



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	VIDYA JYOTHI INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	Dr A Padmaja
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	+919849554882
Mobile no.	9849554882
Registered Email	principalvjit@vjit.ac.in
Alternate Email	principal@vjit.ac.in
Address	Aziz Nagar Gate, C.B. Post
City/Town	Hyderabad
State/UT	Telangana
Pincode	500075
2. Institutional Status	

Autonomous Status (Provide date of Conformant of Autonomous Status)	29-Apr-2015
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. V. V. Satyanarayana
Phone no/Alternate Phone no.	08413235399
Mobile no.	9985087041
Registered Email	iqac@vjit.ac.in
Alternate Email	vvs@vjit.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://vjit.ac.in/iqac/
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4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website:
Weblink :

<https://vjit.ac.in/examinations/academic-calender/>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B	2.84	2016	29-Mar-2016	28-Mar-2021

6. Date of Establishment of IQAC

09-Sep-2014

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
One week Online Faculty Development Program On Case Studies on	12-Feb-2019 7	25

Geotechnical failures

[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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

• MSME Incubation Centre Granted. • 7 Grants received from AICTE Quality Improvement Schemes • Research Projects Granted: Five projects have been sanctioned from JNTUH TEQIP under collaborative research projects scheme. • NBA civil Department SAR has been submitted in the month of March 2020 • In collaboration with IUCEE Faculty 10 faculty members completed course in Online Teaching • In collaboration with IUCEE Students have done EDC/AI/Soft Skills Courses online mode. • COURSERA Platform has been Utilized extensively by faculty Students during the Pandemic Period Covid19. <https://www.coursera.org/o/c4cvidyajyothiinstituteoftechnology/admin/programs/vidyajyothiinstituteoftechnologyoncoursepw8cg/managelearners>. o 4000 Faculty and students completed certification. The number of courses completed by them are listed o One Course: 845, Two Courses :630,three Courses :473 and More than Four Courses :1294 • Organized 3 week induction program for first year students as per the guidelines of AICTE • Participated in NIRF 2020 and ARIIA 2020 ranking • 136 Research Papers have been published in indexed journals • Two departments Mech. CSE department granted JNTUH approved research Centres. Three departments ECE,EEE MBA Departments have applied for JNTUH Research Centres • Faculty members and students are encouraged to register NPTEL courses. 21 faculties certified in different courses and 20 students completed Certifications. • The IQAC kept track of the schedules / plans and implementation of various academic / administrative, sports, NSS and

extracurricular activities • Soft skill programs, personality development ,placement training, industry institute cell activities and EDC Cell activities are monitored by IQAC

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
quality improvement	paper publications
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
BoG	14-Nov-2019

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

Yes

Date of Visit

20-Apr-2018

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

11-Mar-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

1. Attendance Biometric teaching and non teaching staff 2. 100 pins attendance - to monitor students attendance and sending messages to parent 3. Any messages to students are sent through online and 100 pins 4. The administration of office dealing with students, faculty and admissions are fully computerized. 5. Faculty feedback is taken through online feedback system developed inhouse. 6. BEE's software tool is used for the entire examination process (Circulars/Examination fees (Regular Supplementary) 7. After

conducting examinations through offline: The entire process of starting from valuation to results and declaration of results are done through BEE'S software. 8. Revaluation recounting is also done through online software. 9. For security purpose: Firewall (fortenight) is installed in Exam branch server Internet facility exclusively for 24 MBPS for Examination branch. 10. Examination registration along with the fee is done through online mode. 11. Circulars are sent through the email 12. Library is automated with Integrated Library Management System (ILMS)

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
View File			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Artificial Intelligence (Program)	08/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

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
No Data Entered/Not Applicable !!!		

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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
No Data Entered/Not Applicable !!!		
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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

Suggestions given by the students are: soft skills training for placements, hands on practice, material for subject preparation, Python may be added in curriculum, timetable for skill enhancement. Actions taken are: Few courses like Personality Development and Behavioral Skills, Quantitative Methods and Logical Reasoning are introduced in curriculum for students to improvise their skills for placements Hands on practice sessions were included for students as value added courses like IOT, HoP. Course wise projects and Project based learning is also implemented for the students UNIT wise notes, NPTEL material and e-books are supplied to the students. Python and Data Science are added as a courses in II Year and IV Year respectively. 7th hour classes were added in timetable for skill enhancement of students. Hands on practice sessions, MATLAB Training sessions were conducted during these periods. Suggestions given by the Alumni are: Support for higher education and competitive exams, Emphasis on mini and major project must be improved, The students should know theoretical and practical knowledge, coaching for competitive exams, I think we should concentrate more on future technologies and competitive exams as well need to add new topics in syllabus, Practical experience has to be provided along with theory concepts, Paper writing skills required for MTech students, Concepts like frameworks and web services can be added to web technologies and more UNIX can be focused, These 2 are what helps the student in transforming to an employee, I have gained abundant knowledge throughout my course, however the only request I would make is to conduct more activities and programmes which helps the students to excel beyond academics. Actions taken are: Competitive exams oriented training classes were conducted for IV year students during November 2020 Value added courses like Arduino and Scilab are conducted for students to provide awareness on hardware and software which will help the students in their projects Value added courses are included for students to acquire practical skills in addition to revision in syllabus in R18 regulations. Students are trained on Civil courses for GATE examination. Special classes were conducted for IV year students for GATE exam during November 2020. Syllabus is revised in 2018 and new subjects have been added in the Curriculum. The following are the additions Courses on Consumer Electronics, Automotive Electronics, MATLAB and PSPICE are added. Value added courses on Java, Python , Machine Learning and MATLAB are conducted for students for improvising their programming skills A course on Technical Paper

Writing is introduced for M.Tech EPS students in II Year I Semester. Introduced new courses like IOT, Machine Learning, Block chain technologies. Management Clubs are established for conducting more activities and programs to improve the skills of MBA students. Suggestions given by the Teachers are: Green Building Technologies course is required for CIVIL Engineering students, Building Information software is required for CIVIL engineering students. Actions taken are: Green Building Technologies course is added as Professional Elective course for CIVIL Engineering students. Computational Lab is included in curriculum for CIVIL Engineering.

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
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	990	119	248	46	Nil

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	Number of smart classrooms	E-resources and techniques used
294	250	7	83	2	10
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Vidya Jyothi Institute of Technology has been striving to give its students the most congenial environment to enhance their growth and help achieve their goals, mentoring is a step initiated towards achieving the mission. During the journey through the undergraduate engineering program students often need mentoring, guidance and counseling on issues like direct academic issues, career options, fear of a subject/course, or need of monitoring in irregularities in attending the college, checking on negative behavioral traits, interpersonal relations, detrimental activities and many more issues which needs greater involvement of the mentor. The Mentoring system is practiced diligently contributing immensely in the improvement of the overall academic quality and the students too will be greatly benefitted by continuous guidance. The Mentoring system emphasizes the enhancement of institutional goals to better serve the needs of the ever-changing and dynamic learning community. Effective mentoring begins with the faculty and depends on the healthy relationship between faculty and students. The responsibilities of the mentor includes identifying the student's strengths and weaknesses by the mentor and train them in the right direction to overcome weaknesses and further strengthen the positive attributes to groom her /him into a complete individual for future endeavors. This is consciously done with a specific aim to prepare the student to face challenges in this competitive world and to achieve personal and

professional goals through placement. Each faculty will be a mentor to around 25 to 30 students, maintain a detailed record of the student and also the record of discussions conducted. Maintain the personal details of the students including their address, contact numbers, overall academic performance and progress. This also helps to keep a track of the student as alumni. The mentor shall guide the students in taking up extra academic and professional activities for value addition and also guide to join professional societies. The mentors monitor the progress maintaining the record of the mentoring done. The mentors meet the students frequently and discuss various issues including class room lectures, laboratory performances, participation of seminars/ conferences and technical events. The mentors also provide advice to HOD/Principal/ Director in matters of extended leave or absence of students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4258	294	20

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
23	23	Nil	23	1

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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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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
66	4110	1.6

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)

<https://vjit.ac.in/wp-content/uploads/2021/02/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students	Number of students passed	Pass Percentage
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			appeared in the final year examination	in final year examination	
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

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

https://forms.gle/pggRXgsPk3u7xWrM8

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

No
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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
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!				
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

5

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
No Data Entered/Not Applicable !!!		
View File		

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
Augmented Reality	Anirudh Soni, KS Keshav Rao, khwaja sohail ahmed	MINKEE in Canada	Nill	International hackathon
AICTE	DVN	AICTE	Nill	Viswakarma

Viswakarma Awards	Kameswari, Karishma, SaiAlekhya, Divya			Awards
Poster competition	Cash Prize ASCE	MEC (Sep-2019)	01/09/2019	IGS Poster competition
Concrete Excellency award	P. Amrutha	Ultra Tech Cement Ltd	Nil	Excellency award
Best Student Chapter	Civil Engineering Department	ICI Knowledge Center	07/09/2019	ICI Knowledge Center
ICI ULTRATECH CONCRETE EXCELLENCE AWARDS 2020	E.Ravi Chandu Reddy, K.Renuka, A. Rohitha, Jyothi Induja	ICI Student chapter	Nil	Special Appreciation award
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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
No Data Entered/Not Applicable !!!					
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Mechanical Engineering	2
Humanities and Science	3

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!	
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!						
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

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

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
No Data Entered/Not Applicable !!!				
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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!			
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!					
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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
No Data Entered/Not Applicable !!!			
View File			

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
600	564

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
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KOHA	Fully	3.20.02	2017
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4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	49206	8897959	2038	1097672	51244	9995631
Reference Books	6635	Nil	186	Nil	6821	Nil
e-Books	130626	5900	6226	70875	136852	76775
Journals	101	385929	52	317794	153	703723
e-Journals	1022	1877954	Nil	1055232	1022	2933186
Digital Database	8736	Nil	Nil	Nil	8736	Nil
CD & Video	2005	Nil	30	Nil	2035	Nil
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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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	967	803	200	40	60	30	72	200	0
Added	30	10	0	0	0	0	0	0	0
Total	997	813	200	40	60	30	72	200	0

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

200 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Mr. B. Rajesh	https://moodlecloud.com/app/en/portal/view/raajesh6oodle
Mr. K. Ashokachary	https://youtu.be/MeHih9Y4qxs

Mr. T Pavan Kumar	https://youtu.be/ZY_lxbc3_pY
Mr. VIKAS BANDARU	https://www.youtube.com/playlist?list=PLskdfXwEU_DoF-V1v2siyR0oAAi4AfV91
M tarakeshwar Rao	https://www.youtube.com/watch?v=OGg2RvzGgdk
Ms. T. Devi	https://www.youtube.com/channel/UCkg0VbYcddRutoX0MUsE-g/featured?view_as=subscriber
Mrs. P. Suneela Bharathi	https://www.youtube.com/watch?v=GyzUcmYrwyQ&t=100s&ab_channel=Mbashaala

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
900	854	300	241

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)

Building Maintenance: ?HODs or the concerned in-charges make a requisition to the Principal regarding the maintenance of buildings and infrastructural facilities. This is further forwarded to the estate manager. The estate manager, after physical examination, submits detailed proposal to the project officer. ?The project officer discusses the same with the Secretary and Correspondent, obtains their approval and attends to the work within the least possible time. ?Further, the project officer submits quotations along with estimates for maintenance works, which is expected to incur expenditure of more than Rs.10000. ?Requisition is made to the Principal by the HODs/in-charges regarding furniture and is duly forwarded to the administrative officer. ?A.O discusses this with Secretary and Correspondent and takes necessary action. ? The supervisor looks after the maintenance of rest rooms, roads and neatness of the entire premises. **Hygiene:** ?The maintenance committee is headed by the Principal and convened by the administrative officer, who in turn monitors the work of the supervisor at the next level. ?The supervisor is accountable to the Principal/coordinator who organizes the workforce for various duties viz.,

- oIndividual floor-wise responsibilities
- oMaintaining duties and work timings
- oLeaves
- oPeriodic checks to ensure the effective functioning of the infrastructure

?Adequate housekeeping staff is employed to maintain hygiene and proper infrastructure that provides a congenial learning environment. ? Dustbins are placed on every floor. ? The green cover of the campus is well maintained. **Hygiene and Sanitation:** ?Cleaning personnel clean the washrooms four times a day, using disinfectants, detergents and naphthalene balls. ?Care is taken in providing and maintaining exhaust fans on a regular basis. ?These activities are monitored by the supervisor. **Class Rooms:** ?Use of non-dust chalks. ?Cleaning class rooms and furniture. ?Supervisors monitor the work and lock the class room. Log books pertaining to the attendance of cleaning personnel are maintained by the estate manager. **Laboratories-Equipment-Maintenance:** ?Laboratories of all departments are well equipped and maintained

regularly to avoid discrepancies in the academic schedules. The in-house maintenance and repairs are addressed by the respective department lab assistants/ computer operators who are qualified and trained. Maintenance of the equipment is done on a regular basis. Lab attenders, under the supervision of lab assistants, clean the lab equipment daily. Periodical checkups and calibration of equipment is done in all laboratories. Stock verification is done in all laboratories every year. Computing Facilities-Maintenance Utilization: Additional requirements of computers, as per the syllabus modification are procured to enable the usage for the research and the project work. Stipulated procedures are documented and executed for the maintenance of the systems. Majority of the classrooms in the institute are ICT enabled. The devices are maintained on a regular basis. An exclusive personnel is recruited to constantly monitor the usage of the systems. Additional ICT equipment is procured and kept ready for the replacement while the damaged one is sent for repair. This will enable smooth classroom delivery without causing disturbance to the lectures. Internet connectivity with a total of 200 Mbps band width is provided.

<https://vjit.ac.in>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fees Reimbursement	186	958600
Financial Support from Other Sources			
a) National	Fees Reimbursement	2037	64185000
b) International	Nil	Nil	Nil
View File			

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

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
5	5	4

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

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
No Data Entered/Not Applicable !!!	
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
View File						

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

The Institute does not have a student's council. However all departments have various professional bodies, Department clubs, students committees for various workshops / hackathons ,sports, NSS NGO bodies. With the view to involve the students in academic and administrative activities selected active and interested students are made as representatives in various committees. In each department one student is made as a member of department advisory board and he / she shall put forward the academic issues for the deliberation. The students

are made members of various committees like class monitoring committee, library committee, anti raking committee, canteen committee and etc. And or working under the guidance of senior faculty member for the defectiveness. Student members represent various issues and present their ideas at the respective committee meetings. Their suggestions are given due importance in arriving at the decisions. The involvement of students in these committees creates better understanding between administration and students. The organizational behavior and leadership qualities among the students get spruced up with their involvements in the event conducted in the institute. The performance of the student member in the events such as Graduation day, Engineers Day, Technical Fest Udhbavah-19, etc. are worth mentioning for their coordinated work in the smooth conduct of the programs without any hassles. Apart from above committees the Institute has also department wise coordinators for placements, Anti ragging committee, Student Grievance Cell, Sports committee and Cultural Committees to coordinate various activities.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institution has a registered Alumni Association. Alumni Association of Vidya Jyothi Institute of Technology (VJIT) is registered under the A.P. Societies Registration Act 1402 of 2010 on 10th December 2010. Its motive is to bring together all the Alumni to share their experiences and to extend their helping hand and provide guidance to the budding engineers of the college. The VJIT Alumni spread around the globe, support the college in various activities. It organizes yearly meet in College every year. Alumni association organizes various technical seminars/ guest lectures, motivates and guides students for their academic improvement. A pre meeting convened by Director was conducted on 9th January 2019 to discuss the arrangements to be made for the Alumni meet scheduled to be held on 2nd February 2019. In that meeting it was discussed that each department was to prepare a committee to host the alumni day and upon arrival of the alumni they are to be consorted by the current final year students and faculty. It is planned that the alumni are requested to go to class rooms and speak to the students in general and in the technical domain in particular. The views of the alumni are to be noted and assimilated for the implementation for the overall benefit of Institute. About 483 members attended the meet. The interaction of the alumni with the students is encouraging and eternal. The kind of suggestions, tips, dos and don'ts, supplementing references for undertaking the internship / projects given by alumni are worth mentioning. Narration of experiences of them under critical issues helps the students to develop the industrial practices on job

5.4.2 – No. of registered Alumni:

891

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1. Annual alumni meet was conducted on 28th December 2019
 2. 14 Guest lectures by alumni in various departments
 3. A guest lecture on How to upgrade Current Technologies by Pavani Sravya, 2014-18 on July 21st 2018
 4. A guest lecture on Recent trends in IT Industries by Prasanjeeth Paul, 2014-18 on August 25, 2018
 5. A guest lecture on Role of Testing Engineer by Sagarika, 2013-17 on October 22nd 2018
 6. A guest lecture on Recent trends in programming by Raghavendra, 2011-15 on 2nd February 2019
 7. A guest lecture on How to become Entrepreneur by

Srikanth, 2014-18 on March 23rd 2019 8.A guest lecture on The words of inspiration by Elukuchi Chandra Shekar, 2013-17 on July 20, 2018 9.A guest lecture on Recent trends in IT Industries by M Sanjay Krishna Rao 2010-14 on August 24,2018 10.A guest lecture on Institute to Industry by Pallapolu Krishna Chaitanya, 2010-14 on August 22nd 2018 11.A guest lecture on Cyber security by Konka Karthik, 2012-16 on October 27th 2018 12.A guest lecture on Campus Recruitment Tips by Karnati Bhanuprakash, 2011-15 on October 3rd 2018 13.A guest lecture on Motivation and Leadership by Vinay Mohan, 2011-15 on December 22nd 2018 14.A guest lecture on Motivation and Leadership by Awani Rawat, 2011-15 on January 21st 2019 15.A guest lecture on The recent trends in Programming Languages by Rahul Konda, 2009-13 on February 23rd 2019 16.A guest lecture on Career Guidance in Current Technologies by Mohd Zuberuddin Ubed, 2008-12 on March 18th 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)

The college involves all the stakeholders in decision making process for framing guidelines, rules regulations to ensure smooth and systematic functioning of the institute. Two of the faculty and the student representatives are invited to the BoG meetings and their view is obtained and duly considered. Governing body meetings are conducted regularly with transparency. The BoG members directly participate in various activities of the Institution. The minutes of the BoG, Academic Council and Annual Report are published on college website. The relevant information is shared with the employees through various meetings/circulars. The finance committee apprises the BoG of the finances of the college. Budgetary provisions for the departments are made based on the requirements/inputs provided by the HoD. The Institution also publishes audited financial statements on its website for public information. The Director/Principal creates an effective environment conducive for learning. He ensures that quality education is imparted to the students that foster the holistic development of the students looking into the all-round development of the institute and execution of strategic plans. The institution has in place several Committees / Sub-Committees to continuously monitor/guide the academic and administrative activities. The committees comprise key stakeholders including government, administrators, faculty, staff, industry, employer, alumni, parents and students. All the Heads of the Departments are members of the Academic Council and the minutes of the meetings concerned are recorded. Secretary Correspondent conveys the resolutions to the Director/Principal for implementation. Budgetary allocations are made in March to meet the expenditures of the current and the following year. The Director/Principal conducts meetings with HOD's once in a week to discuss various Academic/ Co Curricular/ Extra Curricular activities. Various activities such as Tech fests, Annual day celebrations, Sports meet etc,.are held with their involvement. Monthly department meetings are held in all departments where internal issues are discussed. The Director/Principal/Academic Coordinator attends the departmental meetings and solves the problems. Fortnightly staff council meetings are held to discuss and decide issues at the institutional level. Suggestions of heads of the departments are perceived by the management. The Secretary Correspondent addresses the staff meetings frequently to share and resolve the problems of the faculty. Decentralized governance system with good interpersonal relationships exists in the institute. Adequate systematized autonomy to all the departments and sections. Financial freedom is given to each HOD to up to Rs 5000/- to meet the needs of the department. Distribution of work to faculty. Identification of add-on courses. Selection of the content beyond syllabus. Organizing faculty and student empowerment programs.

Preparation of budget for the department for the following year. Autonomy to the HoD to decide on equipment purchases as per the guidelines. Empowering the In-charge lab faculty to prepare the laboratory requirements.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	Admission of students is through TSEAMCET/TSECET counseling for all the UG Courses and ICET for MBA program. However, B category seats are filled up by the college as per the norms of TSSCHE where in merit is given priority while for M. Tech. courses, GATE/TSPGECET is the basis of admission.
Industry Interaction / Collaboration	Industry Institution Interaction Cell, is established for the purpose of improving the relationship with various industries. The College has been taking proactive steps to develop interaction with industries with win-win situation. Many departments have under taken MoUs with different industries/companies with a view to pursue various activities like internship, project work, consultancy and guest lectures. Their services are utilized to provide value added services to students in specific technologies like Robotics, Artificial Intelligence, IoT, etc.
Library, ICT and Physical Infrastructure / Instrumentation	The College Library primary goals are to provide the required resources, such as text books, reference books, journals, video lectures, etc. to the user as specified in the curriculum. To improve the user experience further, one period per week is allocated in the time table for exclusively library work. Library committee monitors its functioning with regular meetings. The required books are requested by the Departments and shall be procured with the budget allocated. Library is fully automated in its processes using KOHA software and provides OPAC services. LCD projectors in all the departments. WiFi access points are being provided at various places in the campus. All the departments are provided with the required physical infrastructure, chairs, tables, printers, Xerox machines etc. as per the need and

	<p>requirements identified by the concerned Head of the department.</p>
<p>Examination and Evaluation</p>	<ul style="list-style-type: none"> • A tutorial plan is also prepared and followed for enhanced learning of the subjects. • The performance of students in a semester are evaluated in each course for 100 marks. For theory subjects Internal evaluation is 25 marks and external evaluation is 75 marks. • Internal Examination system : For every theory course, during semester there shall be 2 mid term examinations as part of continuous evaluation • Semester end examinations are conducted as per Autonomous regulations, the question papers are set for 3 hours duration, and 75 marks • End semester question paper setting is done by external subject experts short listed by the chief controller of examination. • End semester evaluation is done by external subject experts. • The practical end semester examination will be conducted by with an external examiner along with one internal examiner.
<p>Curriculum Development</p>	<ol style="list-style-type: none"> 1. The institution has an effective mechanism for curriculum development. The Board of studies scrupulously designs curriculum which is in line with department Vision Mission, PEO'S and PSO'S. 2. Several brain storming sessions are conducted both at department and institution level involving faculty, students, alumni, industry representatives, professional and academic experts. 3. The BoS consists of University Nominee, leading academicians from reputed Institutes , Industry experts and Senior professors from the departments. 4. The curriculum prescribed by AICTE and various reputed Institutes and Universities IIT/NIT'S curriculum have been referred in framing the syllabus. Keeping in view of outcome based education and also focusing on program outcomes syllabus has been framed. 5. The draft syllabus prepared by departments is placed before the BoS. 6. BoS members extensively discusses and reviews the syllabus and finally comes with one version of syllabus. 7. The final BoS approved Curriculum is placed before the academic council for approval. 8. Course objectives have been specified in addition to the course code and

other details. 9. The text books, reference books, e-books for each course have been listed. 10. The curriculum components of the syllabus cover all relevant topics in all programs offered. 11. Autonomy facilitated individual faculty to create innovative pedagogical tools and implementation the respective class rooms. 12. The assessment criterion is based on the seminars, quizzes, assignments, Mid-examinations, Mini projects and term end examinations 13. The curriculum revision process is continuous and revision is done once in every two years 14. Keeping the placement prospective two mandatory courses have been introduced in Professional communication in 2nd year /Quantitative methods and logical reasoning (QLMR) in 3rd year and Open elective have been introduced in 3rd and 4th year

Teaching and Learning

The following are some of the innovative processes adopted by the institution towards teaching learning • The institute strives to maintain the teaching-learning process student centric. Emphasis is laid more on practical aspects of the subjects. Seminars, projects, group discussions are organized at regular intervals to enhance the learning experience of students and hence bring about holistic development of students • E-learning through NPTEL/ online videos and certifications are encouraged. • Personalized attention is given to each student by dividing them into small groups for projects and seminar work • Individual guidance is also provided to each student during interaction of faculty mentors with the students • Experts are also invited from leading academic organizations and from industry to guide the students in related field • Lesson plan with course objectives and course outcomes are prepared by the subject handling faculty and is duly approved by the Head of the department. • Teaching dairy's and course files are monitored. • Adherence to Academic Calendar in each semester is monitored by the Head of the department and Departmental advisory board. • Every faculty member prepares the course file. Course file contains lesson plan, syllabus, unit

wise class material, Unit wise Assignment questions, and old question papers. • Well structured lesson plans are prepared/ revised for all theory and practical courses on a period to period basis and are made available in the website for student's access. • Laboratory manuals are prepared and are available in the Labs • Review meetings are arranged periodically to review the coverage of syllabus. • Active learning strategies TPS / Collaborative learning / Flipped class room are implemented by the faculty • Project based learning • Implementation of outcome based education (OBE) • Inter disciplinary student projects • Progression of students continuously monitored • Financial support to faculty to participate in International conferences • Conduct External Internal academic audits on a regular basis • Classrooms are fitted with LCD Projectors • Remedial classes/Tutorial Classes • Industrial Visits/Participation in Hackathons /Projects Mini Major are as part of the curriculum

Research and Development

A research coordinator is earmarked in the institute to catapult the RD activities to higher levels. To alignment the research activity the faculty members are encouraged with incentives whoever published technical papers in peer reviewed journals. The faculty members are motivated to pursue their Ph.D programme by granting special leave at various stages. The administration encourages through acquisition of new equipment /software in the laboratories of different departments. Our Institute has applied for research centre status by JNTUH also to have collaborative research in the area of material science, the Institute has applied for research grant to JNTUH under TEQUIP scheme.

Human Resource Management

Utmost importance for the development of faculty and non-teaching staff is taken up for the improvement of their knowledge and skills employing various measures. They are encouraged to participate in the short term Courses/workshops organized by the reputed organizations to further their interaction with faculty in other institutes to know the practices

followed by them in academics and research. The management also perceives that research is essential to make the faculty members up to date in their knowledge of the subjects of their discipline. It provides all the resources required for research as well as encourages sharing their research findings through publications and conferences

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

E-governance area	Details
Administration	EzSchool
Finance and Accounts	Tally
Student Admission and Support	100 pin
Examination	BEES

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
No Data Entered/Not Applicable !!!				
View File				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

Nil	40	Nil	3
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6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Health Insurance	ESI, PF, Health Insurance	Group Accidental Insurance

6.4 – Financial Management and Resource Mobilization

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

The Institute has a mechanism for internal and external audit to ensure financial compliance. The institutional accounts are regularly audited. The observation of the auditors if any are immediately corrected / rectified.

Internal Audit: The internal audit is an ongoing continuous process. Qualified Internal Auditors from external sources are permanently appointed and a team of staff make a thorough quarterly check and verification of all payments, receipts journal vouchers, cash books, ledger account review that are carried out in each financial year on an accrual basis system.

External Audit: The external auditor appointed by the college performs audit of the financial statements of the college. The financial records are audited by qualified chartered accountants at the end of each fiscal year and income expenditures, balance sheet and prepared notes to accounts are certified. Statutory financial audit of institute is conducted in two sessions, first in the month of October November/ December for a period of six months starting from 1st April to September and second in the month of May/ June for the period from October to March. Finalization of account is completed in June and audited statement is prepared in July. The audited statement is duly signed by Chairman and Chartered Accountant. All accounting systems are accrual based, computerized and maintained on Tally. The Institution also publishes audited financial statements on the institution's website as information for the public.

Finance Committee: The Finance Committee is an advisory Body to advice the BoG on all matters connected with the finances of the college. The BOG reviews/ratifies the proceedings. Budgetary provisions for the departments are made based on the requirements/inputs provided by the HOD. The departments propose their budgetary requirement for the particular year. In the capacity of the Member-Secretary of the Board of Governors, the Principal puts forth proposals on finance related matters and seeks approval and ensures its apt implementation. Annual budget for institute is prepared at the beginning of financial year, considering potential income and expenditures (recurring and non-recurring) involved for the year. The financial management transactions are done through Tally Accounts management software to deal with huge volumes easily. Fee collections/payments are operated through online for the convenience of the students/parents. The salaries of all the employees of the institute are computerized. All the expenditures including the purchases of recurring and recurring items are done through Cheque/NEFT/RTGS mode for the sake of transparency. This mode makes the process quite easy and accounting is done as per the standard norms. However, the transactions are done through Internal and External Audits Yearly once. The Internal Audit Committee is headed by Administration Officer with members from accounts department and senior members from various disciplines of the institute. They check the ledgers, cashbooks, journals at the end of every financial year by following accrual system. The external auditor who is a registered Charged Accountant appointed by the college performs the audit of financial statements. Income and Expenditure statements and balance sheet.

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
NA	0	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

0

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	Nil	Yes	Academic Coordinator, IQAC Coordinator
Administrative	Yes	Nil	Yes	IQAC Coordinator

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

<p>After the First Mid Examinations Parent-Teacher meeting is conducted by departments. 1.To discuss on the progress of the wards and attendance 2.Feedback on curriculum 3. Feedback on facilities provided 4. Feedback on faculty teaching 5.Suggestions on betterment of teaching learning process</p>

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

<p>1. ICT Mode Short Term Training Programme on Modern Manufacturing Systems 2. ICT Mode Short Term Training Programme on Indian Electricity Rule and Code of Practices 3. MS Word Excel Skills training 4. Soft skills training 5. Apart from the above the support staff in laboratories also participates in the workshops conducted by respective departments (related to their domain)</p>

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

<p>1. Periodic audits in the departments 2. Attainments of PO's PSO's are monitored for continuous improvement. 3. Continuous monitoring of CO's as per Blooms taxonomy, CO-PO mappings to strengthen in the areas of suggestions given by NBA. 4. NAAC accreditations quality improvement as per peer team visit</p>

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
No Data Entered/Not Applicable !!!					
View File					

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
Rural Immersion Program	19/07/2019	20/07/2019	25	10
Independence Day	15/08/2019	15/08/2019	120	80
Art of Saving Ourselves	17/08/2019	17/08/2019	500	750
Airtel Marathon	24/08/2019	24/08/2019	130	70
Fit India Movement	29/08/2019	29/08/2019	180	120
Safety Session for Women by Cyberabad Police Station	21/09/2019	21/09/2019	800	1250
Fit India Plog Run	02/10/2019	02/10/2019	70	34
Rashtriya Ekta Diwas	31/10/2019	31/10/2019	240	200
Taekwondo Training for First Year Students	02/08/2019	02/08/2019	250	Nil
One Day Seminar on Cyber Crime Awareness Under Cyber Jagruthi Programme	02/11/2019	02/11/2019	284	360
One Day Workshop on Role of Women in Construction Industry.	05/01/2020	05/01/2020	450	240
Health Camp	25/01/2020	25/01/2020	300	200
Republic Day	26/01/2020	26/01/2020	110	60
Counselling session on Awareness on Mental Health	29/02/2020	29/02/2020	600	820
She Coders	08/03/2020	31/12/2020	1182	Nil
Women's Day	08/03/2020	08/03/2020	800	200

Celebrations				
Gynecology Session	21/03/2020	21/03/2020	300	Nil
Know your Mental Health: Quiz by Delta Club	10/04/2020	10/04/2020	600	840
International Yoga Day: Way to Mental Peace	21/06/2020	21/06/2020	1000	2140
Circular Economy	02/10/2020	02/10/2020	560	1150
Webinar on constitution day	26/11/2020	26/11/2020	675	1055

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
Electrical energy requirement of the Institute is 600 KVA to satisfy this demand a 315 KVA transformer provides power supply in addition to this a 200 KVA and two 125 KVA generators are installed in the campus. To reduce the carbon footprint in the Institute 100 KW solar power generating panels are installed. This solar power is used for the main blocks in the institute and excess power is pumped to Telangana State electricity grid. This solar power satisfies about 18 of the Institute electrical power demand.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil

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
No Data Entered/Not Applicable !!!							
View File							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Moral values that ought to guide Resolve the moral issues in the	12/06/2019	Abiding by institution policies is a powerful way to demonstrate

profession

integrity. Cutting corners and neglecting to follow workplace regulations can lead to mistakes, problems and even dangerous situations. Your willingness to properly record financial transactions, safely dispense of hazardous or toxic materials, follow Institute protocol for dealing with stakeholders, perform clean-up or set-up procedures and properly maintain equipment shows others that your not just looking for the easy way out. Establishing yourself as a trustworthy worker who submits to Institute policies shows your principal and co-employees and students that you all faithfully carry out your duties

Dress Code

17/06/2019

Clothes make the man. Having a healthy self confidence is vital to your well-being. Not only is it mentally and emotionally beneficial for you to feel good about yourself, but it can actually make you more successful. wearing clothes that make you feel important or intelligent can change the way you interact with others as well as your cognitive functioning. Professional teachers and students required to dress in a professional way

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2019	21/06/2019	495
View File			

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

Energy Conservation 1. The college has a widespread arrangement for the power connections with a Central Substation, Control panel and Power room. Breakers are available at substations and Control Panels are available at Power Room. Panels and Distributions boxes are available at individual Departments. 2. Underground power cables (Aluminum armed 3 Phase with neutral, 6 mm² to 240 mm²) are used to minimize losses. 3. Staggering of classes has been done to reduce peak load. 4. Switches are provided outside each classroom/lab to switch off power to these areas when not in use, leading to substantial saving in power. 5. CFLs are used in small rooms and corridors along with tube lights. 6. Classrooms and labs are designed in such a way that natural lighting and good ventilation is provided. 7. Use of Led Bulbs in some rooms to reduce power consumption. 8. Computers in the labs and staff rooms are in hibernation mode after 30 minutes. 9. Bills are mostly paid online. Use of Renewable Energy: Many projects were done by the B. Tech. students. A few are listed below: 1. Solar Powered Agriculture Pump Set 2. Solar Powered Electric Fencing Was Done by The Students for The Institution 3. Wind, Solar Hybrid Power Generator Water Harvesting 1. There is enough open space and mud paths to harvest the rainwater 2. There is enough extent of plantation to reduce evaporative loss and soil erosion 3. Rainwater harvesting structures are built to conserve rainwater 4. Swales are been constructed for harvesting rain water Efforts for Carbon neutrality The college at its own level has taken up certain preventive measures to check the emission of carbon dioxide. The college has made arrangements for the parking of the vehicles of the students in the college ground. The dead leaves and the waste papers are not allowed to be put on fire. The leaves are buried in the soil itself and the papers are send for recycling. This helps in keeping the campus as much clean as possible. Plantation The lush green campus has many wide and multi branched trees. The different varieties of plants are nurtured with care. Among the them there are many Native Species, like Ashoka, Neem, Gulmohar, Pletophorum, Fig, Peepal etc. The Kanuga trees which are also considered as Petro-Crops which are used as Biodiesel are also nutured, to make students aware of non-conventional fuels. The premise is also having Broad-Leafed trees which are helpful in preventing noise pollution.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 I.)Title of the Practice: Strengthening of Industry- Institute Collaboration 2.Objectives of the Practice To enhance the relationship between the Institute and industry. To promote participation of industry personnel in the development of curricula high quality student projects. Visits of industry executives and practicing engineers to the Institute To facilitate industrial training for students, internship programs and To encourage entrepreneurial activities among the students To support consultancy/ training services using the institutional expertise 3.The Context Interaction between institutions and industry is the need of the hour, for a healthy exposure of This of industrial atmosphere amongst technical students and subsequent placement of young graduating engineers in industries across the country. The cell is the bridge between the industry, the real world and the institute. Industrial exposure of the faculty is productive and supportive to guide students in the latest industrial practices. 4.The Practice Centre of Excellence in Data Analytics with Qlik India, USA Centre of Excellence in Software Testing with Virtusa Centre of Excellence in Talent Sprint Centre of Excellence in the field of Manufacturing with Lean Technocrats Collaboration with Blue Prism Collaboration with Certiport MoU with Ajna Net works MoU with National Academy of Construction MoU with Smart Infrastructural Engineering Services Trust MoU with Unique Survey Solutions MoU with Hyderabad Institute of Electrical Engineering MoU with Balaji Electrical and Engineering works. MoU with ECI Engineering and Construction. MOU with NI Lab VIEW Academy MoU with Eduvance, Training Partner

of ARM University Program Cypress Semiconductors. Center of Excellence in Networking Laboratory with CISCO 5. Evidence of Success Qlik: Data Analytics CoE Online Learning Certification 143 Students and 4 staff are certified by Qlik till date. Two papers were published by our faculty Center of Excellence in Software Testing with Virtusa Software Testing - CoE Certification in ISTQB and OJCP - 55 students and 3 staff are certified. Center of Excellence in Talent Sprint Online Learning and Assessment Platform for all interested 3rd and 4th Yr students Blue Prism Certification 83 Students are certified till date Center of Excellence in the field of Manufacturing with Lean Technocrats Lean - "The Means for Leveraging Growth". The Lean Technocrat certification is exclusively for Electrical, Mechanical Engineering students. Primary focus is on manufacturing industries for top-line growth. Lean Tech certification Placements. Total 170 students Certified in 3 yrs Collaboration with Certiport Microsoft and AutoCAD Certification at VJIT - Total 722 students got certified.

HTML : 215 certifications from 3rd and 4th Years. (CSE/IT and ECE branches)
Database : 125 certifications from 3rd and 4th Years. (CSE/IT and ECE branches)
Auto CAD : 385 Certifications from 3rd and 4th Years (Civil/Mech and EEE Branches) MoU with Ajna Networks One of the alumni of ECE department recruited 17 students from VJIT in 2018 MoU with National Academy of Construction. CIVIL Students availed field visit to several construction models in NAC (50 Nos) CIVIL Students got placed in DEC Infra Pvt. Ltd. Hyd. after completing 1 month course offered by NAC (No. of offers 7) MoU with ECI Engineering and Construction. To guide students for Mini Major Projects. 40 internships from EEE students. MoU with Eduvance, Training Partner of ARM University Program Cypress Semiconductors. 161 students and five of our faculty were certified by ARM University, Cambridge, UK. Another 44 students and three of our faculty got certified under PSOC Semiconductors from Cypress semiconductors. MoU with NI Lab View Academy Mini Major Projects and 3 students has done internship 100 CLAD Certification - 105 students and 6 faculty CLD Certification - 9 students

6. Please identify the problems encountered and resources required to implement the practice Problems Encountered In few of the cases (of the CoE) the related certifications are expensive and hence it is difficult to sponsor all the students. A major problem was identified at the beginning where the CoE s could not run without skilled and certified internal faculty. Resources required to implement practices Well-equipped computer labs with recommended software and hardware Journals and books for students to work on their specific areas Skilled human resource II.) Title of the practice: PRAYUKTHI-Employability , Entrepreneurship and Higher Education Centre 2. Title of the practice: Prayukthi is an initiative taken in the year 2016 to help the students coming from reserved categories (SC/ST), so that they can stand strong. PRAYUKTHI in VJIT is considered as best practice as because from the inception, this initiative is creating a significant change in the learning and development of the reserved category students. 3. Objectives of the Practice To motivate SC/ST students for higher education, government jobs and other professional jobs. To train the SC/ST students for exercising expertise in the arena of soft skills, communication skills, interpersonal skills and preparing them to face interviews and get better placement. To provide study material for all competitive examinations prepared by experts. To access all the desired resources required for students and interact with faculty members beyond the class work To transform the passive learners to active learners and reproduce knowledge. To support financial assistance to needy students by the College management and forum To conduct seminars and guest lectures by experienced faculty and HRs from industry. Involve the student's right from first year to final year to understand the importance of career building, industrial jobs and entrepreneurship. To become confident in taking assessments and final certifications related to skills required 4. The Context Most of the SC/ST students have vernacular back ground of villages, other states etc. Besides communication, having a recap and on time memory of the academic concept is a

big challenge for them. Many of the SC/ST students may not have basic concepts of the subjects as they were not taught about the importance of basic concepts at Intermediate level. Students are not aware of the skills required for employability. Hence in VJIT we initiated this scheme to motivate and improve SC/ST students skills. 5.The Practice Conducted training classes GATE/ GRE GRE/TOFEL Business English Certificate/The Hindu STEP classes for improving communication skills Oxford Achievers program : An online English Learning Assessment system Cetriport Certifications by Microsoft in Data Base/HTML/Auto CAD NPTEL Certifications AutoCAD for Brngineers, Solid Works Modelling Assembling and Sketcher Drawing : After College hours training was given to the students Coursera Certifications during the Pandemic period Google Cloud Readiness Program CRT- Campus Recruitment Training programs : The Institute invites Soft Skill Trainers from Talentio Canteliver to provide training, Qlik Certifications in Data Analytics IIT Bombay Spoken Tutorials MySQL Certifications Motivation and to develop entrepreneurship among the students.

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

<https://vjit.ac.in/wp-content/uploads/2020/06/Best-Practices-NAAC-AQAR-2018-19.pdf>

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

VJIT vision and mission are oriented towards the holistic development of the students in research activities, innovation entrepreneurship programs, skill development value added courses for transforming them to socially, ethically, morally responsible technical graduates. The performance of VJIT as a technical institution to make the institute distinct is planned under the common umbrella of NYPUNYA, the seed of learning and development. UTKARSHAH: It is meant to amalgamate different domains of centre of excellence for student industry readiness and works on conceptualized monitored executed practices in the field of higher education. ANTHAPRERNA: It Is for inculcating business and entrepreneurial skills in students. It will enable the students to hone their skills in self branding and pave the way of business budding ideas and make their dreams come true on self promotion and shape their and other lives. ANVESHANA: it is meant to motivate the students towards research and volunteer them in becoming curious, creative and imaginative, a sense of openness in strengthening research minds of UG and PG level students of VJIT . EKALAVYA: It is for motivating the students to go ahead with self learning capabilities and make them unique compared to others in exercising self development skills for a successful career. YUKTHI: Under this flagship program enthralling events are held in imbibing human values, ethics and life skills in the students HITA: It is a student service club where the students join hands for social welfare programs. 1. UTKARSHAH, the Centre of Excellence : 3 center of Excellences established. 2. ANTHAPRERANA, the EDC Cell/ Incubation Centers/ Innovative Project Ideas/ Startups EDC Cell organizes Entrepreneurship Awareness Programs /DST NIMAT Funding Entrepreneurs: The students are encouraged to develop Entrepreneurship skills owing to this , 43 students have set their own startups and achieved outstanding success Emerging Startups: A well-deserved recognitions achieved by Ashfaq Nisar, Vinay Reddy, G. Vamshi, R. Manogna Manasa k for initiating EZERKA a startup in their third year B. Tech Incubation centers: • Data ready Technology Corp., a Canada corporation located in Toronto, Ontario, Canada with effect from 19th February 2019 to 18th February 2021 • MSME recognized Business Incubation center. MSME-DI visited the Institute premises on 30-04-2019 3. ANVESHANA, the Research Platform: •Research centers: Established Research Centers in the departments of CSE and Mechanical.

•Research Guidance: The distinguished and eminent doctorates of VJIT are guiding 40 Research Scholars registered from various reputed universities

•Registered for Ph.D: 80 faculty members registered for research in various reputed Universities

4. EKALAVYA, the Self-learning Courses/ value added courses: 5. YUKTHI: Events such as international yoga day, well being seminars, spiritual retreats, institutive knowledge, meditation activities are conducted

The events bring a gradual transformation of students in yielding to human values and ethics. 6. HITA, Service with Pleasure It is a student service club, where students are working with society. It has been initiated with in an inner drive of "Service to Mankind is Service to God".

Provide the weblink of the institution

<https://vjit.ac.in>

8.Future Plans of Actions for Next Academic Year

The Application for accreditation of UG Civil Engineering Programme is prepared in this academic year and the visit by the team is due for inspection. All preparations are spruced up for this process. The second cycle of renewal for NBA Accreditation (CSE/ECE/EEE/Mech/IT) is due in the month of June 2021 and the preparatory work initiated. NAAC accreditation shall be lapsed by March 2021 and the institute is geared up for the 2nd cycle. Autonomous status renewal of the institute is due in the month of April 2021 and steps are afoot for onward submission. The NIRF ranking is highly targeted with all credentials, by taking cue from the ranked institutes to attain a better rank. A plan is devised for improvement of parameters in Atal Ranking of Institutions on Innovation Achievements. Further it is planned to avail services of trained personnel at the institution level to acquaint teachers, staff and students regarding latest technical trends of industry and create awareness of the dynamic employment market. Students are encouraged to avail both methods of learning (traditional/Virtual), like Certificate and Diploma Courses available in Coursera, Udemy and Future Learn, as per their interest so they can cater to their future plans. The college also plans to add more online teaching, opening new vistas for flexibility progression and academic mobility leading to improved potential for employability. We plan to put forth a conscious effort, striving hard and focusing on enhancement of skills like Communication Skills, Technical Skills, Human Values Ethics along with Teamwork Management Skills among students. Enhancing Infrastructure is an ongoing process to cater the needs and required facilitations. The institution plans to collaborate and interact with research laboratories, institutes and industry for research activities to enter formal MoUs. Plans to provide seed-money to faculty for research in all departments of the institute to undertake inter-disciplinary research, the e-library facility available serves the cause. This encourages Faculty members towards Research Projects and apply Patents. Extra effort is planned with measures to be taken by institution to facilitate smooth progress implementation of research schemes and projects by providing support in terms of technology and information. This academic year research centers have been granted for CSE Mech Departments, further establishment of Research Centers by the JNTUH shall be pursued in IT/Civil/EEE and ECE. The efforts for Consultancy Projects will be placed vigorously for improving Technical Skills and Re-sharpening Knowledge. Continuous efforts from the placement team to improve the quality of placements targeting increased average salary package. The Industry Institute Collaboration improvement plan has been done and the Cells shall work in tandem with the industries and get upbeat move for mutual benefit. Despite COVID-19 roadblock in the progress, achievement and execution of our plans, yet it helped in boosting online classes. Further adapting to the new normal 30 of curriculum shall be encouraged by online teaching. Teachers and students shall be prepared for any unexpected situations in future.

