS03Power System Restructuring	14/07/2018
Mtech	Power Systems	14/07/2018	18PE1PS01Renewable Energy Systems	14/07/2018
Mtech	Power Systems	14/07/2018		14/07/2018

			18PE1PS02Power System Transients	
BTech	Civil Engineering	14/07/2018	18BS1CH01Engineering Chemistry	14/07/2018
BTech	Civil Engineering	14/07/2018	18HS1EN01English	14/07/2018
BTech	Civil Engineering	14/07/2018	18ES1CS01Programming through C	14/07/2018
BTech	Civil Engineering	14/07/2018	18ES2CS01Programming through C Laboratory	14/07/2018
BTech	Civil Engineering	14/07/2018	18BS2CH01Engineering Chemistry Laboratory	14/07/2018
BTech	Civil Engineering	14/07/2018	18HS2EN01English Language Communication Skills Laboratory	14/07/2018
BTech	Civil Engineering	14/07/2018	18ES2ME01Workshop Practices	14/07/2018
BTech	Civil Engineering	14/07/2018	18BS1MT02Linear Algebra and Ordinary Differential Equations	14/07/2018
BTech	Civil Engineering	14/07/2018	18BS1PH01Applied Physics	14/07/2018
BTech	Civil Engineering	14/07/2018	18ES1ME01Engineering Mechanics	14/07/2018
BTech	Civil Engineering	14/07/2018	18ES3CE01Geometrical Drawing	14/07/2018
BTech	Civil Engineering	14/07/2018	18BS2PH01Applied Physics Laboratory	14/07/2018
BTech	Civil Engineering	14/07/2018	18PW4CE01Design Sensitization	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18BS1MT01Advanced Calculus	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18BS1CH01Engineering Chemistry	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18HS1EN01English	14/07/2018

BTech	EEE, ECE & EIE	14/07/2018	18ES1CS01Programming through C	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18BS2CH01Engineering Chemistry Laboratory	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18HS2EN01English Language Communication Skills Laboratory	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18ES2CS01Programming through C Laboratory	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18ES2ME01Workshop Practices	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18BS1MT03Linear Algebra, Ordinary Differential Equations and Laplace Transforms	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18BS1PH02Engineering Physics	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18ES1EE01Basics of Electrical Energy for Engineers	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18ES3ME02Engineering Drawing	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18BS2PH02Engineering Physics Laboratory	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18ES2EE01Basic Electrical Engineering Laboratory	14/07/2018
BTech	EEE, ECE & EIE	14/07/2018	18PW4EE01Design Sensitization	14/07/2018
BTech	CSE & IT	14/07/2018	18BS1MT01Advanced Calculus	14/07/2018
BTech	CSE & IT	14/07/2018	18BS1PH02Engineering Physics	14/07/2018
BTech	CSE & IT	14/07/2018	18ES1EE01Basics of Electrical	14/07/2018

			Energy for Engineers	
BTech	CSE & IT	14/07/2018	18BS2PH02Engineering Physics Laboratory	14/07/2018
BTech	CSE & IT	14/07/2018	18ES2EE01Basic Electrical Engineering Laboratory	14/07/2018
BTech	CSE & IT	14/07/2018	18ES3ME02Engineering Drawing	14/07/2018
BTech	CSE & IT	14/07/2018	18PW4CS01Design Sensitization	14/07/2018
BTech	CSE & IT	14/07/2018	18BS1MT02Linear Algebra and Ordinary Differential Equations	14/07/2018
BTech	CSE & IT	14/07/2018	18BS1CH01Engineering Chemistry	14/07/2018
BTech	CSE & IT	14/07/2018	18HS1EN01English	14/07/2018
BTech	CSE & IT	14/07/2018	18ES1CS01Programming through C	14/07/2018
BTech	CSE & IT	14/07/2018	18BS2CH01Engineering Chemistry Laboratory	14/07/2018
BTech	CSE & IT	14/07/2018	18HS2EN01English Language Communication Skills Laboratory	14/07/2018
BTech	CSE & IT	14/07/2018	18ES2CS01Programming through C Laboratory	14/07/2018
BTech	CSE & IT	14/07/2018	18ES2ME01Workshop Practices	14/07/2018
BTech	ME & AE	14/07/2018	18BS1MT01Advanced Calculus	14/07/2018
BTech	ME & AE	14/07/2018	18BS1PH01Applied Physics	14/07/2018
BTech	ME & AE	14/07/2018	18ES1CS01Programming through C	14/07/2018
BTech	ME & AE	14/07/2018	18ES2CS01Prog	14/07/2018

			ramming through C Laboratory	
BTech	ME & AE	14/07/2018	18BS2PH01Applied Physics Laboratory	14/07/2018
BTech	ME & AE	14/07/2018	18ES3ME01Engineering Graphics	14/07/2018
BTech	ME & AE	14/07/2018	18PW4ME01Design Sensitization	14/07/2018
BTech	ME & AE	14/07/2018	18BS1MT02Linear Algebra and Ordinary Differential Equations	14/07/2018
BTech	ME & AE	14/07/2018	18BS1CH01Engineering Chemistry	14/07/2018
BTech	ME & AE	14/07/2018	18ES1ME01Engineering Mechanics	14/07/2018
BTech	ME & AE	14/07/2018	18HS1EN01English	14/07/2018
BTech	ME & AE	14/07/2018	18HS2EN01English Language Communication Skills Laboratory	14/07/2018
BTech	ME & AE	14/07/2018	18BS2CH01Engineering Chemistry Laboratory	14/07/2018
BTech	ME & AE	14/07/2018	18ES2ME01Workshop Practices	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PC1ST01Advanced Structural Analysis	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PC1ST02Theory of Elasticity	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PC1ST03Advanced Concrete Technology	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PE1ST01Theory of Thin Plates and Shells	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PE1ST02Fracture Mechanics	14/07/2018

			of Concrete Structures	
Mtech	Structural Engineering	14/07/2018	18PE1ST03Theory of Structural Stability	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PE1ST04 Design of Advanced Concrete Structures	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PE1ST05Structural Optimization	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PE1MT01Analytical and Numerical Methods for Structural Engineering	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PC2ST01Advanced Concrete Technology Laboratory	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PC2MT01 Numerical Analysis Laboratory	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PW4ST01Technical Seminar	14/07/2018
Mtech	Structural Engineering	14/07/2018	18AU5CS01Research Methodology and IPR	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PC1ST04FEM in Structural Engineering	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PC1ST05Structural Dynamics	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PC1ST06Design of Prestressed Concrete Structures	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PE1ST06Earthquake Resistant Design of Buildings	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PE1ST07Design of High Rise	14/07/2018

				Structures	
Mtech	Structural Engineering	14/07/2018	18PE1ST08Structural Health Monitoring	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PE1ST09Design of Advanced Steel Structures	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PE1ST10Design of Masonry Structures	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PE1ST11Design of Industrial Structures	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PC2ST02Model Testing Laboratory	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PC2ST03Structural Design Laboratory	14/07/2018
Mtech	Structural Engineering	14/07/2018	18PW4ST02Mini-Project	14/07/2018
Mtech	Structural Engineering	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PC1HW01 Pavement Material Characterization	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PC1HW02Traffic Engineering	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PC1HW03 Highway Geometric Design	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PE1HW01Urban Transportation Planning	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PE1ST13Principles of Bridge Engineering	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PE1HW02Intelligent Transportation	14/07/2018

			Systems	
Mtech	Highway Engineering	14/07/2018	18PE1HW03Remote Sensing and GIS Applications in Highways	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PE1HW04 Road Safety and Traffic Management	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PE1HW05 Environmental Impact Assessment for Highway Projects	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PC2HW01 Pavement Engineering Laboratory	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PC2HW02 Traffic Engineering Field Laboratory	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PW4HW01 Technical Seminar	14/07/2018
Mtech	Highway Engineering	14/07/2018	18AU5CS01 Research Methodology and IPR	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PC1HW04Pavement Analysis and Design	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PC1HW05Highway Project Formulation and Economics	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PC1HW06Advanced Traffic Analysis	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PE1HW06Numerical methods and Applied Statistics	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PE1HW07Computational Techniques in Highway Engineering	14/07/2018
Mtech	Highway	14/07/2018	18PE1HW08High	14/07/2018

			way Network Analysis and Optimization Techniques	
Mtech	Highway Engineering	14/07/2018	18PE1GT01Soil Structure Interaction	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PE1HW09Pavement Management Systems	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PE1HW10Mass Transportation System and Planning	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PC2HW03Highway Material Characterization and Traffic Simulation Laboratory	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PC2HW04Highway Numerical Analysis Laboratory	14/07/2018
Mtech	Highway Engineering	14/07/2018	18PW4HW02Mini Project	14/07/2018
Mtech	Highway Engineering	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PC1GT01Advanced Soil Mechanics	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PC1GT02Advanced Foundation Engineering	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PC1GT03Ground Improvement Techniques	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PE1GT01Soil Structure Interaction	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PE1GT02Engineering Rock Mechanics	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PE1GT03Critical Soil Mechanics	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PE1GT04Tunneling	14/07/2018

			Technology	
Mtech	Geo-Technical Engineering	14/07/2018	18PE1GT05Design with Geosynthetics	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PE1GT06Offshore Geotechnical Engineering	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PC2GT01Soil Mechanics Laboratory - I	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PC2GT02Soil Mechanics Laboratory - II	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PW4GT01Technical Seminar	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18AU5CS01Research Methodology & IPR	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PC1GT04Dynamics of Soils and Foundations	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PC1GT05Subsurface Investigations and Instrumentation	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PC1GT06Earth Retaining Structures	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PE1GT08Environment and Ecology	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PE1GT09FEM in Geotechnical Engineering	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PE1GT10Geographical Information System	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PE1GT11Stability Analysis of Slopes	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PC2GT03Advanced Geotechnical Engineering Laboratory	14/07/2018

Mtech	Geo-Technical Engineering	14/07/2018	18PC2GT04Geotechnical Engineering Studio	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18PW4GT02Mini-Project	14/07/2018
Mtech	Geo-Technical Engineering	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC1PL01Power Electronic Converters	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC1PL02Modeling and Analysis of Electrical Machines	14/07/2018
Mtech	Power Electronics	14/07/2018	18PC1PL03Electric Drives System	14/07/2018
Mtech	Power Systems	14/07/2018	18PE1PL01Advanced Micro-Controller Based Systems	14/07/2018
Mtech	Power Systems	14/07/2018	18PE1PS03Electrical Power Distribution System	14/07/2018
Mtech	Power Systems	14/07/2018	18PE1PS04SCADA System and Applications	14/07/2018
Mtech	Power Systems	14/07/2018	18PE1PL03Artificial Intelligence Techniques	14/07/2018
Mtech	Power Systems	14/07/2018	18PC2PS01Power System Analysis Laboratory	14/07/2018
Mtech	Power Systems	14/07/2018	18PC2PS02Power System Practice Laboratory	14/07/2018
Mtech	Power Systems	14/07/2018	18PW4PS01Technical Seminar	14/07/2018
Mtech	Power Systems	14/07/2018	18AU5CS01Research Methodology &	14/07/2018

			IPR	
Mtech	Power Systems	14/07/2018	18PC1PS04Digital Protection of Power System	14/07/2018
Mtech	Power Systems	14/07/2018	18PC1PS05Power Quality	14/07/2018
Mtech	Power Systems	14/07/2018	18PC1PS06Flexible AC Transmission Systems	14/07/2018
Mtech	Power Systems	14/07/2018	18PE1PS05Voltage Stability	14/07/2018
Mtech	Power Systems	14/07/2018	18PE1PS06Power System Reliability	14/07/2018
Mtech	Power Systems	14/07/2018	18PE1PL05Electric Hybrid Vehicle	14/07/2018
Mtech	Power Systems	14/07/2018	18PE1PS07EHV AC Transmission	14/07/2018
Mtech	Power Systems	14/07/2018	18PE1PS08Smart Grids	14/07/2018
Mtech	Power Systems	14/07/2018	18PC1PL06Advanced Control Systems	14/07/2018
Mtech	Power Systems	14/07/2018	18PC2PS03FACTS Laboratory	14/07/2018
Mtech	Power Systems	14/07/2018	18PC2PS04Power System Dynamics Laboratory	14/07/2018
Mtech	Power Systems	14/07/2018	18PW4PS02Mini-Project	14/07/2018
Mtech	Power Systems	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC1AM01Automation in Manufacturing	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC1AM02Advances in CAD/CAM	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC1AM03Precision Engineering	14/07/2018

Mtech	Advanced Manufacturing Systems	14/07/2018	18PE1AM01Product Data Management	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PE1AM02Special Manufacturing Processes	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PE1AM03Design for Manufacturing & Assembly	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PE1AM04Mechatronics	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PE1AM05Non-Destructive Testing	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC1CD03Rapid Prototyping	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC2CD01Computer Aided Design Laboratory	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC2AM01Automation & Robotics Laboratory	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PW4AM01Technical Seminar	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18AU5CS01Research Methodology & IPR	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC1AM04Advanced Manufacturing Processes	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC1AM05Modeling and Simulation of Manufacturing Systems	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC1AM06Quality Engineering in Manufacturing	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PE1AM06Tool Design	14/07/2018

Mtech	Advanced Manufacturing Systems	14/07/2018	18PE1CD01Product Design and Development Strategies	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PE1CD03Flexible Manufacturing Systems	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PE1AM07Intelligent Manufacturing Systems	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC1CD01Finite Element Analysis	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC1CD06Additive Manufacturing Processes	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC2AM02Manufacturing Processes and Simulation Laboratory	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PC2CD04Computer Aided Machining Laboratory	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18PW4AM02Mini-Project	14/07/2018
Mtech	Advanced Manufacturing Systems	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC1CD01Finite Element Analysis	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC1CD02Advanced CAD	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC1CD03Rapid Prototyping	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PE1AM03Design for Manufacturing & Assembly	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC1AM01Auto	14/07/2018

			mation in Manufacturing	
Mtech	CAD /CAM	14/07/2018	18PE1CD01Product Design and development Strategies	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC1AM03Precision Engineering	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PE1CD02Advanced Mechanisms and analysis	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PE1AM04Mechatronics	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC2CD01Computer Aided Design Laboratory	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC2CD02Computer Aided Engineering Laboratory	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PW4CD01Technical Seminar	14/07/2018
Mtech	CAD /CAM	14/07/2018	18AU5CS01Research Methodology & IPR	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC1CD04Computer Aided Manufacturing	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC1CD05Industrial Robotics	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC1CD06Additive Manufacturing Processes	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PE1CD03Flexible Manufacturing Systems	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PE1CD04Optimization Techniques	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC1AM06Quality Engineering in Manufacturing	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PE1CD05Computer Aided process	14/07/2018

			Planning	
Mtech	CAD /CAM	14/07/2018	18PE1CD06Design of Experiments	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PE1AM07Intelligent Manufacturing Systems	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC2CD03Digital Manufacturing Laboratory	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PC2CD04Computer Aided Machining Laboratory	14/07/2018
Mtech	CAD /CAM	14/07/2018	18PW4CD02Mini-Project	14/07/2018
Mtech	CAD /CAM	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PC1VS01Simulation and Synthesis with PLDs	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PC1ES01Processors for Embedded System Design	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PC1ES02Programming Languages for Embedded Software	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1ES01Artificial Intelligence	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1ES02Internet of Things	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1ES03Communication Buses and Interfaces	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1ES04Parallel Processing	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1ES05Advanced Communication Networks	14/07/2018
Mtech	Embedded	14/07/2018	18PE1VS03Adva	14/07/2018

			nced Digital Signal Processing	
Mtech	Embedded Systems	14/07/2018	18PC2VS01Simulation and Synthesis with PLDs Laboratory	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PC2ES01Processors for Embedded System Design Laboratory	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PW4ES01Technical Seminar	14/07/2018
Mtech	Embedded Systems	14/07/2018	18AU5CS01Research Methodology and IPR	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PC1ES03System Design with Embedded Linux	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PC1ES04Wireless and Mobile Communications	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PC1CP03Machine Learning	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1ES06SOC and NOC Architecture	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1ES07Network Security and Cryptography	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1ES08Advanced Computer Architecture	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1VS08Image and Video Processing	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1ES09Sensors and Actuators	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PE1ES10High Performance Networks	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PC2ES02System Design with Embedded Linux Laboratory	14/07/2018

Mtech	Embedded Systems	14/07/2018	18PC2ES03Machine Learning and Wireless Communication Laboratory	14/07/2018
Mtech	Embedded Systems	14/07/2018	18PW4ES02Mini-Project	14/07/2018
Mtech	Embedded Systems	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PC1VS01Simulation and Synthesis with PLDs	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PC1VS02Digital IC Design	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PC1VS03Analog IC Design	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1ES02Internet of Things	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1VS01Full Custom IC Design	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1VS02VLSI Process Technology	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1ES04Parallel Processing	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1VS03Advanced Digital Signal Processing	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1VS04Semiconductor Device Modeling	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PC2VS01Simulation and Synthesis with PLDs Laboratory	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PC2VS02IC Design Laboratory	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PW4VS01Technical Seminar	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18AU5CS01Research Methodology and IPR	14/07/2018

Mtech	VLSI Systems Design	14/07/2018	18PC1VS04Mixed Signal and RF IC Design	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PC1VS05VLSI Design for Verification and Testing	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PC1VS06Low Power VLSI Design	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1ES06SOC and NOC Architectures	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1VS05Optimization Techniques in VLSI Design	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1VS07Physical Design Automation	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1VS08Image and Video Processing	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PE1VS09Memory Technologies	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PC2VS03Mixed Signal and RF IC Design Laboratory	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PC2VS04VLSI Design Verification and Testing Laboratory	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18PW4VS02Mini-Project	14/07/2018
Mtech	VLSI Systems Design	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PC1CP01Mathematical foundations of Computer Science	14/07/2018
Mtech	Computer Science and	14/07/2018	18PC1CP02Advanced Data	14/07/2018

			Structures	
Mtech	Computer Science and Engineering	14/07/2018	18PC1CP03Machine Learning	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PE1CP01Distributed Computing	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PE1SE03Android Application Development	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PE1SE07Scripting Languages	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PE1CP02Data Science	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PE1ES02Internet of Things (IoT)	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PE1CP03Ethical Hacking & Computer Forensics	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PC2CP01Advanced Data Structures Laboratory	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PC2CP02Machine Learning Laboratory	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PW4CP01Technical Seminar	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18AU5CS01Research Methodology and IPR	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PC1CP04Advanced Algorithms	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PC1CP05Soft Computing	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PC1CP06Big Data Analytics	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PE1CP04Cloud Computing	14/07/2018
Mtech	Computer Science and	14/07/2018	18PE1CP05Advanced Network	14/07/2018

			Programming	
Mtech	Computer Science and Engineering	14/07/2018	18PE1CP06Network Security	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PE1CP07Advanced Operating Systems	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PE1CP08Dynamic Computer Networks	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PE1SE06Web Services & Service Oriented Architecture	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PC2CP03Advanced Algorithms Laboratory	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PC2CP04Big Data Analytics Laboratory	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18PW4CP02Mini-Project	14/07/2018
Mtech	Computer Science and Engineering	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	Software Engineering	14/07/2018	18PC1CP01Mathematical foundations of Computer Science	14/07/2018
Mtech	Software Engineering	14/07/2018	18PC1CP02Advanced Data Structures	14/07/2018
Mtech	Software Engineering	14/07/2018	18PC1SE01Data Analytics	14/07/2018
Mtech	Software Engineering	14/07/2018	18PE1SE01Software Requirements & Estimation	14/07/2018
Mtech	Software Engineering	14/07/2018	18PE1SE02Object Oriented Modeling	14/07/2018
Mtech	Software Engineering	14/07/2018	18PE1SE03Android Application Development	14/07/2018
Mtech	Software	14/07/2018	18PE1ES02Inte	14/07/2018

	Engineering		rnet of Things	
Mtech	Software Engineering	14/07/2018	18PE1CP03Ethical Hacking & Computer Forensics	14/07/2018
Mtech	Software Engineering	14/07/2018	18PE1SE04Formal Methods in Software Engineering	14/07/2018
Mtech	Software Engineering	14/07/2018	18PC2CP01Advanced Data Structures Laboratory	14/07/2018
Mtech	Software Engineering	14/07/2018	18PC2SE01Data Analytics Laboratory	14/07/2018
Mtech	Software Engineering	14/07/2018	18PW4SE01Technical Seminar	14/07/2018
Mtech	Software Engineering	14/07/2018	18AU5CS01Research Methodology & IPR	14/07/2018
Mtech	Software Engineering	14/07/2018	18PC1CP04Advanced Algorithms	14/07/2018
Mtech	Software Engineering	14/07/2018	18PC1CP05Soft Computing	14/07/2018
Mtech	Software Engineering	14/07/2018	18PC1SE02Software Quality Assurance and Testing	14/07/2018
Mtech	Software Engineering	14/07/2018	18PE1SE05Advanced Software Engineering Principles & Practices	14/07/2018
Mtech	Software Engineering	14/07/2018	18PE1SE06Web Services and Service Oriented Architecture	14/07/2018
Mtech	Software Engineering	14/07/2018	18PE1SE07Scripting Languages	14/07/2018
Mtech	Software Engineering	14/07/2018	18PE1SE08Software Reengineering	14/07/2018
Mtech	Software Engineering	14/07/2018	18PE1CP04Cloud Computing	14/07/2018
Mtech	Software Engineering	14/07/2018	18PE1SE09Software	14/07/2018

			Architecture & Design Patterns	
Mtech	Software Engineering	14/07/2018	18PC2CP03Advanced Algorithms Laboratory	14/07/2018
Mtech	Software Engineering	14/07/2018	18PC2SE02Software Testing and Case Tools Laboratory	14/07/2018
Mtech	Software Engineering	14/07/2018	18PW4SE02Mini-Project	14/07/2018
Mtech	Software Engineering	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PC1LI01Transducers and Applications	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PC1LI02Signal Conditioning Circuits	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PC1LI03Process Instrumentation and Control	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI01Instrumental Methods of Chemical and Physical Analysis	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI02Optical Electronics and Laser Instrumentation	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI03Instrumentation Practices in Industries	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI04Neural Networks & Fuzzy Systems	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI05Data Acquisition Systems	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI06Pollution control in Process Industries	14/07/2018

Mtech	Electronics & Instrumentation	14/07/2018	18PC2LI01Instrumentation Laboratory	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PC2LI02Process Control Laboratory	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PW4LI01Technical Seminar	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18AU5CS01Research Methodology & IPR	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PC1LI05Virtual Instrumentation	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PC1LI06Medical Electronics	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI07Micro-Electro-Mechanical Systems	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI08Industrial and Power Electronics	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI09Instrumentation in Pharmaceutical industries	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI10Instrumentation in Paper & Pulp Industries	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI11Image Processing and Pattern Recognition	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PE1LI12Adaptive Control Systems	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PC2LI03Industrial Process Control Systems Laboratory	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PC2LI04Virtual Instrumentation Laboratory	14/07/2018
Mtech	Electronics & Instrumentation	14/07/2018	18PW4LI02Mini-Project	14/07/2018

Mtech	Electronics & Instrumentation	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PC1CN01Principles of Information Security	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PC1CN02Advanced Computer Networks	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PC1CN03Data Structures and Algorithms	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN01Computer Forensics and Cyber Security	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN02Machine Learning and Security	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN03Cloud Based Computing	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN04Distributed Systems	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN05Designing the Internet of Things	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN06Security in E-Commerce	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PC2CN01Information Security and Networks Laboratory	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PC2CN02Data Structures and Algorithms Laboratory	14/07/2018
Mtech	Computer Networks & Information	14/07/2018	18PW4CN01Technical Seminar	14/07/2018

			Technology		
Mtech	Computer Networks & Information Technology	14/07/2018	18AU5CS01Research Methodology & IPR	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PC1CN04Wireless Networks and Mobile Computing	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PC1CP05Soft Computing	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PC1CN05Web Scripting Languages	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN07Fundamentals of Wireless Sensor Networks	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN08Intrusion Detection	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN09Network Programming	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN10Ethical Hacking	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN11Security Assessment and Risk Analysis	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PE1CN12Information Security Management and Standards	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PC2CN03Wireless Networks Simulation and Soft Computing Laboratory	14/07/2018
Mtech	Computer Networks & Information Technology	14/07/2018	18PC2CN04Web Scripting Languages Laboratory	14/07/2018
Mtech	Computer	14/07/2018	18PW4CN02Mini-	14/07/2018

	Networks & Information Technology		Project	
Mtech	Computer Networks & Information Technology	14/07/2018	18AU5EN01English for Academic and Research Writing	14/07/2018
View File				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Automobile Engineering (Design Sensitization)	14/07/2018
BTech	Automobile Engineering (Linear Algebra and Ordinary Differential Equations)	14/07/2018
BTech	Civil Engineering (Design Sensitization)	14/07/2018
BTech	Civil Engineering (Linear Algebra and Ordinary Differential Equations)	14/07/2018
BTech	Computer Science and Engineering (Basic Electrical Engineering Laboratory)	14/07/2018
BTech	Computer Science and Engineering (Basics of Electrical Energy for Engineers)	14/07/2018
BTech	Computer Science and Engineering (Design Sensitization)	14/07/2018
BTech	Computer Science and Engineering (Linear Algebra and Ordinary Differential Equations)	14/07/2018
BTech	Electrical and Electronics Engineering (Basic Electrical Engineering Laboratory)	14/07/2018
BTech	Electrical and Electronics Engineering (Basics of Electrical Energy for Engineers)	14/07/2018
View File		

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
Mtech	POWER SYSTEMS	14/07/2018
Mtech	ADVANCED MANUFACTURING SYSTEMS	14/07/2018
Mtech	CAD/CAM	14/07/2018
Mtech	VLSI SYSTEM DESIGN	14/07/2018
Mtech	EMBEDDED SYSTEMS	14/07/2018
Mtech	SOFTWARE ENGINEERING	14/07/2018
Mtech	COMPUTER SCIENCE AND ENGINEERING	14/07/2018
Mtech	ELECTRONICS AND INSTRUMENTATION	14/07/2018
Mtech	COMPUTER NETWORKS AND INFORMATION SECURITY	14/07/2018
BTech	CIVIL ENGINEERING	14/07/2018
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	14/07/2018
BTech	MECHANICAL ENGINEERING	14/07/2018
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	14/07/2018
BTech	COMPUTER SCIENCE AND ENGINEERING	14/07/2018
BTech	INFORMATION TECHNOLOGY	14/07/2018
BTech	ELECTRONICS AND INSTRUMENTATION ENGINEERING	14/07/2018
BTech	AUTOMOBILE ENGINEERING	14/07/2018
Mtech	STRUCTURAL ENGINEERING	14/07/2018
Mtech	GEOTECHNICAL ENGINEERING	14/07/2018
Mtech	HIGHWAY ENGINEERING	14/07/2018
Mtech	POWER ELECTRONICS	14/07/2018

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
Python Programming	25/07/2018	59
Advanced Data StructuresSmart Interviews	01/08/2018	63
Machine Learning and AI	01/08/2018	58
Augmented Reality And Virtual Reality	01/08/2018	42
ServiceNow	01/08/2018	28
Python	09/07/2018	250

IOT	01/08/2018	122
Ansys CFD	03/08/2018	52
CATIA mechanical specialist	01/08/2018	45
Coding Skills	15/09/2018	21
AI, DS using R Python	18/09/2018	110
Advanced Training in Surveying Practices using Total Station	07/01/2019	50
Analysis and design of RC and steel Structures using ETABS	14/03/2019	110
Advanced Training in Surveying Practices using Total Station	27/02/2019	40
Python Programming	03/10/2018	145
Solar PV Technology and IOT Applications	22/02/2019	131
ANSYS MECHANICAL	05/03/2019	30
Python Framework (Flask, Pandas)	21/01/2019	36
Block Chain Technology	07/12/2018	36
Machine Learning	07/12/2018	37
Internet of things	22/03/2019	125
ANSYS	22/02/2019	31
Advanced Coding Skills	29/12/2018	51
Data Science	29/12/2018	72
Mobile Application Development Cyber Security	29/12/2018	71
Python Programming	29/12/2018	49
Business English Certificate	03/12/2018	89
Gender Sensitization	10/12/2018	143
Design Sensitization	27/12/2018	650
Research Methodology and IPR	20/08/2018	139
English for Academic and Research Writing	28/01/2019	139
English Language Communication Skills Laboratory	23/07/2018	210
Environmental Sciences	24/01/2019	240
Python Programming	13/10/2018	120
PLC SCADA	02/07/2018	42

Computational Fluid Dynamics (CFD)	16/07/2018	69
Additive Manufacturing	25/08/2018	46
JAVA Programming	25/08/2018	44
Python Hackathon	25/07/2018	47
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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	Computer Science and Engineering	423
BTech	Electronics and Communication Engineering	496
BTech	Information Technology	136
BTech	Electrical and Electronics Engineering	269
BTech	Mechanical Engineering	281
BTech	Civil Engineering	274
BTech	Electronics & Instrumentation Engineering	262
BTech	Automobile Engineering	117
Mtech	Structural Engineering	36
Mtech	Computer Science and Engineering	36
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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 institute has a properly structured mechanism to obtain the feedbacks from all the stakeholders like students, parents, employers, Alumni and teachers through well designed formats. The feedback received from the students and stakeholders are carefully analysed, discussed and appropriate actions are initiated at various bodies including the Department Academic Committee, Academic Council, Governing Council etc. Feedback will be given by students through online in the first month and last months of the each semester. Students give their options for all the staff (E – Excellent, G – Good, S – Satisfactory, U – Unsatisfactory) for the questionnaire provided. The

weightages for the various options are E 5, G 4, S 3, U 1. The responses given by the students are consolidated and evaluated on a five point scale. The feedback thus obtained is sent to the principal and concerned Heads of the Department for further action. Especially, the faculty who got less than 3 on a 5 point scale are addressed specifically. The institute being transparent considers the suggestions/feedbacks of faculty through different platforms like Class Review Committee (CRC) meeting, BOS, Faculty Exit Surveys and other brain storming sessions usually conducted by the institute. The feedback from the employers on the students' performance and the necessity of revising the curriculum to suit the present industrial needs is obtained through the Training and Placement Cell. Subsequently, the information is disseminated to the concerned departments. The alumni who are in the fields of process industry, service sector and other functional domains are involved in different boards/ associations like Board of Studies (BoS), Internal Quality Assurance Cell (IQAC), Alumni counselling sessions etc. The feedback thus obtained from them is utilized in the process of the curriculum enrichment. The Parent Teacher Meetings (PTMs) are regularly conducted in the departments. The valuable suggestions are obtained from the parents and noted for the possible implementations. The major correspondence between the parents and institute happens through the students' mentors and suggestions are taken. The complete procedures for feedback system is available at http://www.vnrvjiet.ac.in/feedbacksystem.php

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	CIVIL ENGINEERING	36	1317	36
BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	36	1539	36
BTech	MECHANICAL ENGINEERING	36	1597	36
BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	72	2335	72
BTech	COMPUTER SCIENCE AND ENGINEERING	72	2200	72
BTech	INFORMATION TECHNOLOGY	54	1662	54
BTech	ELECTRONICS AND INSTRUMENTATION ENGINEERING	36	1319	36
BTech	AUTOMOBILE ENGINEERING	18	217	18
Mtech	Geotechnical Engineering	5	9	5
Mtech	Structural Engineering	5	22	5

Mtech	Highway Engineering	5	19	5
Mtech	Power Electronics	5	4	1
Mtech	Power Systems	5	2	0
Mtech	Advanced Manufacturing Systems	5	7	2
Mtech	CAD/CAM	5	3	1
Mtech	VLSI System Design	5	7	1
Mtech	Embedded Systems	5	5	5
Mtech	Computer Science and Engineering	5	5	3
Mtech	Software Engineering	5	3	0
Mtech	Electronics and Instrumentation Engineering	5	0	0
Mtech	Computer Networks and Information Security	5	3	0

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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	4907	339	314	39	90

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
353	340	15	75	75	15

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

MTP is an innovative and novel program designed to train all the students from the beginning to equip with

strong academic knowledge and aggressively exploit opportunities available with Indian and Global Corporates. This program enables every student to become proactive in defining their own requirements for training. MTP is an integrated intervention of 'Career Vision Approach' and MTP aims to take positive action through its three areas of activity: • Mentoring by a faculty member • Training by Professional Trainers • Placement through Campus interviews. In this program, students are encouraged to take initiative to interact regularly with their mentors. During the weekly mentoring schedules, the student's performance is monitored through MTP record wherein the activities of the student are updated regularly. The student's strengths and weaknesses are identified by the mentor and are trained in the right direction to overcome weaknesses and further strengthen the positive attributes to groom him/her into a complete individual. This is consciously done with the specific aim to prepare the student to face challenges in this competitive world and to achieve personal and professional goals through placement. MTP book is much beyond a record of activities. It is a mirror of the student and his work in the Engineering Student life. Mentoring: 1. A faculty mentor is the first point of contact for the student part of the Induction Programme. During this, the mentors get introduced to their batch of mentees and initiate them into the academic environment. 2. The mentors assist mentees in filing up the Student Master Information Form in the MTP record. 3. The mentors organize and guide them on a tour to familiarize them with the various central and departmental facilities. 4. Facilitate interaction by scheduling unique matrixing session with the senior students 5. Conduct stimulating talks by eminent persons from the academia and industry. The mentor monitors the updation of the academic and attendance details and any other information regarding activities, in the MTP record every fortnight. • Provide timely counselling and advice to mentee in all aspects namely,Academics,CCA,ECA etc.. • Communicate the issues with the HOD for corrective measures if any. • If needed, a communication is sent to the parents regarding the status of the student. Mentoring FrameworkMentoring Book: The mentoring activities are coordinated by the Mentoring coordinator. The mentors are faculty members appointed by the HOD'S from the respective departments. Each mentor is attached to a group of 13to15 students. The mentors are trained to handle Behavioural aspects, Academic issues, Career Guidance etc.. The students are attached to the same mentor until they complete their course at the institute. Mentors are available to support the mentees even after the working hours and on all exigencies. The mentoring coordinator will meet the mentors twice each semester to discuss the schedules and follow up action and record in MTP Book. Relationship Management Centre with a Certified Personal counsellor is available in the institute for special counselling sessions and also for personal meeting between the mentor and parent.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5246	353	1:14.8

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
353	353	0	16	129

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. C.D. Naidu	Principal	Best College Principal Award
2018	Dr.Y.Padma Shayi	Professor	Ideal Teaching award
2018	Dr. Shaik Amjad	Professor	Best student project award guided by Dr. Amjad
2018	Dr. T. Srinivasa Rao	Professor	Reviewer/Session Chair
2018	Dr. M. Venkata	Professor	Reviewer/Session

		Ramana		Chair
	2018	D. Suresh	Assistant Professor	Best oral presentation
	2019	D.Swetha	Assistant Professor	NPTEL elite (IoT)
	2019	N.Sandeep Chaitanya	Assistant Professor	Managing Committee member, CSI Hyd. Chapter, Reg8
	2019	Dr. Y.Sagar	Associate Professor	Managing Committee member, CSI Hyd. Chapter, Reg8
	2018	S.Kranthi Kumar	Assistant Professor	Governor's National award for excellence in Research and Development
	2018	Dr.G.Jithender Reddy	Assistant Professor	I2ORBright Researcher Award2018 (In the field of Mathematics)
	2019	Dr.B.Ashok	Assistant Professor	Outstanding Researcher in Materials Science
	2018	Dr. B. Satya Narayana	Professor	Session Chair/ Chair for Manufacturing Stream in International conference on "Advances in Design, Materials, Manufacturing Energy systems" (ICADMMES2K18)
	2018	Dr. B. Satya Narayana	Professor	Advisory Committee member for International Conference on Recent Advances in Civil and Mechanical Engineering Practices ICRACMEP 2018
	2019	Dr. Y. Shivraj Narayan	Professor	Reviewer for funding proposal under IMPRINT scheme of SERB, DST.
	2018	Dr.Y.Padma Shayi	Professor	Best Ideal Teacher awards
	2019	Dr. G. Ramesh Chandra	Professor	IEEE Senior Member Award

2018	Dr. B D V CHANDRA MOHAN RAO	Professor	NPTEL Elitegold (Strength of materials)
2018	Dr. K.RAVIKUMAR	Associate Professor	NPTEL Elitegold (Regression analysis)
2018	SANGEETHA S	Assistant Professor	NPTEL Elitegold (Geo synthetics Testing Laboratory)
2018	B B SHABARINATH	Assistant Professor	NPTEL Elitegold (Introduction to Internet of Things)
2018	DONAPATI RAMESH REDDY	Assistant Professor	NPTEL Elitegold (Introduction to Internet of Things)
2018	KATTEKOMMULA SWETHA REDDY	Assistant Professor	NPTEL Elitegold (Hardware modeling using verilog)
2018	MALIGE GANGAPPA	Associate Professor	NPTEL Elitegold (Introduction to R Software)
2018	Dr. B D V CHANDRA MOHAN RAO	Professor	NPTEL Elite(Matrix Method of Structural Analysis)
2018	G NAGA CHANDRIKA	Assistant Professor	NPTEL Elite(Problem Solving through Programming in C)
2018	B MATHURA BAI	Assistant Professor	NPTEL Elite(Problem Solving through Programming in C)
2019	VIJAYA KUMAR GURRALA	Assistant Professor	NPTEL Elitegold (Principles of Signals and Systems)
2019	SRINIVASA RAO PATRI	Assistant Professor	NPTEL Elitegold (Principles of Communication Systems I)
2019	K.SANGEETHA	Assistant Professor	NPTEL Elitegold (Principles of Communication Systems I)
2019	NAGALEELA SAIKAM	Assistant Professor	NPTEL Elitegold (Principles of Communication Systems I)
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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	A	I/I	20/12/2018	19/01/2019
BTech	A	I/II	03/12/2018	09/01/2019
BTech	A	I/III	04/12/2018	09/01/2019
BTech	A	I/IV	03/12/2018	09/01/2019
BTech	A	II/I	15/05/2019	25/06/2019
BTech	A	II/II	07/05/2019	15/06/2019
BTech	A	II/III	08/05/2019	15/06/2019
BTech	A	II/IV	30/04/2019	14/05/2019
Mtech	D	I/I	23/01/2019	06/02/2019
Mtech	D	II/I	24/07/2019	02/08/2019

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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
1	5039	0.02

2.6 – Student Performance and Learning Outcomes

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

http://www.vnrvjiet.ac.in/POsPSOsandCOs.php

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
D58	Mtech	Computer Science And Engineering	15	14	93.33
D88	Mtech	Electronics And Instrume ntation	5	5	100.00
D78	Mtech	Computer Networks And Information Security	7	7	100.00
A01	BTech	Civil Engineering	141	120	85.11
A02	BTech	Electrical And Electronics Engineering	138	128	92.75

A03	BTech	Mechanical Engineering	140	131	93.57
A04	BTech	Electronics And Communication Engineering	284	270	95.07
A05	BTech	Computer Science And Engineering	277	270	97.47
A10	BTech	Electronics And Instrumentation Engineering	131	110	83.97
A12	BTech	Information Technology	67	64	95.52
A24	BTech	Automobile Engineering	59	44	74.58
D20	Mtech	Structural Engineering	18	15	83.33
D87	Mtech	Highway Engineering	18	16	88.89
D12	Mtech	Geotechnical Engineering	16	9	56.25
D43	Mtech	Power Electronics	10	8	80.00
D83	Mtech	Power Systems	7	6	85.71
D33	Mtech	Advanced Manufacturing Systems	15	11	73.33
D04	Mtech	CAD/CAM	13	11	84.62
D55	Mtech	Embedded Systems	18	12	66.67
D57	Mtech	VLSI System Design	12	8	66.67
D25	Mtech	Software Engineering	6	6	100.00

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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://vnrvjiet.ac.in/Student%20Satisfaction%20Survey%20Report.pdf

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
P.Radhika
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr.Y.Padma Shayi	Best Professor	02/10/2018	Ideal Teaching awards
International	Dr. G. Ramesh Chandra	Senior Member	14/05/2019	IEEE
International	Dr. P S Prasad	Travel Grant	12/11/2018	UGC
International	Dr. Yeole Shivraj Narayan	Travel Grant	25/06/2019	UGC

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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	3	Device Development (DST)	14.1	9.1
Major Projects	2	SERB	19.72	9.86
Major Projects	2	ARDB, New Delhi	9.32	0.97
Major Projects	1.5	BIRAC – Biotechnology Ignition Grant(BIG) Scheme	44.8	26.8
Major Projects	1.5	BIRAC – Biotechnology Ignition Grant(BIG) Scheme	45.6	40.2
Major Projects	3	DST	8.77	3.93
Minor Projects	1	AIA Hyderabad	1	0.4
Minor Projects	1	AIA Hyderabad	1	0.4
Minor Projects	2	UGC	1.95	0.55
Minor Projects	3	UGCDAE	1.35	0.5
Industry sponsored	1	Anika Society for Social	1	0.1

		Welfare		
Projects				
Industry sponsored Projects	1	IFDE Info Tech. Indore	1	1
Industry sponsored Projects	1	PujRoh Innovative Technologies Pvt. Ltd	2.42	0
Industry sponsored Projects	3	Rachana Machines Pvt. Ltd	1.5	1.5
Industry sponsored Projects	3	Shiridi Sai Electricals Pvt. Ltd.	10	3.4
Any Other (Specify)	1	Skill and Personality Development ProgramSPDP	15.63	7.82
Any Other (Specify)	1	National Level Training program (Deep Learning/ Machine Learning/ Artificial Intelligence)	9	9
Any Other (Specify)	2	MODROBS by AICTE	10	8
Any Other (Specify)	1	UGC Travel Grant	2.07	2.07
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 3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
World IP Day	ED Cell	26/04/2019
ORL Makers Garage - 2K18	ED Cell	06/06/2018
Technopreneurship	ED Cell	06/09/2018
Orientation to TEP and Learning Management System	ED Cell	18/01/2019
Technopreneurship	ED Cell	09/07/2018
Expert Talk on IPR	ED Cell	28/11/2018
Expert Talk on IPR	ED Cell	14/11/2018

MY BIG IDEA COMPETITION	ED Cell	26/03/2019
MY BIG IDEA COMPETITION	ED Cell	06/03/2019
MY BIG IDEA COMPETITION	ED Cell	24/10/2018
Innovation and Entrepreneurship on Cyber Security	ED Cell	11/03/2019
Entrepreneurship Opportunities in Cyber Security	ED Cell	13/03/2019
Expert Talk on Entrepreneurship, Start-ups and Innovation by Arizona State University	GRO	19/09/2018
Talk on Entrepreneurship and Innovation Vice President of India	VNR VJIET	02/03/2019
Orientation Session on Entrepreneurship and Start-up by Munich Business School, Germany	GRO	18/09/2018
How are ML and AI Solving Current Industry and Research Challenges	GRO	12/11/2018
Opportunities for Innovation in the USA by Sr. Vice Provost of University of Alabama, Birningham	GRO	08/02/2019
Guest Lecture by Mr. Vikram Jit Misra of NEN	ED Cell	27/03/2019
Design2Solve	ED Cell	18/01/2019
Expert Talk on IPR and Innovation	ED Cell	27/10/2018
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Best Student innovator	P. Yashwanth Goud, Shaik Mohanmmed Asif,	ISTE – TS	11/01/2019	Annual Convention and Awards 2018
Best Student innovator	B. Akhilesh	ISTE – TS	11/01/2019	Annual Convention and Awards 2018
Supra SAE 2018	Team Fierce Formula (Automobile Engineering Students)	Supra SAE	29/06/2018	Innovative Student
BAJA SAE India 2019	Team Vettura Racing	SAE INDIA	01/03/2019	Innovative Student

	(Automobile Engineering Students)			
A system for analyzing risk Associated with cough sounds	Dr.Y.Padma Sai	Korea Women Inventors Association (KWIA)	23/06/2019	Korea Women Inventors Association (KWIA)
Richard E Merwin Scholarship	Ankitha Gudla	IEEE Computer Society	02/11/2018	Student Awards
Vibrant Student Branch	VNRVJIET	IEEE Hyderabad Section	10/08/2019	Institution
Best Chapter for Telangana Section	VNRVJIET	ISTE	10/07/2018	Engineering College in Telangana Section
Development of folding bike	Best student Innovator	ISTE, TS Section	11/01/2019	Student
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
VJHUB	VJHUB	Vignana Jyothi	nil	nil	01/01/2019
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
CIVIL ENGINEERING	2
ELECTRICAL AND ELECTRONICS ENGINEERING	4
COMPUTER SCIENCE AND ENGINEERING	1
INFORMATION TECHNOLOGY	1
ELECTRONICS AND INSTRUMENTATION ENGINEERING	1
HUMANITIES AND SCIENCES	3
MECHANICAL ENGINEERING	1
ELECTRONICS AND COMMUNICATION ENGINEERING	5

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	Civil Engineering	11	2.1
International	Civil Engineering	14	2
International	Automobile Engineering	8	0.3

International	Electronics and Communication Engineering	46	2.5
International	Electronics and Instrumentation Engineering	7	2.2
International	Computer Science and Engineering	25	4.5
International	Information Technology	22	3.1
International	Humanities and Sciences	33	4.06
International	Electrical And Electronics Engineering	53	3.05
International	Mechanical Engineering	14	2.5
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Civil Engineering	43
Electrical and Electronics Engineering	33
Mechanical Engineering	39
Electronics and Communication Engineering	19
Computer Science and Engineering	15
Electronics and Instrumentation Engineering	9
Information Technology	18
Automobile Engineering	8
Humanities and Sciences	19
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
A SYSTEM FOR ANALYZING RISK ASSOCIATED WITH COUGH SOUNDS	Published	308156	27/02/2019
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the 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

ASTRA - A Novel interest measure for unearthing latent temporal associations and trends through extending basic gaussian membership function	Radhakrishna V	Multimedia Tools and Applications	2019	1	Department of Information Technology, VNR Vignana Jyothi Institute of Engineering and Technology (Autonomous), Hyderabad, Telangana 500090, India Department of Software Engineering, Jordan University of Science and Technology, Irbid, Jordan	14

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Experimental Investigations on Lean Burn Spark Ignition Engine Using Methanol - Gasoline Blends	Suresh Devunuri	SAE International	2019	97	0	VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	112	23	75
Presented papers	118	26	2	0
Resource persons	1	20	10	15

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil Engineering	Geo Physical Investigation to find Potential Ground water recharge sites in Pragathi Nagar	Awareness in Action Hyderabad	100000
Civil Engineering	Selection suitable sites for vehicle parking in Pragathi Nagar, Kukatpally, Nizampet Road and development of mobile applications for showing parking sites to the vehicle users	Awareness in Action Hyderabad	100000
ECE	Development of high performance SARADC	MMRFIC ltd.	500000
CSE ECE	Developing VR Tour for Warangal Heritage Sites	Tourism Department- Government of Telangana	1000000
ECE	White Board Animation Videos	Anika Society for Social Welfare	10000
EEE	Development of High voltage DC Power Supply for ultra sound wave generator paper sealing application	Rachana machines Pvt. Ltd	150000
EEE	Transform No Load losses acquisition	Shiridi Sai Electricals Pvt. Ltd.	1000000
EIE	Remote Patient Monitoring Device (RPMD)	M/s Pujroh Innovations.	225000
Civil Engineering	Soil Testing	Throne consultancy	100000
Civil Engineering	Third party quality control	GHMC	6987530

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
Mechanical Engineering	Certificate Course on CFD	M/s Invok Engineering	207000	69

		Solutions		
Dr. V. Ramesh Babu, Mr. DSG Krishna, Dr. P. Naresh	Power Electronics (Electric Machines Battery Technology)	Hyundai RD	100000	5
VNRVJIET	Python Programming	Srinivas Mallampati – Founder CEO TechyBees iMoBees	178000	178
P Radhika (CSE), M Manasa Devi (CSE)	PEGA Technologies	VNRVJIET	57000	57
VNRVJIET	Machine Learning and AI	Manish Jain IFDE, Indore	244000	61
VNRVJIET	Augmented Reality And Virtual Reality	EDUKINECT, Silicon Valley, Madhapur, Hyd.	280000	80
VNRVJIET	Block chain Technology	Manish Jain, IFDE, Indore	168000	42
Automobile Engineering	Certificate course on ANSYS	INVOKE Engineering Solutions	124000	31
Automobile Engineering	Certificate course on Ansys-CFD	ARK Info solutions Pvt Ltd	245000	52
Mechanical Engineering	Certificate Course Additive Manufacturing	M/s Shigemy Scientific Solutions	128800	46
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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
Extension and Outreach Programmes - Outreach program in adharsha balya vedika orphan home	Computer Society of India (CSI)	3	25
NSS Initiative for Rice Collection - Fist Full of Rice Event	NSS	2	150
Usage of Handmade Products -Diya distribution on Eve of Diwali	NSS and Abhaya Care Foundation	2	150

Appreciation Drive - Appreciating Public Sevants for their Social Responsibility	NSS	2	150
Recycling Stationery IDEAL (I Donate for Education and Learning)	VNRSF	1	150
International women's day - VNR VJIET	VNRSF	1	150
Reuse of Waste Material Wealth out of Waste	VNRSF	1	150
NSS Special Camp - Career Guidance for Government High School in Reddipalli Village	NSS	2	50
NSS Special Camp - Employment Opportunity Programme	NSS and The Youth	2	50
NSS Special Camp - Interact with the senior citizens at Rama Naidu Charitable Trust	NSS	2	50

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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
Helping Hand for Old age people at Krishna Sadan	Appreciation Letter	Krishna Sadan, Kandlakoya, Medchal	25
Distribution of Air Coolers for Orphans at Adarsh Balya Vedika	Appreciation Letter	Adarsh Balya Vedika, Chanda Nagar, Hyderabad	25
Donation of Rice Bags, Daily needs and Clothes at Adarsh Balya Vedika	Appreciation Letter	Adarsh Balya Vedika, Chanda Nagar, Hyderabad	25
Importance of Cyber Security and, usage of smart Mobiles how to get rid of fake calls for villagers	Appreciation Letter	Gram Panchayath, Machnoor	25

Smart Resource Utilization and Menstrual Hygiene Management	Appreciation Letter	MPPS Machnoor	25
Conducting "Digitalization Program in Rural Areas"	Appreciation Letter	Gram Panchayath, Machnoor	25
Swechha Youth Programme	Recognition to Mr. V. Manideep Chowdary	CMRIT	500
Providing Notebooks to Mandal Parishad Primary School, Kowidpally	Appreciation for VNRSF Students	MPPS , Kowdipally	45
Extraordinary work through Social Service, Clean and Green and Tree Plantation by Rotaract Club	Appreciation for Staff and Students	Rotary Club, Hyderabad	35
Motivating students in Education Trends	Appreciation for VNRSF Students	Zilla Parishad High School Reddypally	25
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
NSS Initiative for Rice Collection	NSS	Fist Full of Rice Event	2	150
Appreciating Public Servants for their Social Responsibility	NSS	Appreciation Drive	2	150
Interacting and Empowering Students	VNRSF	Visit to Special Home for Boys, Hyderabad	2	45
Web casting for General Elections for Telangana State Legislative Assembly - 2018	VNR VJIET	Telangana State Election Commission	1	24
Organising the Event and Conducting the Cultural Activities and	NSS	NATIONAL CULTURAL FESTIVAL FOR DEAF WOMEN	10	20

Competitions				
NSS Special Camp	NSS and Thalassemia and Sickle cell society	Blood Donation Camp	2	50
E - Outreach Programme	Computer Society of India (CSI)	Conducting "Digitalization Program in Rural Areas"	4	25
Extension and Outreach Programmes	Computer Society of India (CSI)	Awareness program road safety measure and obey traffic rules	3	25
Extension and Outreach Programmes	Computer Society of India (CSI)	Helping Hand for Old age people at Krishna Sadan	2	25
Health Camp at Chippalathurthy village	Rotaract Club	Lions Club and SLG Hospitals, Hyderabad	3	25
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Collaboration for Research activity at NIT, Warangal	Dr. C.D. Naidu	VNR VJIET	365
Collaboration for Research activity at NIT, Warangal	Dr. B. Chennakesava Rao	VNR VJIET	365
Research project	Dr. M.Venkata Ramana	ARDB, New Delhi	730
Research (An NDVI based Spatial Pattern Analysis for Spatial Image Classification)	Dr. C.Kiran Mai	Self Sponsored	180
Research (Efficient quantum cryptography technique for key distribution)	Dr. P.V.Shiva Kumar	Self Sponsored	180
Research (Energy Efficiency Load Balancing of Nodes using Soft Computing approach in WBAN)	Dr.Rakhee	Self Sponsored	180
Research (Implementation of	N.Sandeep Chaitanya	Self Sponsored	180

DHS for Effective Usage of Resources and Providing Security using ECC in Multi Cloud Environments)					
Student Exchange (Guest Lecture on Research Ideas and Opportunities)	III B.Tech CSE	VNRVJIET			1
Student Exchange (My journey from student to entrepreneur)	III B.Tech CSE	VNRVJIET			1
Student Exchange (Cyber Crime and Forensics)	III B.Tech CSE	VNRVJIET			1

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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
Industry Institute Collaboration	Internship	DELOITTE	03/12/2018	24/05/2019	28
Industry Institute Collaboration	Internship	GGK TECHNOLOGIES	03/12/2018	29/05/2019	19
Industry Institute Collaboration	Training courses	EXCELR Solutions Pvt. Ltd.	20/11/2018	21/11/2018	240
Industry Institute Collaboration	Mentor Connect, Boot Camps and Hackathons, Corporate Challenges, International Contests, Product Development and incubation, Entrepreneurship Development, E- Summits, Funding Oppo	Eleven 01	25/07/2018	31/07/2018	1500

Industry Institute Collaboration	RD, Entrepreneurship	TiE	05/02/2019	05/02/2019	120
Industry Institute Collaboration	Project Works, Industrial training, Industrial visits, Research projects, Campus interviews, Internships	kWatt solutions PVT Ltd	02/01/2019	02/01/2019	122
Industry Institute Collaboration	Certification course, internship and placement	RVJ Techno Solutions	14/01/2019	18/01/2019	60
Industry Institute Collaboration	Boot camps, Hackathons, product development process innovation, Joint research, FDPs Certificates Programs	Idea labs	03/10/2018	03/10/2018	200
Industry Institute Collaboration	Certification course, internship and placement	IT Versity	01/11/2018	01/11/2018	45
Industry Institute Collaboration	Certification course, internship and placement	Mroads	03/11/2018	03/11/2018	52

(Top partial cell) rtunities, C-Innovation, Joint Research, FDP's, Certificate Programmes

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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

Pujroh Innovative Technologies Pvt Ltd	05/03/2019	Student Projects and Internships	2
kWatt solutions PVT Ltd	02/01/2019	Project Works, Industrial training, Industrial visits, Research projects, Campus interviews, Internships	122
RVJ Techno Solutions	14/01/2019	Certification course, internship and placement	60
Idea labs	03/10/2018	Boot camps, Hackathons, product development process innovation, Joint research, FDPs Certificates Programs	200
TiE	05/02/2019	RD, Entrepreneurship	120
Eleven 01	25/07/2018	Mentor Connect, Boot Camps and Hackathons, Corporate Challenges, International Contests, Product Development and incubation, Entrepreneurship Development, E-Summits, Funding Opportunities, C-Innovation, Joint Research, FDP's, Certificate Programmes	1500
EXCELR Solutions Pvt. Ltd. (IT)	20/11/2018	Training courses	240
Auzatech Solutions	12/12/2018	Cerification course, internship and placement	50
Braino Vision	01/11/2018	Certification course, internship and placement	50
Mroads	03/11/2018	Certification course, internship and placement	52
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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
1160.14	982.64

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Newly Added
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
LIBSYS	Fully	4.0	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	75874	19314482	1874	960035	77748	20274517
Reference Books	13954	697700	104	52000	14058	749700
e-Books	845	0	425	180000	1270	180000
Journals	274	628372	4	22500	278	650872
e-Journals	1355	2903568	0	0	1355	2903568
Digital Database	3	303108	0	0	3	303108
CD & Video	2362	210000	0	0	2362	210000
Library Automation	0	0	0	0	0	0
Weeding (hard &	1504	373950	49	8633	1553	382583

| Others(specify) | 0 | 0 | 0 | 0 | 0 | 0 |

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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
S. Nagarjuna Chary	You-Tube	OBS Studio	07/06/2019
Tejaswi Potluri	LMS(Learning Management System)	Animaker	26/01/2019
Dr. D SrinivasaRao	Soft Computing content	Webnode	02/07/2018
All Faculty	Academic Course Content	MOODLE and EduPrime	01/01/2018

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1977	51	350	4	3	15	9	43	0
Added	60	2	150	0	0	1	0	19	0
Total	2037	53	500	4	3	16	9	62	0

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

<div align="center">62.5 MBPS/ GBPS</div>

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
TEQIP studio, PG Seminar Hall, Board Room, Auditorium, Career Vision Promotion Center, Two Advance English Language communications skills Laboratories, Multimedia Laboratory, Oral communications Skills Laboratory, B Block Seminar Hall, PG BoardRoom	http://www.vnrvjiet.ac.in/naac/mediacentre.php

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
399.08	474.02	2189.03	1413.59

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)

Predefined procedures are available and executed within the Institute for the utilization and maintenance of its physical equipment like Laboratories, Computers, ICT tools provided in the class rooms the facilities like Sports, library, Creche and other medical services. To name few Standard Operating Procedures (SOPs): 1. SOP for General Maintenance: Maintained by Engineering Cell, Security Wing 2. SOP for Stock Verification : 3. SOP for maintenance of Computers and Networking 4. SOP for EPABX and Telephones 5. SOP for Electrical equipment maintenance 6. SOP for Mechanical maintenance 7. SOP for Civil maintenance 8. SOP for Procurement of Diesel for power house 9. SOP for Procurement of consumables for Academic and Research labs Laboratories are well maintained on regular basis as per the scheduled due dates which generally fall in nonperforming days. Most of the technical issues related to data processing units like computers in the departments get addressed by the concerned computer operators who are well qualified and trained to the specific task. Library keeps on updating its books repository on yearly basis in accordance with the changes in the curricula. Inputs from the student and faculty are received in the prescribed format for the procurement of books which cover the topics beyond syllabus on the approval of library committee. The library committee meetings are held at the frequency of 3 months to discuss on the upgradation of the library in terms of procuring the technical and nontechnical books. The gym and other sports equipment are serviced on the need base in the supervision of physical director. The play grounds are well maintained by exclusive groundsmen and kept ready for use. Stipulated procedures are documented and executed for the maintenance of the computer systems. The data processing units like computer are frequently upgraded to the next versions to have compatibility with advance research and academic projects. As all the classrooms in the institute are ICT enabled, exclusive personnel is dedicated for the continuous monitoring and maintenance to keep the equipment in good condition. Backup ICT units are kept ready to handle scheduled outages and any unforeseen damages so that the classroom functioning does not get affected.

http://vnrvjiet.ac.in/procedures.php

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fee Wavier	52	14838852
Financial Support from Other Sources			
a) National	Scholarship from Govt. and Others	3935	173734300
b)International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial Classes	05/12/2018	60	VNRVJIET

Orientation Session on Industry readiness for Mtech Students	22/02/2019	150	Head Training Placements
High Intensity Training program for 2020 batch	08/05/2019	430	Triumphant Training Solutions
Orientation Session on EPAM Pre-Education Program	30/01/2019	130	M/s.EPAM
Placement Readiness Program for 3rd year students	10/12/2018	600	M/s.CreateU
Technical Session in view of Capgemini	15/09/2018	220	Suntek Corporation Mr.Ramana
Road show Event by JP Morgan Chase	14/02/2019	120	JPMorgan Chase
Aptitude Training	16/07/2018	500	Triumphant Solutions EMENTOR
Pre-Placement Talk by Capgemini Leadership team	25/07/2018	350	Capgemini-Mr.Kiran Boosam-Director
Diagnostic Career Test for Final years	05/07/2018	900	Cocubes
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Assessment, Career Suitability Report followed by Career Counselling conducted by Aspiring Minds	0	285	0	150
2019	Assessment, Career Suitability Report followed by Career Counselling	0	1015	0	618

Year	Activity				
2018	conducted by Cocubes - Pre-Assess test for IV Year Students				
2018	CRT - Campus recruit training	36	42	5	30
2018	Assessment, Career Suitability Report followed by Career Counselling conducted by Cocubes phase -1	0	435	0	200
2018	Placement Eligibility Test-1 by First Naukri. For Pre final year students.	0	1062	0	300
2018	Assessment, Career Suitability Report followed by Career Counselling conducted by Aspiring Minds (Skill Assessment partner for many MNC's)	0	1180	0	391
2018	Career Counselling activities	0	230	0	224
2019	GATE	52	0	52	52
2019	GRE	29	0	29	29
2019	TOFEL	33	0	33	33

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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
2	2	5

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
123	1293	1218		0	0
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	2	B.Tech	Automobile Engineering	Northumbria University	Masters in Mechanical Engg
2019	1	B.Tech	Automobile Engineering	Wright State University	Masters in Mechanical Engg
2019	1	B.Tech	Automobile Engineering	Cranfield University	Msc. In Automotive Engineering
2019	1	B.Tech	Automobile Engineering	Otto von Guericke University Magdeburg	MS
2019	1	B.Tech	CIVIL ENGINEERING	NIT, Surat	M.Tech in Structural Engineering
2019	1	B.Tech	CIVIL ENGINEERING	School of Planning & Architecture, Delhi	M.Plan in Urban Planning
2019	1	B.Tech	CIVIL ENGINEERING	NTIW	Remote Sensing & GIS
2019	1	B.Tech	CIVIL ENGINEERING	NITW	Structural Engineering
2019	1	B.Tech	CIVIL ENGINEERING	NITR	Structural Engineering
2019	1	B.Tech	CIVIL ENGINEERING	NITR	Structural Engineering
2019	1	B.Tech	CIVIL ENGINEERING	VJIM	MBA
2019	1	B.Tech	CIVIL ENGINEERING	Griffith University	Master of Project Management advanced

2019	1	B.Tech	CIVIL ENGINEERING	Deakin University	Master of construction management
2019	1	B.Tech	CIVIL ENGINEERING	Hokkaido University(Japan)	Masters in Geotechincal Engineering
2019	1	B.Tech	CIVIL ENGINEERING	concordia university	MS
2019	1	B.Tech	CIVIL ENGINEERING	Bowling Green State University	Masters in Construction Mgmt & Tech
2019	1	B.Tech	CIVIL ENGINEERING	NIT Warangal	M.Tech Remote Sensing & GIS
2019	1	B.Tech	CIVIL ENGINEERING	University of Leeds	M.Sc in Construction Management
2019	1	B.Tech	CIVIL ENGINEERING	NIT, Surathkal	M.Tech in Marine Structures
2019	1	B.Tech	CIVIL ENGINEERING	Hokkaido University(Japan)	M.Sc in Soil Mechanics

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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	52
GMAT	21
CAT	1
GRE	29
TOFEL	33
Any Other	2

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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
Scientia Virtual	National	1075
Sintillashaunz	National	1200
Eleventh Indian Open Inter Engineering Collegiate Sports Fest	National	400
Face off Saarang	National	250
NAAC Visit Cultural programs	National	600
Convergence Workshops	National	565

Electronique	National	846
Independence Day Events by Clubs	National	510
Yugma	National	150
Robotics	National	27
	View File	

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	Bronze	National	1	0	17071A0191	M.MANASA
2019	Silver	National	1	0	17071D2018 15071A01B1 16071A0137 16071A0217	C.MRUNALINI REDDY T.VEDA NANDINI M.BINDU PRANAVI E.NAGA DURGA
2019	Silver	National	1	0	16071A0517	GOPANI SHRAVAN
2019	Silver	National	1	0	15071A1030	M KRISHNA SRAAVYA
2019	Gold	National	1	0	15071A0399 15071A0150 16071A1048 16071A2451	N.ROSHWIN S.PARDHU REDDY S.VINAY KUMAR V.ESWAR
2019	Gold	National	1	0	15071A04M8 15071A01C0 1607A0421 16071A0372	SUBHA BISWAS P.V AMSHIKRISHNA SUBHAS .G C.YOGESH
2019	Gold	National	1	0	15071A0399 15071A0392 15071A0150 16071A1048	N.ROSHWIN M.V.JAYANT REDDY S.PARDHU REDDY S.VINAY KUMAR
2019	Gold	National	1	0	17071A1288	MADHURAVAN I.L
2019	Gold	National	1	0	15071A03B7 15071A0118 16075A0217 15071A0342	M.PRANEETH G.RAGHAVENDER G.RAKESH

						P. VAMSHI KRISHNA NAIK
2019	Gold	National	1	0	15071A1219 15071A04H3 16071A10B7 16071A0489	G.VIDHYA T .S.SANDHYA RANI V.PAVANI G.ANKITHA
2019	Silver	National	1	0	15071A01B1 16071A0137 16071A0217 17071A1225	T.VEDA NANDINI M.BINDU PRANAVI E.NAGA DURGA K.SRIHITHA
2019	Silver	National	1	0	16071A0519	G.YASHNA LAHARI
2019	Gold	National	1	0	15071A03B7 15071A0118 15071A0342 17075A0319	M.PRANEETH G.RAGHAVEN DER P.VAMS HIKRISHNA NAIK B.VIN ODGOUD
2019	Gold	National	1	0	18071A1048 18071A0455	P.SHANMUKH SRI KRISHNA T.NIKHIL
2019	Gold	National	1	0	16071A0539 18071A0184	NALLAPATI KEERTHANA K.CHINMAYI
2019	Gold	National	1	0	16071A10B7 17071A1078 17071A1251 17071A0281	V.PAVANI G .MANASWINI N.SHREESHA G.GOWTHAMI
2019	Silver	National	1	0	17071A0228	K.VEENA
2019	Silver	National	1	0	17071A10B1	S SRIYA
2019	Silver	National	1	0	17071A2431 17071A2171 17071A10B1 17071A0231	P KOMALA B KEERTHI REDDY S SRIYA K.KOVIDHA
2019	Silver	National	1	0	17071A2431 17071A2171 17071A10B1 18071A0274	P KOMALA B KEERTHI REDDY S SRIYA D VANAJA
2019	Silver	National	1	0	16071A1057 18071A1044 18071A03B4	V.LIKITHA SRI P.JUHI MOHAN J.VYSHNAVI
2019	Silver	National	1	0	15071A0399 15071A0150	N.ROSHWIN S.PARDHU

					16071A1048 16071A2451	REDDY S.VINAY KUMAR V.ESWAR
2019	Silver	National	1	0	15071A05M2 15071A0102 15071A1258 16071A1225	SK.SAJID NIHAL AVINASH TIWARI U.AJAY SHYAM KUMAR
2019	Bronze	National	1	0	17071A2431	P KOMALA REDDY
2019	Bronze	National	1	0	17071A2431	P KOMALA REDDY
2019	Bronze	National	1	0	17071A0231	K.KOVIDHA
2019	Bronze	National	1	0	17071A2171	B KEERTHI REDDY
2019	Bronze	National	1	0	15071A0214 15071A0229 17071A0199 17075A0222	CH.MURALI KRISHNA K.SAI KIRAN M.SAI KRISHNA B.SRIHARI
2019	Bronze	National	1	0	15071A0209 17075A1007 17071A0231 17071A0191	B PRAVALIKA PAVITHRA K.KOVIDHA M.MANASA
2019	Bronze	National	1	0	16071A0517	G.SHRAVAN
2019	Bronze	National	1	0	16071A0472	D SPANDANA REDDY
2019	Bronze	National	1	0	16075A0112 15071A0139 15071A04M2 17071A12H8	B.SHRAVANI M.KIRANMAI R.VASAVYA Y.KRISHNAS REE
2019	Bronze	National	1	0	18071A0264 18071A0277 17071A04N6	B.SAI REVANTH G.ROHAN VARMA VATSAL AMUDA
2019	Bronze	National	1	0	16071A0570 16071A0269 17071A0163 17071A0414	CH.EKSHITH A D.MANISHA SAI NEHA ATHOTA G.V AISHNAVI CHOWDARY
2019	Silver	National	1	0	17071A0199	M.SAI

Year	Medal	Level	(col1)	(col2)	Roll No.	Name
						KRISHNA
2019	Silver	National	1	0	17071D2018 15071A01B1 16071A0137 17071A1225	C.MRUNALINI REDDY T.VEDA NANDINI M.BINDU PRANAVI K.SRIHITHA
2018	Gold	National	1	0	15071A01B1 16071A0137 16071A0217 17071A1225 17071A12F7 17071A10B1 17071A1015 17071A05I5 17071A1271	T.VEDA NANDINI M.BINDU PRANAVI E.NAGA DURGA K.SRIHITHA P.SANJANA S.SRIYA B.DEEPIKA G.ANUSHNA B.KEERTHI REDDY
2019	Gold	National	1	0	16071A0517	G.SHRAVAN
2018	Gold	National	1	0	17071D2018 15071A01B1 16071A0137 16071A0217 17071A1225 17071A12F7 17071A10B1 18071A0234 18071A10B4	C.MRUNALINI REDDY T.VEDA NANDINI M.BINDU PRANAVI E.NAGA DURGA K.SRIHITHA P.SANJANA S.SRIYA MEDUKONDURU VARSHA YOSHIKA TALASILA
2018	Gold	National	1	0	15071A05M2	SK SAJID NIHAL
2018	Silver	National	1	0	17071A0244	P.SRI PRANAY
2018	Silver	National	1	0	18071A1044 18071A1211 18071A04A3	VAISHNAVI TALLURI P.JUHI MOHAN P.B. MANASWANI
2018	Silver	National	1	0	17071D2018 15071A01B1 16071A0137 16071A0217 17071A1225	C.MRUNALINI REDDY T.VEDA NANDINI M.BINDU PRANAVI E.NAGA DURGA K.SRIHITHA

2019	Gold	National	1	0	18071A02B4 18071A1044	VAISHNAVI TALLURI P.JUHI MOHAN
2019	Gold	National	1	0	15071A0399 15071A0392 15071A0150 16071A1048	N.ROSHWIN M.V.JAYANT REDDY S.PARDHU REDDY S.VINAY KUMAR
2019	Silver	National	1	0	18071A1044	P.JUHI MOHAN
2019	Gold	National	1	0	15071A0399 15071A0392 15071A0150 16071A1048	N.ROSHWIN M.V.JAYANT REDDY S.PARDHU REDDY S.VINAY KUMAR
2019	Gold	National	1	0	15071A03B7 15071A0118 16075A0310 15071A0342	M.PRANEETH G.RAGHAVEN DER K.AJAY KUMAR P. VAMSHI KRISHNA NAIK
2019	Silver	National	1	0	17071A0199 15071A0214 15071A0229 15071A0319	M SAIKRISHNA CH MURALI KRISHNA K.SAIKIRAN K.PREETHAM
2019	Silver	National	1	0	15071A03B7 15071A0118 15071A0342 15071A04B1	M.Praneeth G.Raghaven der P. Vamshi Krishna Naik K SAI PRUDHVI
2019	Gold	National	1	0	17071A2431	P.KOMALA REDDY
2019	Bronze	National	1	0	17071A0126	N. MAHESH
2019	Gold	National	1	0	17071D1218 15071A01B1 16071A0137 17071A10B1	C.MRUNALIN I REDDY T.VEDA NANDINI M.BINDU PRANAVI S.SRIYA
2019	Gold	National	1	0	17071A1288	L.MADURAVA NI
2019	Silver	National	1	0	15071A0399	N.ROSHWIN

					15071A0150 16071A1048 16071A2451	S.PARDHU REDDY S.VINAY KUMAR V.ESWAR
2019	Bronze	National	1	0	17071A0199	M.SAI KRISHNA
2019	Bronze	National	1	0	17071A0199	M.SAI KRISHNA
2019	Bronze	National	1	0	16071A1092 16071A2422 17071A01B9 17071A02C0	M.BHARATH KUMAR K.VIJAY BHASKAR Y.SUHAS KUMAR Y.MADAN MOHAN REDDY
2019	Gold	National	1	0	15071A0399 15071A0392 16071A1048 16071A2451	N.ROSHWIN M.V.JAYANT REDDY S.VINAY KUMAR V.ESWAR
			[View File](#)			

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

VNRVJIET has the rich culture of encouraging the students' participation and representation in decision making through different academic and administrative committees and hence causes for better academic environment in the institute. While making the policy decisions, the students' perception is well taken into the consideration and the institute puts the continuous and constant efforts for the all-round development of students. The students are encouraged to become a part of various chapters of professional societies like IEEE, IETE, ISTE, CSI, ICI, IEI, SAE, VSI, ASME and ISOI. Also student are involved as members in several Institute and Department level committees with active participation. Few committees/ cells having the students involvement are mentioned below: Internal Quality Assurance Cell (IQAC): As the Students are end beneficiaries from the institute, they are involved in IQAC to manifest and promote the quality initiatives to be implemented in the institute. Women Welfare committee: The girl students mostly from the final year are made part of the committee to address issues related to women welfare. Library Committee: The Students representation is well taken into the consideration while constituting the library committee and hence the student are involved in formulating the procedures of issuing and renewal of books. The students are consulted in procurement of new titles and other additional learning resources. Sports Committee: Student representatives give valid suggestions towards the sports activities within the institute and also address the adequacy of the infrastructure and other facilities. Canteen Committee: The quality and hygiene of the canteen is monitored by student representatives along with the other nominated faculty members. They visit frequently and collect feedback from peers and also continuously monitor the quality and quantity of the food served. Hostel Committee: The students play a major role in checking the food in the aspects of quality, hygiene, cleanliness etc. Also they voluntarily monitor day to day activities and bring to the notice of the warden immediately

if any discrepancies. Fest Organizing Committee: The prestigious technical fest CONVERGENCE and cultural fest SINTILLANSHUNZ, National level SPORTS FEST and Open House are solely organized by students only with the back support of faculty. These student based activities are useful for promoting entrepreneur and event management skills in them. Student members of all professional societies and student clubs actively participate in the events and make them success. Editorial Boards : The students are involved in editorial boards of Vignana Vahini, an annual magazine and Vignana Vartha a quarterly news magazine and make the students a part of the scrutiny process of various Academic and extracurricular articles. ECA/CCA Committee: the Students from different clubs like Literary club, Crescendo(Music) club, Creative arts club, Livewire club, Dramatics club, Classical dance club, Photography VJTheatro represent the institute ECA/CCA committee. Class Review Committee (CRC): students (mostly 5 to 6 from each class) represent their class in CRCs meetings along with HoD and faculty handling the class and discuss the issues related to the class. In addition to the above, students are encouraged to participate in NSS activities.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

VNR VJIET Alumni Association is a registered body bearing Regd. No: 2154 consisting of a Coordination Committee, Executive Committee and student Coordination Committee to engage, execute and enhance various activities of the Association. 9600 alumni are connected to the alma mater, faculty and students through an exclusive portal www.vnralums.com. VNR VJIET Alumni Association provides a focal point of contact among alumni to interact and network with each other as well as with the alma mater. The alumni association of the institute is the conglomeration of leaders, entrepreneurs, social entrepreneurs, professionals and bureaucrats catering to the society in various designations. Alumni Home Coming Day, YUGMA is conducted on the third Saturday of December every year. The institute encourages the Alumni entrepreneurs to incubate their ideas at VJ Hub by providing the necessary infrastructure and seed money of 5 Lakhs. Alumni Participation in Curricular and CoCurricular Activity: BOS members in all departments provide feedback for Curriculum improvement to meet the demands of Industry. Mentoring programme for III B.Tech towards placements and career advancement. Expert talk as a part of Career Vision Programme for I B.Tech students. Alumni intensive training programme for placements. Guest Lecture series on various motivational and technical issues. Alumni Guidance for projects Participation in NSS Activities Financial Contributions: Mr. RISHI TIRUPARI of 20022006 Batch of Civil Engineering sponsors the tuition fee for one meritorious student in Civil Engineering branch through "Rishi Tirupari Endowment Scholarship" every year. and Mr. T.Shushanth of 2011-2015 Batch of Automobile Engineering Department has sponsored the tuition fee for one student of IV B.Tech of his parental department

5.4.2 – No. of registered Alumni:

11272

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

816500

5.4.4 – Meetings/activities organized by Alumni Association :

1. Alumni AssociationExecutive committee meeting is conducted twice (27/06/2018 23/02/2019)this year. 2. Faculty Coordination committee meetings conducted on

10/11/2018 16/06/2019. 3. Student Coordination committee meeting is conducted on need basis. 4. Alumni Meet is conducted every year in 3rd week of December. Last meet is held on 15/12/2018. 5. Alumni guest lectures are conducted on regular basis 6. Executive and Faculty meetings are conducted on 29/09/2018 23/02/2019

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)

Decentralization and Participative management: The institution has got a decentralized and transparent mechanism in management, administration, financial and academic affairs. This mechanism is delegating appropriate responsibilities from the top level management to low level and allows the top management to focus on policy making and major decisions. The Governing council is the highest decision-making body which formulates/ amends rules and regulations, delegates powers and responsibilities to various Committees, Principal, Heads of the Departments (HoDs), Heads of the Sections. The constitution of statutory bodies like Governing council, Academic Council, Finance Committee, Board of Studies are systematically carried out with specified functions and responsibilities as per the requirements to the regulatory/statutory bodies. These committees play a major role in policy making of governance, academics, finance, research and teaching learning. The Principal ensures the smooth functioning of the institution with the support of Deans, Dean Academics Dean Examination Evaluation Dean Administration Dean Student Progression Dean Innovation, Incubation, Entrepreneurship Globalization Dean Research, Development Consultancy There are 31 non-statutory committees working hand in hand in identifying possibilities, planning, organizing, implementing and monitoring all the activities of the institution. The decentralized mechanism exists even at the department levels. Every department has Program coordinators at UG and PG level to look after the activities of each program. Decisions at department levels are taken by well-structured committees like Department Academic committee, Program Assessment committee, Board of Studies, Department Development Committee, Class Review Committee. HODs are invited for the Governing council meeting and the Governing council members and management interact to develop a road map for the development of the departments and the institution. All Stakeholders of the institution have participative roles in various decision-making committees. External stakeholders like Statutory bodies nominees, State government Nominees, University nominees, State government Nominees, Industry experts, Employees, Educationists, Scientists, occupy 20 of all the committee members. Faculty occupies 55 and Students, Alumni occupies 15 of the committee members. The remaining 10 of the committee members includes Management. The involvement of management and all the stakeholders including Head of the Departments, Faculty, Students, Alumni, employers, industry experts, educationalist, scientist, community representatives is significantly observed in various functional committees of the institution. This witnesses that the institution has decentralization of administration through committees and has participative management. A democratic approach is setup in the decision-making process, by which all the stakeholders of the institution could participate in the managerial decisions.

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	An effective and wellstructured mechanism exists in the institute to incorporate the necessary amendments in the curriculum to suit the dynamically changing industrial and societal needs. The Boards of Studies of different departments and the Institute Academic Counsel are enriched with a flavour of industrialists to deploy the target. All the departments have identified the various Mezzanine Technologies (Technologies of Latest trends) and placed in the curriculum to meet the requirements of industry 4.0. An open elective course is given a place in the course structure to promote the cross domain academic and research projects.
Teaching and Learning	In line with Outcome Based Education (OBE) insisted by AICTE, the institute has strategized the concept of 'Why am I teaching and What I am Teaching (WIT) and Why am I Learning and What I am Learning (WIL)' which is an outcome driven teaching learning methodology'. The second initiative adopted is VNR Lab Protocol which brings real time applications into the experiments. A Story Board is displayed in each academic lab to indicate the need of carrying out the experiments. The POGIL activity is implemented in most of the subjects to involve the students effectively in learning process.
Examination and Evaluation	The Reforms carried out in the Examination Procedures and Processes are: • Continuous evaluation is done through various tests from time to time. • Mini project done by the student is continuously reviewed at 3 stages. • Introduced online mode of tests for assignments as a part of continuous evaluation system. • Student evaluation system is changed from Percentages to Grading system. • ICR/OMR technologies are used in the conduct, evaluation and processing of results for avoiding manual coding of answer scripts. • An industry oriented miniproject, seminar, comprehensive vivavoce and project work is given a weightage of 50, 50, 50 and 200 marks respectively.
Research and Development	In order to promote Research and Development, the following were

	initiated. • Sensitization program is conducted to promote research and extension. • 10 Centres of Research in various departments focusing and working towards research and extension. • Special Interest Groups in specific Domains to carry out a focused approach towards the developments in the respective areas. • Established Presencing and Design Thinking Centre.
Library, ICT and Physical Infrastructure / Instrumentation	Library: The Quality Initiatives adopted by the Central Library for the year 201819 are • Displaying the important news clippings on the notice board – The useful news articles from 8 premier newspapers are scanned at early institute working hours on daily basis and placed on notice boards along with circulation among staff members. This initiative is helpful for the students and staff as a ready reference for the important news on engineering education, current technologies, call of research proposals from funding agencies, career/job advertisements from the statutory bodies. • Career/Employment Information/ Services • A WalkThrough Trip • Suggestion box and timely response
Human Resource Management	The institute has excellent strategies/ norms for Human resource Management. It ensures that • Payroll is as per norms • Time and Attendance are monitored on a daily basis • Performance record is maintained • Performance appraisal is conducted • Faculty and Staff recruitment are always based on merit. • Seminars / trainings are conducted to train the newly recruited faculty • Micro-teaching workshops are conducted for the new faculty • Several internal workshops are held to train the faculty and staff to enable them to update their knowledge. • IQAC creates awareness among faculty regarding quality initiation.
Industry Interaction / Collaboration	The institute has • Encouraged consultancy projects with and without financial benefits. • Entered into a Memorandum of Understanding (MoU) with reputed industries • Promoted industry sponsored internships and projects • Guest Lectures by Eminent personalities from Industry
Admission of Students	VNR VJIET being a premier engineering institution in Telangana state attracts

potential applicants through several quality initiatives that go beyond quantitative measurements in its admissions process. Basic campus, education and research infrastructure to enable cutting edge research, modern classrooms and laboratories, infrastructure that nurtures innovation and entrepreneurship, linkages with industry and society, good placement of students that meet the aspirations of the students and expectations of employers and good grades enriched with a sound Practical knowledge have been the guiding factors in attracting students. The JEE is considered for admissions on merit basis under Category B.

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

E-governace area	Details
Finance and Accounts	This module provides support to various finance and accounts related functionalities like student tuition fee payment, course registration fee, payment status, part/full payment involved in the purchase process, Ledger maintenance etc. Faculty and staff payrolls are created and the pay scales. Payroll details can be revised according to the scale of pay and dynamically changing DA time to time.
Student Admission and Support	This module makes admission process automated. E-Announcements for admissions are made through this module and E-Applications are invited through web portal for getting admission into various programmes offered by the institution. It generates the report on the seats allotment by convener and its status like sliding of branches etc. Out of the students applied for seats under B Category merit list is prepared and seats are allotted in the order of merit. Roll lists are also generated along with student profile creation.
Examination	This module provides the functionality for student examination registration for end semester and creating seating arrangement for students. It facilitates the Nominal Rolls, Room and Branch(s) wise on a date of examination for both Internal and End Semester Examinations. It provides the functionality for generation of Admit Card and Internal Marks Entry by faculty. Result Processing is being

		done and 360 0 view of the student is made available in student as well parent portals.
Administration		This module provides support for day to day functionality of Institute Administration- Faculty induction, Leave management, service record maintenance, staff welfare measures etc. It has the features for creating holidays, Various Leaves, creating user and assign roles, reference data, service book, Pending Approvals, Employee's Shift, and Employee ID Card etc. It also defines workflow at various decentralised functionaries.
Planning and Development		E governance in various planning and development levels of the Institution is in place through the scheduling , conduct and maintenance of minutes of meetings and resolutions made out of Governing Council , Academic Council, Finance committee meetings for the policy making, approvals etc. Translation of these policies into action plans are thoroughly deliberated upon in IQAC meetings, Institute Academic Committee meetings , Research Advisory Board meetings etc.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. Sandhya Nadella	"Postgraduate Diploma in Innovation and Design Thinking" program by EMERITUS Institute of Management, in collaboration with MIT Sloan, Columbia Business School Executive Education, and Tuck School of Business at Dartmouth.	–	175000
2018	Dr. Chakravarthula	"Postgraduate Diploma in	–	175000

		Kiran	Innovation and Design Thinking" program by EMERITUS Institute of Management, in collaboration with MIT Sloan, Columbia Business School Executive Education, and Tuck School of Business at Dartmouth.			
	2018	Ms. K. Archana Bhange,	"Postgraduate Diploma in Innovation and Design Thinking" program by EMERITUS Institute of Management, in collaboration with MIT Sloan, Columbia Business School Executive Education, and Tuck School of Business at Dartmouth.	-	175000	
	2018	Ms. N. Aruna Kumari	"Postgraduate Diploma in Innovation and Design Thinking" program by EMERITUS Institute of Management, in collaboration with MIT Sloan, Columbia Business School Executive Education, and Tuck School of Business at Dartmouth.	-	175000	
	2018	Mr. Nagaraj A Shet	"Postgraduate Diploma in Innovation and Design Thinking"	-	175000	

Year					
		program by EMERITUS Institute of Management, in collaboration with MIT Sloan, Columbia Business School Executive Education, and Tuck School of Business at Dartmouth.			
2018	Keerthi Priya Kasturi	"Postgraduate Diploma in Innovation and Design Thinking" program by EMERITUS Institute of Management, in collaboration with MIT Sloan, Columbia Business School Executive Education, and Tuck School of Business at Dartmouth.	-		175000
2018	Mr. Ch. Naveen Reddy	"Innovation of Products Services" by EMERITUS Institute of Management in collaboration with MIT Sloan School of Management.	-		68560
2018	Dr. Sandhya Nadella	"Innovation of Products Services" by EMERITUS Institute of Management in collaboration with MIT Sloan School of Management.	-		68560
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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	Title of the	From date	To Date	Number of	Number of

	professional development programme organised for teaching staff	administrative training programme organised for non-teaching staff			participants (Teaching staff)	participants (non-teaching staff)
2018	Workshop Block chain Tech nologies	--	17/12/2018	21/12/2018	12	0
2019	3Day Workshop on Outcome based Teaching, Learning and Assessment Strategies	-	25/06/2019	27/06/2019	40	0
2019	Twoday workshop on Technical Writing	-	28/06/2019	29/06/2019	40	0
2018	Fundamenta ls of MATLAB and its applic ations in Engineerin g	Fundamenta ls of MATLAB and its applic ations in Engineerin g	09/07/2018	10/07/2018	21	5
2018	MATLAB Workshop	MATLAB Workshop	25/09/2018	25/09/2018	18	6
2018	MATLAB and its Tool boxes workshop	MATLAB and its Tool boxes workshop	29/08/2018	31/08/2018	25	5
2018	Workshop on IOT and Drones	-	26/06/2018	27/06/2018	22	0
2019	Embedded systems and interf acing handson	-	10/06/2019	14/06/2019	40	0
2019	Robotics and AI	-	24/06/2019	28/06/2019	38	0
2019	Wireless and mobile applicatio ns	-	01/07/2019	06/07/2019	40	0
2019	VLSI Chip Design Handson	-	08/07/2019	12/07/2019	38	0

	using open source EDA					
2018	5 Day short term Training Programme on Applied Cryptograp hy and Security Mechanisms	-	03/12/2018	07/12/2018	68	0
2019	Faculty Summer Training Programme on Artificial Intelligen ce	-	13/05/2019	18/05/2019	30	0
2019	FDP on Int roduction to Program ming: A Pe dagogical Approach	-	17/06/2019	21/06/2019	40	0
2019	One Day Workshop on "Python"	-	22/06/2019	22/06/2019	35	0
2019	FDP Machine Learning	-	20/05/2019	25/05/2019	5	0
2019	FDP Artificial Intelligen ce	-	13/05/2019	18/05/2019	5	0
2018	Workshop LATEX and MATLAB Training	-	26/07/2018	28/07/2018	30	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
E-Mobility and innovations in sheet metal forming	2	16/07/2018	20/07/2018	5
IOT and Drones	17	26/01/2019	27/01/2019	2

Introduction to Programming: A Pedagogical Approach	21	17/06/2019	21/06/2019	5
Robotics and AI	23	24/06/2019	28/06/2019	5
Faculty Training Program on Mezzanine Technologies – Artificial Intelligence conducted by CDC, VNR VJIET	5	13/05/2019	17/05/2019	5
Faculty Development Program on Master CAM and CIMCO DNC	39	01/04/2019	06/04/2019	6
POGIL workshop organized by Centre for Education Technology Department of Humanities Sciences	10	30/07/2018	31/07/2018	2
Two day National Conference on "Transportation Research Efforts for Ecological Sustainability" organized by Civil Engineering Department VNRVJIET	33	28/09/2018	29/09/2018	2
Five Day short Training Program on Applied Cryptography and Security conducted at VNRVJIET in collaboration with CSI.	7	03/12/2018	08/12/2018	6
Two Week FDP on Mentoring Educators in Educational Technology	11	17/05/2018	05/07/2018	50

(FDP301X), conducted by IIIT, Bombay from May 17th to July 5th,2018.,under PMMMNMTT, MHRD, Govt.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
353	353	180	260

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Medical Health Insurance, Subsidised Transportation and Free Transportation during beyond working hours, Group Personal Accidental Policy, Creche (employee children), Gymnasium, Yoga with Meditation hall, Purified Mineral water across the campus, Health Centre	Group Medical Health Insurance, Subsidised Transportation and Free Transportation during beyond working hours, Group Personal Accidental Policy, Creche (employee children), Gymnasium, Yoga with Meditation hall, Purified Mineral water across the campus, Health Centre	Group Personal accidental Policy for all the students, Subsidised Transportation and Free Transportation during beyond working hours, Gymnasium, Yoga with Meditation hall, Purified Mineral water across the campus, Health Centre, Canteen Service with subsidised Rates, Aid for the Students Participating in overseas conference, Arrangement of bicycles to move in the Campus

6.4 – Financial Management and Resource Mobilization

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

Financial planning ensures consistency of goals, aligning the growth objectives of the institute with its financial requirements. It also supports the strategic growth of the organization. To Begin with the End in Mind, the institute plans and accumulates the right amount of funds by gathering the inputs and requirements from its associated departments. Financial Planning is exercised well in advance for the organization and efficient Budgeting Controlled mechanism is done by involving the various Academic Departments and Administrative Sections of the Institute. Financial planning and review is done in periodic intervals through statutory Finance Committee headed by Principal, Dean Administration, Management representative, Faculty and Account Personnel as members. Finance Committee meets 4 times a year and reviews the income expenditure statements and suggest further action plan. Management through Governing Council looks in to income and expenditure pattern and pragmatic recommendations are given. Wellstructured financial section is in place and every financial transaction is recorded through software. Financial Rules are in place in the Institute and "No Cash" Transaction System is followed. Fee Payment is encouraged through online mode. Flexible financial system allows spending more than the budget allocated as per the approved budget on the

benefit of demands and requirement. Optimal utilization and execution of the budget is monitored through internal and external auditing. Internal audit is conducted on quarterly basis and the statutory external audit is conducted annually by charted accountants. All government Scholarships and Funds received from government as Grants are audited separately by the Auditor. Audited financial statements are made public by placing it on institute website and are sent to the statutory and regulatory bodies. An effective financial management system is in place and is helping the institution in overall growth.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	Nil

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6.4.3 – Total corpus fund generated

197978282

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NBA	Yes	IQAC (Academic and Administrative Audit Cell)
Administrative	Yes	NBA	Yes	IQAC (Academic and Administrative Audit Cell)

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

Parents are regularly invited to ParentTeacher meetings to discuss the need / problem / progress of their wards. Relationship Management Centre with an exclusive psychology counsellor is created chiefly to strengthen the parent teacher relationship. Student mentor details are provided to the parents to pursue their ward's performance

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

Training / workshops/seminars are conducted. Academic / study leaves are granted to encourage higher education. Financial support is provided to the staff for acquiring higher qualification

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

3 week Induction program for Ist B.Tech students is introduced. Introduction of Design sensitization course as part of Academic curriculum. Automation of WITWIL documents. Establishment of Global Relationships Office (GRO). Automation in Admission Process. The Learning outcomes of students attainment in Outcome Based Education (OBE) though Automation. Up-gradation of faculty knowledge to suit industry 4 needs by incorporating emerging technologies like AI,ML, Data Sciences, Internet of Things, 3D Printing etc. Revision of Curriculum in 8 B.Tech and 13 M.Tech programs as per AICTE model curriculum from academic year 2018-2019.

6.5.5 – Internal Quality Assurance System Details	
a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	National Technology Day	11/05/2019	11/05/2019	11/05/2019	650
2019	3 Day workshop on LINUX ICT tools	24/06/2019	24/06/2019	26/06/2019	30
2019	3 Day Workshop on outcome based Teaching Learning Assessment strategies	25/06/2019	25/06/2019	27/06/2019	156
2018	EducationUSA Universities Fair 2018	10/09/2018	10/09/2018	11/09/2018	1260
2018	WOW – (Wealth out of waste)	28/09/2018	28/09/2018	29/09/2018	2000
2018	Conduct of 'Energy Audit' in the institute	20/08/2018	20/08/2018	25/08/2018	15
2018	Conduct of Green Audit in the institute	20/08/2018	20/08/2018	25/08/2018	15
2018	Plant for the planet project (PPP)	09/08/2018	09/08/2018	09/08/2018	1260
2018	Seminar on Research Methodology, Research and funding proposals	06/10/2018	06/10/2018	06/10/2018	210
2018	Initiation of ACM	24/10/2018	24/10/2018	24/10/2018	450

	Student chapter				
2018	VJ Itinerary	24/11/2018	24/11/2018	24/11/2018	331
2018	Motivational lecture on GATE	05/12/2018	05/12/2018	05/12/2018	1060
2018	Two day Workshop on Active learning Pedagogies Technologies	13/12/2018	13/12/2018	14/12/2018	50
2018	National Mathematics Day celebrations	22/12/2018	22/12/2018	22/12/2018	180
2019	Preparing Research proposals	02/01/2019	02/01/2019	02/01/2019	85
2019	Honorable Vice President of INDIA Visit to VNRVJIET	03/02/2019	03/02/2019	03/02/2019	560
2019	Open House 2K18	08/03/2019	08/03/2019	08/03/2019	3520
2019	MBI (My Big Idea) Competition	09/04/2019	09/04/2019	09/04/2019	134
2019	World IP Day	26/04/2019	26/04/2019	26/04/2019	125
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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
Screening Short Films and students presenting reviews on Girl, Babbai etc.	02/07/2018	31/07/2018	365	641
Role Play: Enacted in the class rooms	01/08/2018	31/08/2018	365	641
Harmful traditional	01/08/2018	31/08/2018	365	641

practices and other gender issues: Screening of short films followed by group discussion				
Economic empowerment of women, Gendered arrangements of work and care, Freedom of movement. Group Discussion conducted by the English Teaching Faculty	04/09/2018	29/09/2018	365	641
Poster Presentation on Gender issues by students	04/09/2018	29/09/2018	365	641
Screening Short films to create awareness about Gender Equity followed by an interactive session and Group Discussions.	01/10/2018	31/10/2018	365	641
Is gender a social and cultural construct? Oral Presentation by the English Teaching Faculty	01/10/2018	26/10/2018	365	641
Poster Presentation on Gender issues by students	01/10/2018	26/10/2018	365	641
Street Play: Investigation and prosecution of crimes against women and girls, 2019: Still Trying To Survive As A Woman, SABARIMALA AND	01/10/2018	26/10/2018	365	641

MOBILIZATION- A PROBLEMATIC COALITION, Ditching Item Numbers—An Overriding Urgency in Bollywood				
Project work: study gender issues and make presentations	03/12/2018	31/12/2018	162	256
Screening Short Films and students presenting reviews on Girl, Babbai etc.	02/01/2019	31/01/2019	162	256
Role Play: Enacted in the class rooms	02/01/2019	31/01/2019	162	256
Harmful traditional practices and other gender issues: Screening of short films followed by group discussion	02/01/2019	31/01/2019	162	256
Economic empowerment of women, Gendered arrangements of work and care, Freedom of movement. Group Discussion conducted by the English Teaching Faculty	01/02/2019	28/02/2019	162	256
Poster Presentation on Gender issues by students	01/02/2019	28/02/2019	162	256
Street Play: Investigation and prosecution of crimes against women and girls, 2019: Still	01/03/2019	30/03/2019	162	256

Trying To Survive As A Woman, SABARIMALA AND MOBILIZATION- A PROBLEMATIC COALITION, Ditching Item Numbers—An Overriding Urgency in Bollywood				
Is gender a social and cultural construct? Oral Presentation by the English Teaching Faculty	01/03/2019	30/03/2019	162	256
Screening Short films to create awareness about Gender Equity followed by an interactive session and Group Discussions.	01/04/2019	30/04/2019	162	256
Project work: study gender issues and make presentations	01/04/2019	13/04/2019	162	256

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
375KWp grid tied solar plant is in use in campus and it includes 100KWp plant placed in hostels. 33of annual lighting power is met by LED bulbs. The percentage share of contribution for college power requirement by renewable energy sources (Solar Plant) is around 54 . Twin Bin system is being used. Used papers, notebooks are collected, recycled and donated to Government Schools. STP of 150KL/day capacity is in use. Ewaste bins are provided and are disposed for recycling. Rain water harvesting pits are provided for recharging the ground water. Institute provides Bicycles, Public Transport, Pedestrian Friendly Roads. Plastic free campus and most of Intradepartmental communication is through Electronic medium. The Institute has a canopy of trees and plants with 30of green belt. 0.61 of total expenditure is spent on green initiatives.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	32
Provision for lift	Yes	32
Ramp/Rails	Yes	32
Braille	No	0

Software/facilities		
Rest Rooms	Yes	32
Scribes for examination	Yes	1
Special skill development for differently abled students	Yes	32
Any other similar facility	Yes	32

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	2	12	01/07/2018	12	Geo Physical Investigation to find Potential Ground water recharge sites in Pragathi Nagar, Selection suitable sites for vehicle parking in Pragathi Nagar, Kukatpally, Nizampet Road and development of mobile applications for showing parking sites	Parking and Ground Water recharge	1500
2018	1	1	30/06/2018	9	Career guidance to school children	Need for basic education and opportunities after school	95

| 2018 | 1 | 1 | 03/07/2018 | 5 | medical camp | Identified the major health problems and consultation is arranged by expert doctors | 95 |

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Administrative Manual 2018	01/04/2018	The Administrative Manual 2018 is a revised version of Code of Conduct meant to employees working in institute, Students discipline.
VNRVJIET R18 CBCS Regulations B.Tech	14/07/2018	Disciplinary action for improper conduct in examinations is provided.
VNRVJIET R18 CBCS Regulations M.Tech	14/07/2018	Disciplinary action for improper conduct in examinations is provided.
ANTI PLAGIARISM POLICY	02/01/2018	To ensure Quality Thesis and publications from faculty and students

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
UBA (Unnat Bharat Abhiyan) Central Govt. Initiative Activity: village and house hold survey in adopted villages	05/01/2019	05/01/2019	20
HYDROPONICS Installed Hydroponics unit in the campus as a water conservation method	05/10/2018	05/10/2018	5
Voice for Girls Students attended camp in villages conducting activities in government and under privileged	01/12/2018	15/12/2018	10

schools where girls/boys acquire critical knowledge, spoken English and life skills.			
Voice for Boys Students attended camp in villages conducting activities in government and under privileged schools where girls/boys acquire critical knowledge, spoken English and life skills.	15/07/2018	30/07/2018	10
Aspire Talks Organised a talk on How to choose a right leader?" and "Zero Budget Politics" before 17th general elections by Prof. K. Nageshwar Rao (Political Analyst) and P. Madhava Reddy (Founder of Zero Budget Politics)	03/04/2019	03/04/2019	20
Each One Donate One Under the program students donated note books which were distributed to govt. schools and orphanages.	30/07/2019	30/07/2019	15
Rashtriya Ektha Divas Pledge Activity: To strengthen the unity and integrity of the nation pledge is taken by all the college students Conducted by: VNRVJIET students	31/10/2018	31/10/2018	2000
Telangana General Election 2018 Activity: Webcasting Volunteers in Bachupally and Qutbullapur centers	07/12/2018	07/12/2018	75

Conducted by: NSS and VNRSF			
SALUTE REPUBLIC DAY CELEBRATIONS	26/01/2019	26/01/2019	200
IDEAL (I Donate For Education and Learning) 10.998 tons of paper scrap is collected from college premises which is sent to recycling unit and obtained 11,558 books distributed to 2000 children at 18 different schools and orphanages.	01/08/2018	31/08/2018	50
Reuse of Record Pads (3 R Principle) Record pads are reused by stickering for next semester	01/08/2018	31/08/2018	20
72nd Independence day celebrations Celebrated the national festival in the campus to inculcate the thoughts of patriotism. Organised pre events like group and panel discussions, paintings,Origami etc.	15/08/2018	15/08/2018	30
Plant for the planet project (PPP) Demonstrated various techniques of plantation and seed preservation of trees which augment the levels of oxygen in the atmosphere.	01/07/2018	31/07/2018	20
Visit to Govt. Special home for boys Celebrated the Plantation festival at special home for boys (Juvenile)	29/09/2018	29/09/2018	25
JAAGRUTHI	05/10/2018	05/10/2018	10

Enlightened students on the role of youth in casting vote			
MANTHAN TALKS Students attended the talks and interacted with bureaucrats, policy makers, economists, authors and other eminent personalities in different fields.	01/10/2018	31/10/2018	15
PRAJA Conducted quiz competition on contemporary social issues current affairs on trending technologies, art cultures of India, Polity, Environment etc.,	05/10/2018	05/10/2018	20
Social assembly Conducted debate and discussions on social issues	06/10/2018	06/10/2018	10
WOW – (Wealth out of waste) Collected waste from college premises and made into useful articles and the generated money was given for charity.	05/10/2018	05/10/2018	25
Smart Resource Utilisation Importance Of Menstrual Hygiene Management (MHM)	26/10/2018	26/10/2018	50
Awareness Program Road Safety Measure And Obey Traffic Rules	08/03/2019	08/03/2019	85
Door to door survey Thandas of Narsapur mandal	30/06/2018	21/07/2018	95
Carrier guidance to school children in thandas primary high school, Reddypalli	01/07/2018	01/07/2018	95
Organized Medical camp in Nagsenpalli	03/07/2018	06/07/2018	100

village of Narsapur mandal and distributed free medicines			
Visited Dr. Ramanaidu old age home and entertained the old people and shared their life experiences	02/07/2018	02/07/2018	100
Blood donation camp In VNRVJIET campus and collected 250 units of blood	04/02/2019	06/02/2019	250
Will you be my Teacher event in which Bachupally primary school children are brought to college during convergence and tried to tap their potential in terms of singing, dancing, communication skills etc.	28/09/2018	29/09/2018	20
SOCH Idea competition for both internal external college students	28/09/2018	29/09/2018	50
I am not a Hero The unsung heroes of the society are invited to ignite the young minds for inspiration in this program.	28/09/2018	29/09/2018	50
Appreciation drive Persons in public government service like traffic police, GHMC workers, RTC drivers are appreciated for their sincere service to the public	14/08/2018	15/08/2019	15
AVISHKAAR Innovative societal impact technologies are displayed to	28/09/2018	29/09/2018	10

the students during convergence under this programme			
FIST FULL OF RICE an initiative taken by TEAM NSS VNRVJIET which aims at providing (raw rice) to the orphanages or the needy by collecting it from individual (fist full) with an objective of inculcating social responsibility in every individual ofVNR	19/01/2019	16/02/2019	660
Blanket Donation Blankets were collected by placing drop boxes in college. Students and Faculty contributed significantly. The collected Blankets were given to the Slums near Borabanda, Hyd.	12/12/2018	19/12/2019	130
National Cultural Festival For Deaf Women The All India Foundation Of Deaf Women in association with Hyderabad Foundation for Deaf Women organized their 4th National Cultural Festival for Deaf Women at VNRVJIET	26/12/2018	29/12/2018	25

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

1. Solid waste management: Inspired by Swatch Bharat Mission, TwinBin system is being used in the Institute to segregate recyclable and biodegradable waste. Professional contractors collect the recyclable waste and biodegradable waste. The used papers and notebooks are collected every semester and recycled. The books generated are donated to the students of neighbouring Government Schools and are also made available to the in house students in the form of record books. This activity is an exclusive initiative of our students under VNRSF (Vignana Jyothi Student Force). Chemical and hazardous waste from laboratories are disposed as per MSDS. This waste is collected and disposed through a certified third party. The campus is WiFi enabled and hence all communication

is made online minimizing paper usage. Usage of plastic cups, plates and cutlery are banned in the campus as a green initiative. Organic waste is composted and used for manure. Sanitary incinerators are installed in campus and hostel. Liquid waste management Sewage Treatment Plant (STP) of 150KL/day capacity is in use both in the Institution campus and Hostel. The treated water is used for flushing and gardening purpose. Ecofriendly floor cleaners are used and the waste water is checked on a monthly basis. Disposal is done after treatment if necessary. Liquid chemicals from Chemistry and Environment Engineering Lab are disposed as per MSDS norms. Ewaste management Bins are provided across the campus to collect the Ewaste across all departments. The collected material is disposed for recycling through authorized vendors. All Computers, batteries and electronic machinery is purchased under BuyBack agreement. All CRT monitors are replaced by the LCD monitors. The lighting in the Academic, Administrative and Hostel areas is through LED bulbs. A solar plant of 275 KWp is installed on the roof top of ABlock, BBlock and DBlocks and is connected to grid. 250KWp solar plant is under installation on the top of CBlock. Solar plant of 100 KWp is installed on the roof top of Vignana Jyothi Hostels and is connected to Grid

Rain water harvesting structures and utilization in the campus For effective use of water and identifying opportunities of water recycling and reuse, the water foot print calculation is implemented in the Institute canteen and hostels. To improve the ground water resources, the Rain water harvesting pits for recharging are initiated in the institute. The recently constructed D Block has been designed with a roof top that would enable collection of Rain water which is stored in a tank. The water is used for general purposes in the campus. Pipelines, taps and other sources of water discharge are periodically checked to avoid leakages. Sprinkler and Drip Irrigation system is installed for an improved infiltration in soil to avoid any loss of water. The recycled water from STP is used for toilets for flushing and gardening purposes in the institute and the hostels.

Green Practices 1. Students and staff using a) Bicycles Bicycles are available in the campus for short commutation. A few faculty and students use bicycles to travel from hostel/residence to the College. b) Public Transport An exclusive public transport is provided for the students from distant locations in the city with the help of TSRTC. These vehicles are checked for pollution by the authorized agency. Exclusive transport facility is provided for staff, students, and hostlers by the institution. The Private transport, Institute vehicles and faculty owned vehicles have pollution check stickers. Random checks are made to check the validation and periodicity of this certificate. c) Pedestrian Friendly Roads The path from the main gate to the academic buildings has Pedestrian friendly foot paths. The walkway is lined with trees and Solar lights. 2. Plastic Free Campus Oncampus use of plastic is discouraged. Plastic cups and Paper cups lined with plastic/wax are banned in the canteen. The hot beverages are served in steel mugs/glass. Students and staff are motivated to use their own mugs/cups instead of paper cups. Priority is given to ecofriendly and indigenous brands. Plastic straws and plastic food packaging is not used in the campus. Plastic cutlery is replaced by steel/ bamboo cutlery. Awareness posters and pamphlets are displayed in prime locations of the campus. 3.Paperless office Internal communication in the campus is through email or emessages, driving towards paperless office. Course end surveys, feedback from students, parents, alumni, Continuous Evaluation , leave forms, payrolls etc., are made online, through Google forms/Google docs. The campus automation system, MOODLE and other interfaces are used for the student academic submissions. Double sided use of record sheets is followed in the laboratory. Doublesided printing option is being used at all terminals with access to printers. Recycling of paper is done by VNRSF (Vignana Jyothi Student Force). Paper waste if any will be sent to an external recycling unit and thus the

paper is reused. 4. Green landscaping with trees and plants The Institute has a canopy of trees and plants that makes the environment carbon dioxide free to safeguard the health of all the inmates. The green belt (30 of total area) has green lawns and trees (maintains biodiversity) which provide shade and beautiful ambience. The drip method is used for watering plants so as to reduce the usage of potable water. There is minimal use of pesticides and fertilizers in the garden.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: 1. Title of the Practice EAdmission System 2. Goal The institution has a provision of admitting category B only 30 Percent of sanctioned intake to candidates who are NRIs/NRI sponsored, from Other States and Union Territories. • To attract candidates from other states, union territories and other countries. • To admit merit and talented students from aspiring candidates. • To have an efficient foolproof admission system in place. • To automate the whole admission process. 3. The Context As per the State Government of Telangana, admissions into Professional Institutes are done through Common Entrance Test – TS EAMCET. Admissions are classified as category A and category B. Category A seats shall be 70 sanctioned intake in each course filled through Rank obtained in TS EAMCET. Category B, remaining 30 seats shall be open for admission to all eligible candidates on merit basis including candidates belonging to other States, Union Territories, NRIs/NRI sponsored candidates. Category A seats will be filled by the State Government as per norms through a Single Window Online system following all the reservation norms. The admission quality of Category A is maintained high as the system is foolproof and allot merit and talented students to top rated institutions. VNR VJIET being the toprated institute in the State of Telangana is attracting the merit students through Category A admissions. Category B seats shall be filled on merit (CGPA) basis with NRIs/NRI sponsored candidates not exceeding 15 of sanctioned intake. Remaining 15 of sanctioned intake shall be filled by candidates belonging to Other States/Union Territories on merit basis in JEE (Mains). The whole process of admissions has to be notified in popular new papers, website, notice board and follow transparency in giving admissions. To admit merit students in category B and conduct admissions efficiently, transparent and accurate, institute has adopted EAdmission System. 4. The Practice The admission into category B seats is performed as per the norms updated by State Govt. of Telangana from time to time. The EAdmission System is tailor made to the regulations made by State Govt. The process of admissions is initiated through an advertisement in leading national newspapers, institution website, notice boards, social media. Applications for category B are invited only through online where provision of fee payment is accepted through various modes of online payment. The application has few mandate fields and documents to be uploaded which verifies authenticity of information uploaded. The details are validated through certificate and rank cards downloaded from websites of JEE, TS EAMCET. Based on this the merit list is prepared for category B applications and allocation of seats is performed automatically by the software. Intimation of seat allotment will be done through SMS and website to the shortlisted candidates. Students are supposed to report with in one week of intimation. Incase of unreported candidates second phase of admission is performed in the same format. The main goal of this EAdmission System is to maintain diversity in students admitted, admit merit and talented students, provide efficient foolproof admissions system. The institution has a provision of diversity only in category B seats, and to attract students from outside the state/country we have adopted this system. The applicants can now watch the notification through enotifications, submit application, pay fees, etc., through this online process. The online application has a provision of

uploading the relevant document of qualifying and competitive examinations, which are verified and allotment of seats is completely done merit basis thus ensuring quality of admissions. In the whole practice of EAdmission System complete transparency is maintained through regular audits to ensure that, the merit students out of applicants gets admitted. The process reduced the usage of paper, which caters to our paperless policy. Also tedious manual work involved in segregation of applications based on programs, merit is reduced. Scope of human errors is reduced, and the whole process resulted in an efficient system. 5. Evidence of Success With the implementation of the EAdmission System diversity of students from other states has increased considerably over the last three years from 15 to 23. The practice has resulted in attracting NRI students to the institute as well. As in category A, candidates with good score in JEE (Mains) and CGPA in class 12 are being admitted in category B. The admission process has become transparent, efficient and smarter. The whole practice not only provided ease of usage but got appreciation from various stake holders. The physical presence for admission is avoided and many of the parents who are working or stay at far away places are being benefitted with this practice. 6. Problems Encountered and Resources Required A dedicated software team to maintain and modify according to the admission regulations of State Govt. of Telangana is required. The major issue faced during the implementation of this practice is to handle candidates and their parents who are novice with online procedures like filing of application, fee payment, etc. To help and support them Help Centre is maintained during the complete process. 7. Notes (optional) Nil Best Practice 2: 1. Title of the Practice Experiential Learning through Course Based Projects 2. Goal • To emphasis on higher order thinking of Bloom's Taxonomy Applying, Analyzing, Evaluation and Creating. • To move from "Knowledge Acquiring and then Implementing" to "Implementing for Knowledge Acquiring". 3. The Context Keeping in view of current and future requirements of Industry 4.0, the Education 4.0 should give a provision of implementing Teaching Learning 4.0 techniques to enable students industry ready. Higher order Thinking is a must to mold the students from Campus to Corporate. Apart from having book knowledge, graduates should be ready in solving engineering problems keeping in view Sustainable Development Goals (SDGs). The regular TeachingLearning Methodologies may impart the lower order thinking described in Bloom's Taxonomy, whereas the required skills like Applying, Analyzing, Evaluating and Creating can be replenished through modernized TeachingLearning 4.0 techniques. 4. The Practice The theory and practical courses offered to the students with the help of many learner centric teaching methodologies, provides knowledge and practical skills of those concepts. The major industry demand of having project implementation skills is not completely achieved through the above process. To fill this gap a team of two to three students are engaged in a modular approach in implementing a real time application related to the experiments of the respective courses. By the end of the semester, a prototype is developed which incorporates all the concepts learnt during their course work. This approach is named as "Course Based Projects" where students carry out project in laboratories related to the theory and practical courses. Student teams are instructed to choose Course Based Project for each laboratory course. Faculty coordinators guide the students in developing the prototype during the whole semester. Internal and external evaluations of the projects are conducted based on well defined rubrics on criteria like Content, Design Analysis, Implementation/Execution, Presentation and Report. The evaluation summary is presented to the students for further improvement of the prototype. The students gain experiential learning through building the prototype, which is considered very essential in obtaining project implementation skills. The teamwork ensures students to build essential process and communication skills. On a contrast students acquire exposure on providing technical solutions to social problems during the process of knowledge building. 5. Evidence of Success Course Based Projects are

implemented from the last two academic years. The student batches who have undergone this process have exhibited higher order thinking and grabbed good internship and campus placement opportunities. The mini and major projects implemented by these batches have in depth technical, social and research values. Students have participated in national and international Hackathons like Smart India Hackathon, SWISH, etc. and grabbed many prizes. Few of the ideas have been applied for the patents. Apart from these outcomes every student has an opportunity to implement more than 10 projects in their graduation period. This opportunity adds value to the students experience and resume, helping them out to grab job and higher education opportunities. 6. Problems Encountered and Resources Required Slow learners initially may take this Course Based Projects as a overhead and are reluctant to perform effectively. The course coordinators has to motivate and support to make the students perform the projects. The existing laboratory resources are well utilized beyond the hours. 7. Notes (optional) Nil 8. Contact Details Name of the Principal: Dr. C. D. Naidu Name of the Institution: Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology City: Hyderabad Pin Code: 500090 Accredited Status: A Validity Period: 16082018 to 15082023 Work Phone: 0402304 1516/2956 Fax: 0402304 2761 Website: www.vnrvjiet.ac.in Email: principal@vnrvjiet.ac.in Mobile: 919391008138

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

http://vnrvjiet.ac.in/bestpractices.php

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

VNR Vignana Jyothi Institute of Engineering and Technology's (VNRVJIET) Vision, priority, and thrust are focused on: Providing Value based education to excel in academics. Conducting Interdisciplinary research in cuttingedge technologies. Producing socially responsible engineers, managers, entrepreneurs leading to the sustainable socioeconomic development of the nation. Dedicated to serving the society, VNR VJIET with its environment of innovation pledges to reinvent itself from time to time and has an integrated model for all its activities of teaching, research, innovation and extension activities. The distinctiveness of the institution lies in its philosophy "Education Process Reengineering (EPR)/ VJ Spectral Pyramid ". The Education Process Reengineering (EPR)/ VJ Spectral Pyramid Model is widely disseminated by four critical faces in the Organization to develop the structure under critical success factors and sub functions. The 4 faces are: 1. Excellence in Academics 2. Exploration of Knowledge through Research 3. Excitement of Innovation Entrepreneurship 4. Exponent for Development of a Rounded Personality with Global Vision and Social Responsibility Excellence in Academics: A high quality of academic excellence can provide valueadded experience for the students. The positive outcomes are achieved by designing the curriculum to meet the global requirements and through teaching learning methods blended with ethical values. It outlines the commitment to academic performance expected of all students. The structured induction of the student into the curriculum enables to visualize the career opportunities and the approach towards achieving them. Exploration of Knowledge through Research: The Institute's determination to be transformed into a center for major research is therefore, in itself, a commitment to offer high quality teaching through: Synergies between Research Education Activities Research Based Learning Teaching The Course based projects, Social impact projects, certificate courses offered by the institute provides the knowledge regarding cutting edge technologies, enabling the students to carry out interdisciplinary research. The Research and Consultancy Center (RCC), of the institute is

equipped with advanced level research Laboratories to facilitate the academic and sponsored projects. Excitement of Innovation Entrepreneurship: The institute provides a platform to business Startups to develop their ideas into commercially viable products. The students participate in the Big Idea Competition and the best ideas are rewarded. Week End Lab facilitates the students to work on innovative project ideas. VJHUB encourages the stakeholders to incubate the selected projects, by providing the seed money and infrastructure based on their credentials. ED Cell crucially works on generating the excitement in the young engineering brains to produce innovation and thus laying the stones for entrepreneurship. Exponent for Development of a Rounded Personality with Global Vision and Social Responsibility: Participation of students in CoCurricular Activities (CCA) and Extra Curricular Activities (ECA) helps to enhance all rounded personality to strongly face the turbulent road of the future. Experiences and appreciations gained through these activities assist students during internships. Career guidance, Personal counselling, Training are well structured through a Mentoring Training and Placement (MTP) center. Student participation in ECA / CCA is facilitated through professional bodies and student associations.

Provide the weblink of the institution
http://vnrvjiet.ac.in

8.Future Plans of Actions for Next Academic Year

Strategizing to introduce a new programs on Artificial Intelligence, Machine Learning, Deep Learning, IoT and Data Analytics which is one of the game changing technologies in the present state of affairs. Planning to establish an exclusive workplace to enhance the global relations with various world premier universities. Planning to increase the MOUs with esteemed and premier institutions (both Industrial and Educational) to improvise the collaborative activities. Proposal are going on to implement few more energy conservation methods for optimizing the use of energy resources. Planning to further enhance the use of green energies by uplifting the inhouse solar power generation with social and environmental consciousness. A road map is being worked out to increase the Internal Revenue Generation (IRG) remarkably through consultancy activities and to utilize the funds generated to strengthen such facilities further. Planning to get more research projects from different government and nongovernment funding agencies. A blueprint is to be prepared to transform the campus completely into a Smart and Clean Campus. Strategizing to enrich the curriculum with mezzanine technologies (Industry 4.0 technologies) to have a compatibility with rapidly changing technical and societal needs.