Yearly Status Report - 2019-2020

Part A
Data of the Institution

1. Name of the Institution	**VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY**
Name of the head of the Institution	**Dr.B. Arundhati**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08912755222**
Mobile no.	**9866399921**
Registered Email	**vignaniit@yahoo.com**
Alternate Email	**iqac.viit02@gmail.com**
Address	**Beside VSEZ, Near Duvvada Railway Station**
City/Town	**Visakhapatnam**
State/UT	**Andhra Pradesh**
Pincode	**530049**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**08-Mar-2017**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. Challa Narasimham**
Phone no/Alternate Phone no.	**08912755222**
Mobile no.	**9550769372**
Registered Email	**iqac.viit02@gmail.com**
Alternate Email	**vignandata@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.vignaniit.edu.in/AQAR2018-19.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.vignaniit.edu.in/Academic%20Calendars_2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.54**	**2012**	**10-Mar-2012**	**09-Mar-2017**
2	**A**	**3.41**	**2017**	**19-Jul-2017**	**31-Dec-2022**

6. Date of Establishment of IQAC	**11-Jun-2012**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Reaccredited by NBA	04-Jun-2020 1	3500
Annual Academic Audit	08-Oct-2020 1	4857
Annual Administration Audit	13-Oct-2020 1	287
Automation of Day to Day activities	03-Jan-2020 30	4857

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	2(f) 12 (B)	UGC/GoI	2014 9125	0
Institution	UGC Autonomy	UGC	2017 2190	0
Institution	NAAC Accreditation	UGC	2017 1825	0
Programs	NBA Accreditation to UG courses of – CSE, EEE, ECE, IT & ME	NBA	2020 1095	0
Institution	FIST	DST	2016 1825	4500000
Faculty - Dr. Chintapalli VSN Reddi, Professor of ME	SERB	DST	2017 1095	3603600
Faculty - Dr.K.Srinivasa Naik, Assoc. Prof. in ECE	SERB	DST	2017 1095	4061000
Faculty - Dr. Pudi Sekhar, Assoc. Prof. in EEE	SERB	DST	2017 1095	3096410
Faculty - Dr.Yellareswara Rao Kosuri, Assoc. Prof. in BS&H	SERB	DST	2017 1095	3339600
Faculty -	SERB	DST	2017	4502830

Dr.Aggala Naga Jyothi, Assoc. Prof. in ECE			1095

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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View Link
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View Uploaded File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**Yes**
If yes, mention the amount	**3000000**
Year	**2020**

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

- **An initiative on hands on experience to the students by implementing the theory courses integration with the laboratories. • Industry work culture to the students "Semester long time Internship" is initiated • In order to reduce the gap between industry and Academia the institute has encouraged the students to acquire the skill in their core areas through APPSSDC, DASSAULT Systems, CM's skill centre, CFI and Internships. • Academic Audit is in place during every academic year to identify and eliminate non compliance thereby can assure the improvement in the quality.**

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

Plan of Action	Achivements/Outcomes
Developing structured and standard documentation format to collect the data/activities on regular basis.	Documentation standard for monthly report has been developed, the same is being used by the departments for reporting progress to various parameters. All formats released to

	related to Academics activities, Administration, Research & Infrastructure circulated to all departments to collect and process the data
Proposed new add-on features to enhance the existing Management Information System (MIS)	Formulated a steering committee to develop the system including the experts of the software concern
Fixation and follow up of NAAC attainment levels	Attainments / benchmarks as suggested by NAAC have been prepared and circulated to all the process owner's and follow up is being in practice by the IQAC cell.
Review of lesson plans, MID term question papers as per Blooms Taxonomy and Attainment calculation for every course	Effective coverage of syllabus and the standards of question papers are improved.
Preparation and submission of AQAR	Draft AQAR was reviewed and approved by the UGC Peer team for submission.
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
UGC Peer Team	17-Oct-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	29-Feb-2020
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	2019
Date of Submission	20-Jan-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)	1. Registration of the students beginning of the semester 2. Entry and monitoring of student attendance 3. Entry and monitoring of internal and external evaluation process 4. Collection of the Tuition fee Information to the parents on wards'

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	A01	Civil Engineering	03/08/2019
BTech	A02	Electrical & Electronics Engineering	03/08/2019
BTech	A03	Mechanical Engineering	03/08/2019
BTech	A04	Electronics & Communication Engineering	03/08/2019
BTech	A05	Computer Science and Engineering	03/08/2019
BTech	A12	Information Technology	03/08/2019
BTech	A19	Electronics and Computer Engineering	03/08/2019
Mtech	D22	Transportation Engineering	03/08/2019
Mtech	D42	Power and Industrial Drives	03/08/2019
Mtech	D15	Machine Design	03/08/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Civil Engineering-A01	05/08/2019	Engineering Exploration-1000191110	05/08/2019
BTech	Civil Engineering-A01	25/11/2019	Industrial Visit-1001172231	25/11/2019
BTech	Civil Engineering-A01	25/11/2019	Industry Oriented Mini Project-1001173241	25/11/2019
BTech	Electrical & Electronics	05/08/2019	Engineering Exploration-1000	05/08/2019

BTech	Electrical & Electronics Engineering-A02	25/11/2019	Industrial Visit-1001172231	25/11/2019
BTech	Electrical & Electronics Engineering-A02	25/11/2019	Industry Oriented Mini Project-1001173241	25/11/2019
BTech	Mechanical Engineering-A03	05/08/2019	Engineering Exploration-1000191110	05/08/2019
BTech	Mechanical Engineering-A03	25/11/2019	Industrial Visit-1001172231	25/11/2019
BTech	Mechanical Engineering-A03	25/11/2019	Industry Oriented Mini Project-1001173241	25/11/2019
BTech	Electronics & Communication Engineering-A04	05/08/2019	Engineering Exploration-1000191110	05/08/2019
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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	Employability Skills-II	13/01/2020
BTech	Employability Skills-I	29/08/2019
BTech	Industry Oriented Mini Project- Course	25/11/2019
BTech	Industrial Visit- Course	25/11/2019
BTech	Engineering Exploration- Course (for CE, EEE & ECE programmes)	13/01/2020
BTech	Engineering Exploration- Course (for ME, CSE, IT & ECM programmes)	05/08/2019
Mtech	Transportation Engineering-Programme	23/09/2019
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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
BTech	Civil Engineering	25/11/2019
BTech	Electrical & Electronics Engineeringb	25/11/2019
BTech	Mechanical Engineering	25/11/2019

BTech	Electronics & Communication Engineering	25/11/2019
BTech	Computer Science and Engineering	25/11/2019
BTech	Information Technology	25/11/2019
BTech	Electronics and Computer Engineering	25/11/2019
Mtech	Transportation Engineering	24/09/2019
Mtech	Power and Industrial Drives	24/09/2019
Mtech	Machine Design	24/09/2019
Mtech	Electronics and Communication Engineering	24/09/2019
Mtech	Digital Electronics and Communication Systems	24/09/2019
Mtech	Computer Science and Engineering	24/09/2019
Mtech	Software Engineering	24/09/2019
Mtech	Information Technology	24/09/2019

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
Professional Ethics and Human Values	25/11/2019	697
IPR Patents	25/11/2019	668
CISCO	06/03/2020	186
Programmable Logic Control (PLC) (APSSDC)	03/09/2019	131
Problem Solving and Programming in Python Phase 1	24/09/2019	94
WEB Development with Python	25/11/2019	90
Etabs	02/12/2019	112
Internet of Things	17/02/2020	208
Problem Solving with Python Phase1 Phase2	17/02/2020	169
Revit Architecture Workshop	17/02/2020	150
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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	Civil Engineering	180
BTech	Electrical and Electronics Engineering	22
BTech	Mechanical Engineering	53
BTech	Electronics and Communication Engineering	192
BTech	Computer Science and Engineering	7
BTech	Electronics and Computer Engineering	13
MBA	Master of Business Administration	42

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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

Feedback is collected for all the departments in order to improve the teaching learning process, student feedback system enable the faculty member to improve the performance on an on-going basis. Feedback collection process: The institute believes that to prepare students with holistic skills, it is important to equip faculty with in-depth course knowledge, delivery skills and an understanding of student psychology. To ensure that the teaching methodologies adopted are in sync with the student and other stakeholder expectations, the institute follows a feedback mechanism as outlined below: • The feedback forms are available online. Student can login with their register number and fill the form. • The feedback collection process happens once in a semester. Feedback analysis process: • Performance of the teaching faculty will be analyzed by Principal / HoD's of respective departments based on the parameters mentioned in the feedback form. • All the comments written by the students in the feedback forms will be communicated to the respective faculty members along with their feedback levels to self-assess their strengths and weaknesses and to enhance their teaching skills. Corrective measures: Faculty whose feedback falls below 75 is mentored by HoD and members in the department. An orientation program will also be arranged for faculty with performance rating less than 75.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled

Mtech	Machine Design	18	6	4
Mtech	Power and Industrial Drives	18	6	5
Mtech	Transportation Engineering	18	13	3
BTech	Electronics and Computer Engineering	60	54	47
BTech	Information Technology	60	150	58
BTech	Computer Science and Engineering	240	1500	254
BTech	Electronics & Communication Engineering	180	500	190
BTech	Mechanical Engineering	240	400	209
BTech	Electrical & Electronics Engineering	180	155	153
BTech	Civil Engineering	180	138	89

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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	4553	304	261	26	32

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
319	319	1440	85	1	5

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)

Vignan has evolved a time tested mechanism through the years as an important activity to operate and to look after the overall well-being of the students of Vignan's Institute of Information Technology. Every faculty member is attached to 20 students for a semester or even a year. In the first two months, a counsellor meets the allotted students at least two or three times a week and observes individual student attitude, behavior, conduct and also in the group studies and maintains the profile of every student which includes the academic, economic, social, family background etc They inform the students about basic aspects like importance of regularity, dress code, language they have to use, inter personal relationships, group dynamics and also speak to individual students personally. After 1 or 2 months of this close observation and counseling, the counselor classifies them into three or four groups depending on criteria such as their performance in academics, any behavioral issues etc., After thorough understanding of every students personality, the counselor appreciates and encourages the advanced learners and helps them set higher goals. He or she renders moral support to average learners with insignificant behavioral problems and mentors them to improve the performance. If necessary, other senior colleagues and parents are involved to resolve these issues. Counseling is a continuous process at VIIT for all the 4 years of study helping them throughout in sorting out any issues and giving their optimum performance. This mechanism is followed by every counselor scrupulously which has yielded in resolving 90 issues.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4857	319	1:15

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
39	39	0	39	5

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.K.Yellareswara Rao	Associate Professor	JNCASR Visiting Felloship
2019	Dr.Debnath Bhattacharyya	Professor	Best Scientific Researcher of the year 2019, ASDF Global
2020	Mr.A.S.Dakshina Murthy	Assistant Professor	Young Scientist Award, VDGOOD Technology Factory
2020	Mr.A.S.Dakshina Murthy	Assistant Professor	International Distinguished Researcher's Award-2020, Green Thinker Z Awards
2020	Dr Challa Narasimham	Professor	D.Sc., UoS Panama
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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	Date of declaration of

BTech	A01	I/III	16/11/2019	09/01/2020
BTech	A01	II/II	15/05/2019	04/07/2019
BTech	A01	I/II	25/11/2019	29/01/2020
BTech	A01	II/I	28/05/2019	25/07/2019
BTech	A01	I/I	06/01/2020	18/03/2020
BTech	A02	I/III	16/11/2019	09/01/2020
BTech	A02	II/II	15/05/2019	04/07/2019
BTech	A02	I/II	25/11/2019	29/01/2020
BTech	A02	II/I	28/05/2019	25/07/2019
BTech	A02	I/I	06/01/2020	18/03/2020

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

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
9	4706	0.19

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.vignaniit.edu.in/courseOutcomes.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
A19	BTech	Electronics and Computer Engineering	40	14	35
A12	BTech	Information Technology	54	34	62.96
A05	BTech	Computer Science and Engineering	233	173	74.25
A04	BTech	Electronics & Communication Engineering	184	120	65.22
A03	BTech	Mechanical Engineering	241	129	53.53

A02	BTech	Electrical & Electronics Engineering	164	87	53.05
A01	BTech	Civil Engineering	170	88	51.76
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2.7 – Student Satisfaction Survey

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

http://www.vignaniit.edu.in/Student%20Satisfaction%20Survey%202020.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
Dr.S.V. Jagadeesh Chandra
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr.Challa Narasimham	D.Sc.	15/04/2020	UoS Panama
National	Dr.Debnath Bhattacharyya	Best Scientific Researcher of the year 2019	18/06/2019	ASDF Global Awards 2019
National	Dr.K.Yellares wara Rao	JNCASR Visiting Felloship	30/07/2019	Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) Bangalore
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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	1095	DST-SERB	205.5	14
Major Projects	365	UGC	30	0
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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
Introduction to Intellectual Property Rights	B.Tech - Civil Engineering	03/07/2019
FDP on Entrepreneur Development	B.Tech - Information Technology	10/02/2020
Intellectual property rights	B.Tech - Computer Science Engineering	14/05/2020
AP Skill Development Program - Embedded Systems Fundamentals 2019-20	B.Tech - Electronics Computer Engineering	09/09/2019
AP Skill Development Program - Web Development using Python	B.Tech - Electronics Computer Engineering	25/11/2019
FDP on Entrepreneur Development	Master of Business Administration	10/02/2020
FDP on Entrepreneur Development	Master of Computer Applications	10/02/2020
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Research	Mr.A.S.Dakshina Murthy	Green Thinker Awards	31/03/2020	International Distinguished Researcher's
Research	Mr.A.S.Dakshina Murthy	VDGOOD Technology Factory	15/02/2020	Young Scientist 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
Pre Incubation Center-1	Robotics Centre	Electropro Company, Hyderabad	Robots	Technology Development	10/10/2019

Pre Incubation Center-2	Digital Market Software Development	Rover Infotech PTE Ltd, Singapore	NH-7 Social Media	Software Development	11/01/2020

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Electrical and Electronics Engineering	0
Mechanical Engineering	0
Electronics and Communication Engineering	0
Computer Science and Engineering	1
Information Technology	0
Basic Science and Humanities	0
Master of Business Administration	0
Master of Computer Applications	0

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)
International	Basic Science and Humanities	11	2.1
International	Civil Engineering	11	0.5
International	Mechanical Engineering	25	0.9
International	Computer Science and Engineering	152	0.85
International	Information Technology	20	0.5
International	Electronics and Computer Engineering	10	0.3
International	Master of Computer Applications	18	0.6

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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
Master of Business Administration	1
Basic Science and Humanities	1
Electronics and Communication Engineering	4

Computer Science and Engineering	3

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Hexagonal split ring resonator based ultra-wideband LPDA	Published	202041015862 A	22/05/2020
Smart Wearable Reminder Device	Published	201941054851 A	03/01/2020
Self Rechargeable Drone	Published	201941048019 A	06/12/2019
IoT System to Detect and Analyse GAIT of an Individual and Method	Published	201941043934 A	01/11/2019
computer implemented method and a computer system for document clustering and text mining	Published	16658060	19/10/2019
Micro Controller based Tongue Operated System for an Ambulation Device and Method Thereof	Published	201841012146 A	04/10/2019
System for Networked Remote Online Teaching with Electronic Learning Board	Filed	202011028491	04/07/2020

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
Mix Design for Rigid Pavement by using Recycle Aggregate with the Addition of	Mr.Maddala Padmakar	journal of Critical Reviews	2020	0	Vignan Institute of Information Technology(A)	0

Admixture						

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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
Mix Design for Rigid Pavement by using Recycle Aggregate with the Addition of Admixture	Mr.Maddala Padmakar	journal of Critical Reviews	2020	5	0	Vignan Institute of Information Technology(A)
Characteristic Compressive Strength of a Geo Polymer Concrete	Mr.Maddala Padmakar	Materials Today: Proceedings	2020	27	0	Vignan Institute of Information Technology(A)
Concrete with ceramic and granite waste as coarse aggregate	Karri Srinivas	Materials Today: Proceedings	2020	27	0	Vignan Institute of Information Technology(A)
Effect of Alkaline Activators on Strength Properties of Metakaolin and Fly Ash Based Geopolymer Concrete	Karri Srinivas	journal of Critical Reviews	2020	5	0	Vignan Institute of Information Technology(A)
Strength Analysis and Validation of Recycled Aggregate Concrete	Borigala Brahmaiah	Materials Today: Proceedings	2020	27	0	Vignan Institute of Information Technology(A)

Peak Hour Analasis and Effect of Traffic Composition on Capacity of Arterial Roads	Borigala Brahmaiah	Journal of Critical Reviews	2020	5	0	Vignan Institute of Information Technology(A)
Behaviour of M60 grade concrete by partial replacement of cement with fly ash, rice husk ash and silica fume	Sathi Kranthi Vijaya	Materials Today: Proceedings	2020	27	0	Vignan Institute of Information Technology(A)
Establishing the need for rural road development using QGIS and its Estimation	M.Leela Priyanka	Materials Today: Proceedings	2020	27	0	Vignan Institute of Information Technology(A)
Evaluate compressive strength of Geopolymer by using Different fibers and curing condistions	K.Jagadeeswari	IJITEE	2020	0	0	Vignan Institute of Information Technology(A)
Experimental Analysis on Modulus of Elasticity of Slag Based Concrete	K.Jagadeeswari	Materials Today: Proceedings	2020	27	0	Vignan Institute of Information Technology(A)
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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	0	6	8	23
Presented papers	8	0	0	0
Resource persons	0	3	0	0

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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)
Dr. Ch V S N Reddi (PI) and Mr. M S R Visawanath (Co-PI)	Noise Reduction in Missile Room	Eastern Naval Command, Visakhapatnam	30000
Dr. Ch V S N Reddi (PI) and Mr. M S R Visawanath (Co-PI)	Noise Reduction from Blowers in Torpedo Room	Eastern Naval Command, Visakhapatnam	30000
Dr. Ch V S N Reddi (PI) and Mr. M S R Visawanath (Co-PI)	Design and development of Acoustic Studio	LV Prasad Eye Institute, Nov 2019	550000

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
-	-	-	0	0

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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
Motivational Talk on Power of Positive Thinking	NSS-VIIT	1	25
Awareness Rally on Ban Single Use Plastic	NSS-VIIT	1	70
Seminar on Excellence in Engineering Education	NSS-VIIT	1	50

Vigilance Awareness Week and National Unity Day at VIIT Campus	Bharath Dyanamics Ltd and NSS-VIIT	1	50
Special Programme on Mind Power and Meditation	NSS-VIIT/NH7	1	25
Learning session on Future leadership	NSS-VIIT	1	25
Sankranthi Sambaralu-2020	NSS-VIIT/NH7	1	100
NSS - SPECIAL CAMP	NSS-VIIT	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
Unnat Bharat Abhiyan (UBA 2.0)	Participating Institute for rural development	IIT-Delhi and Ministry for Human Resource Development (MHRD)	150
Ek Bharat Shreshtha Bharat (EBSP)	Participating Institute for improving the present cultural connection across various states of India	Government of India	100
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Vigilance Awareness Programme	Bharat Dynamics Limited	Vigilance awareness week and National Unity day	2	50
Training programme	Andhra Pradesh State Skill Development Corporation (APSSDC)	Budding engineers trained in entrepreneurship development	2	200
Awareness Programme	Bharat Dynamics Limited	Walkathon- Save Environment, Save Nature and Save our	2	25

		Future"		
Social awareness	Confederation of Indian Industry and Young India (CII-YI)	Notebooks distribution programme to tribal area Government School students.	2	110
Special Session	Confederation of Indian Industry and Young India (CII-YI)	A session on "Relevance of Principles of Mahatma Gandhi for Today's World"	2	400
Special Session	Confederation of Indian Industry and Young India (CII-YI)	A session on "Future Leadership" by CII Young Indians Vizag Chapter	4	1000
Training and workshop	Confederation of Indian Industry (CII)	CII training and workshop on "Imports Exports: Recent updates challenges ahead Foreign Trade Policy"	2	200
Learn-ing session	Young India	A learning session on "Future Leadership" for I B.Tech and MBA students	2	1000
Annual /Meeting and learning session	Young India	Annual session of Young Indians Visakhapatnam chapter Session on becoming Agents of Change- Right time?	1	50
Training programme	Green Waves	Training on making eco-friendly Ganesh idols	2	550
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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
Student Exchange	9	Lavu Educational	2019

		Society	
Faculty Exchange	3	Lavu Educational Society	2019
Consultancy Activities	1500	Lavu Educational Society	2019
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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
Project Management	Infrastructure Management Services	M/s.Srikara Cloud Technologies, Visakhapatnam (Franchisee o IIHT Ltd)	25/11/2019	24/11/2020	721
Student Sharing	Academic Cultural Exchange	IQS School of Management, Roman Llull University, Spain	02/08/2019	01/09/2020	6
Skill Up gradation	Skill Development	APSSDC	20/06/2019	31/12/2020	1400
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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
Andhra Pradesh State Skill Development Corporation	20/06/2019	To implement a structured and pragmatic solution to skill upskill the workforce in the State of Andhra Pradesh and to increase employability and promote entrepreneurship in sync with industrial growth of the State.	1400
M/s.Srikara Cloud Technologies,	25/11/2019	To promote and enhance academic	721

Visakhapatnam (Franchisee o IIHT Ltd)		interest between IIHT VIIT. To encourage eligible students of VIIT to train on various technologies as decided mutually by the both parties. To enhance and develop Student Knowledge in Latest courses like Cloud Compu		
ROVER INFOTECH PTE LTD, SINGAPORE	25/11/2019	Both VIIT and Rover Info Tech agree to share expertise on need basis. Staff members of VIIT and Professionals of Rover Info Tech may be offered nominal remuneration for knowledge sharing on mutual agreement of both VIIT and Rover Info Tech. Both VIIT		300
IQS School of Management, Roman Llull University, Spain	02/08/2019	To establish long-term partnership to develop academic and cultural exchanges, research and other areas.		6

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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
140	140.32

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing

Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	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
EZLIB	Partially	1.4.2	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	56590	13103800	525	331990	57115	13435790
Reference Books	6464	4187950	112	89600	6576	4277550
e-Books	9354	140479	6200	70686	15554	211165
Journals	81	329377	87	324920	168	654297
e-Journals	15082	749104	3771	187277	18853	936381
Digital Database	1	0	0	0	1	0
CD & Video	1537	0	0	0	1537	0
Library Automation	1	0	0	0	1	0
Weeding (hard & soft)	4165	2499000	0	0	4165	2499000
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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
Dr V.Madhusudhan Rao	Materials Engineering	Smart Board/ Digital Board/ Camtasia	05/03/2020
Prof. B Arundhati	Programmable Logic Controller	Smart Board/ Digital Board/ Camtasia	11/02/2020
Dr Syed Kamaluddin	Manufacturing technology -II	Smart Board/ Digital Board/	09/04/2020

		Camtasia	
Dr B.Sateesh	CAD/CAM	Smart Board/ Digital Board/ Camtasia	04/03/2020
Dr K Venkata Rao	Cryptography and Network Security	Smart Board/ Digital Board/ Camtasia	12/05/2020
Dr. N. Tirupathi Rao	Machine Learning	Smart Board/ Digital Board/ Camtasia	23/03/2020
Dr. E. Laxmi Lydia	Big Data Analytics	Smart Board/ Digital Board/ Camtasia	16/04/2020
Dr. B. Prasad	Data structures	Smart Board/ Digital Board/ Camtasia	27/02/2020
Dr.A.Nagajyothi	Operating Systems	Smart Board/ Digital Board/ Camtasia	10/03/2020
Dr Ch.Hari govinda Rao	Banking and Insurance	Smart Board/ Digital Board/ Camtasia	13/02/2020

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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	1178	846	140	30	2	12	172	140	220
Added	167	30	100	0	0	15	20	100	0
Total	1345	876	240	30	2	27	192	240	220

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

240 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
Smart Board with Video recording	https://bit.ly/econtent_me

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
100	117.89	25	27

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)

> i) The Physical Maintenance Committee comprising of teaching and non teaching staff looks after the maintenance of different buildings. ii) Classrooms are cleaned daily by Non-teaching staff, sweepers and maintained by supervisors. Measures and efforts are taken at the beginning of every academic session to create new classrooms, though within limited space, for effective management of class routine. iii) Laboratories are maintained by teaching faculty, non teaching staff and also the students. The chemicals, glass goods, instruments, equipments are purchased from the Developmental and/ or other Grants. In case of some instruments and equipments AMC is also made with the vendors. iv) Internet is available to all teaching, non-teaching staff during office hours. Teachers and students can avail internet facility from science library also. v) Drinking Water is provided by Aqua guard installed in the college which is maintained through AMC with the vendor. vi) Toilets are cleaned thrice a day by sweepers. Regular water supply is ensured. vii) Solar Power Plant is situated at the top of Terros of main Building which lightens our campus in the evening since the last couple of years and saves the consumption from Electric Supply Corporation this is maintained by the Solar Power Committee. viii) To meet the increasing demand for power due to infrastructural expansion power capacity of the college has been increased from 49 KVA to 200 KVA

http://www.vignaniit.edu.in/Infra%20structure%20policy.pdf

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	Mean Merit scholarship	113	2068050
Financial Support from Other Sources			
a) National	GOVT FEE REIMBUSEMENT (JAGANANNA VIDYA DEEVENA) 2019-20 AICTE Merit Scholarship	2473	0
b)International	Google Scholarship	1	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
APTIS Exam Communication	21/01/2019	187	British Council
Language and Communication Skills	11/02/2020	388	OXFORD ACHIEVERS,Jabez Oliver-9790719822
English	17/02/2020	120	VIIT(A),Internal-

Communication Skills Project			Coordinator-Ms.Padmaja Rani Behara-9866258090
Programmable Logic Control (PLC)	03/09/2019	41	APSSDC
Seminar on Internshala	17/07/2019	900	Dr Mathew and Team
TCS NQT Training	22/07/2019	450	Universal,FACE and Mission Ignite
Career Guidance Event on Higher Education	26/07/2019	410	Mr Ramakrishna Meduri,George Mason University
Maters in USA event	16/08/2019	210	MrsSravaniPere,Advise Education USA
Embedded Systems Fundamentals and Advanced	09/09/2019	43	APSSDC
State wide Skill Competition	24/01/2020	52	APSSDC
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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	GATE coaching, CRT, Oxford achievers	90	1120	45	835
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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
15	15	2

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
AMAZON	12517	1363	NA	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
2020	25	B.Tech.	CE/EEE/ME/ECE/CSE/IT/ECM	NIT/U.S. Univeristies	M.Tech./M.S.

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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
NET	1
GATE	14
GRE	55
TOFEL	67
Any Other	20

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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
YUVTARANG 2020- A Two Day National Level Sports and Cultural Fest	National	3500
73rd independence day celebrations	Institute	1000
Motivational speech by D. Lakshminarayana IPS, former CBI officer	Excellence in Engineering Education" and a Faculty Development Programme (FDP)	200
NSS students participation in VISTA-2K19	National	2500
Gandhi's 150th birth anniversary celebrations (Essay writing and elocution)	"No Plastic is Fantastic", "Say No to Plastic", "Stop Plastic Save Nature"	300
Rally on ban of single plastic	Institute	300
Talk of Dr. AS Sasikala on Gandhi's Principles	Mahatma Gandhi, Father of Nation	400
Motivational speech by Dr. K. Lakshminarayana, IAS, founder Motivational speech by Dr. K. Lakshminarayana, IAS, founder APSSDCAPSSDC	National	1000
National Unity Day celebrations	National	300

Eenadu Cricket Premier League	District	15

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Gold Medal in Roller Sports	National	1	Nill	17L31A03W8	Rayudu Arun Kumar
2019	Gold Medal in 57th National Roller Skating Ch ampionship	National	1	Nill	17L31A03W8	Rayudu Arun Kumar
2020	Gold Med al-JNTUK Central zo ne- Athletics	National	1	Nill	16L31A1931	S.Yaswanth
2020	Table Tennis at JNTUK University	National	1	Nill	19L31A0394	M.Sai Srujana
2020	Gold /Br onze_Athle tics at JNTUK Central Zone	National	1	Nill	16L31A0510	Y.Johnson
2020	Gold /Br onze_Athle tics at JNTUK Central Zone	National	1	Nill	17L31A02K6	Amarjith s Pillia
2020	Gold /Br onze_Athle tics at JNTUK Central Zone	National	1	Nill	17L31A0131	CH.L.Dee pak
2019	Chess at JNTUK Central Zone - Par ticipated	National	1	Nill	17L31A0248	K.Goutham

2019	Kabadi at JNTUK Central Zone - Participated	National	1	Nill	16L31A03J0	CH.Tarun Teja
2019	Foot Ball at JNTUK Central Zone - Participated	National	1	Nill	17L31A03L3	Ravi Prakash Sing

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

Conducting student extra-curricular activities, NSS Activities connecting to social responsibility Socio-Cultural activities Clubs - for all round development of students Activities relating to the student social responsibility UBA- Adoption of villages.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Institute has a registered Alumni Association and it works with an objective of supporting each other and the Institute at large. It coordinates annual Alumni Meetings, special interactive sessions, sports events, workshops, conferences for the benefit of existing students, alumni and the Institute at large. Institute has instilled the culture of supporting each other by involving the Alumni in various activities. Institute has been involving its Alumni through Alumni Association in various committees such as Academic Council, Board of Studies, etc. to develop inclusiveness among the Alumni. Institute has been inviting the outstanding and successful Alumni through Alumni Association for guest lectures, seminars, conferences, etc. Institute has been honoring outstanding and successful alumni through Alumni Association for the last three years. Alumni Association of the Institute has been facilitating interactive sessions for existing students by outstanding and successful alumni. Alumni Association of the Institute has been planning to set up a sports and cultural complex with the support of the Alumni for the benefit of students of the Institute. Alumni Association of the Institute has also planned special training and mentoring sessions for the students of the Institute those who could not secure proper placements. It has also planned to guide students to pursue higher education in premier organizations

5.4.2 – No. of registered Alumni:

725

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Eight meetings are conducted during the Year. One each by each department.(EEE, CIVIL, MECH, ECE, CSE, ITMCA, ECM and MBA)

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)

Practices of decentralization: • Organizational Structure • Vertical Horizontal Structure • Principal Vice-Principal • Deans • Office Superintendent • Head of the Departments • Coordinators • Faculty • Librarian • Hostel Wardens • Physical Directors Participative management: • Multidimensional Approach • Trust • Decision Making • Team Work • Sharing of Responsibilities • Motivation • Communication • Collaboration • Involvement • Democracy • Transparency • Accountability • Innovation • Problem Solving • Quality • Respect and identifying the common objective or goal

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	• A project related Course - Industry oriented mini project with 3 credits I VR-17 at third year level and societal project course - Mini Project 1 with 1 credit in VR-19 are introduced where students take up collaborative projects with local industries and local NGOs. • Courses like Engineering Exploration with 2 credits and Employability Skills-I and Employability Skills -II in each semester I and II respectively in MBA program with 3 credits each are introduced. • Value added courses Professional Ethics Human Values, IPR Patents, Constitution of India and CISCO Networking are introduced • The Curriculum is developed basing on the feedback of stakeholders in following steps 1. The feedback is obtained from various stake holders (Alumni, Employers, Academicians, Entrepreneurs and Parents) 2. Analyzed the contemporary needs 3. The curriculum is refined with implementable parameters without deviating AICTE and University guidelines 4. Circulated to BoS members and obtained comments 5. Again refined based on the comments and final draft is presented in BoS meeting for approval 6. Ratification by Academic Council
Teaching and Learning	• Exploration Learning • Participative Learning • Recognizasion to online courses • Introduction of the semester long internship • Integration of theory with lab

Examination and Evaluation	• Provision for revaluation and challenging evaluation • Question Papers and Question Banks preparation by renowned / expert faculty members • Stipulated period of completion and evaluation process • Introduction of Online assessment
Research and Development	• Formation of exclusive research board to enhance the research activities. • Establishment of Research centers
Library, ICT and Physical Infrastructure / Instrumentation	• All classrooms are given internet connections • Increasing of Band width of internet 140 to 240 MBPS • Connectivity of digital library with NMC to provide Virtual Library • E-Laibrary having the professional subscription like IEEE etc.
Human Resource Management	• 15 Faculty members awarded Ph.D • 20 Faculty registered for Ph.D • 20 faculty development programmes organized on various topics • 2 Skill up gradation Training for Non teaching staff
Industry Interaction / Collaboration	• To enable the faculty contributing towards research • Faculty exchange to upgrade with emerging technologies • Student exchange to promote the Team Work, Internships Projects • Sharing of Research Facilities • Inviting the Industry People to the Institute • To promote the on-job training
Admission of Students	• In the process of ensuring the services like communication Skills/Soft Skills/Technical Skills, the institute is having the connectivity/collaboration with other industries and institutions at National and international importance. Because of the connectivity the students admission rate has been improved significantly as comparative with the previous year is 88

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

E-governace area	Details
Planning and Development	Partially implemented
Administration	Partially implemented
Finance and Accounts	Yes
Student Admission and Support	Yes
Examination	Yes

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	K.Nagarjuna	Innovations in Engineering Management -2019	NA	5800
2019	Meenu K Bhushan	Regional Literature in English Translations: Global Perspectives, Trends In English Language Teaching for Engineering Graduates	NA	5355
2019	Dr.B.Prasad	International Conference on Transformations in Engineering Education	NA	12750
2019	Prof.S.Kamaluddin	International Conference on Transformations in Engineering Education	NA	7255
2019	Veeramanickam M.R.M	IEEE IUCEE APSSDC Sponsored Program	NA	7241
2019	D.Ganesh	Regional Literature IN English Translations: Global Perspectives	NA	2840
2019	Ch.Viswanadha Sarma	NA	1STE	3540
2019	P.Aleemulla Khan	NA	IEI	4189
2019	R.UmaMaheswari	NA	IETE	7080
2019	DR.B.Arundhati	NA	FIE,IEEE	15897
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for

teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Participated in A National Level Five Day FDP on "OBE-NBA Process" organized by Internal Quality Assurance Cell (IQAC)	NA	15/05/2020	19/05/2020	1	0
2020	"Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation" organised by Sinhgad Institute of Technology and Science, Narhe,Pune	NA	14/05/2020	14/05/2020	1	0
2020	Faculty awareness program on OBE and NBA accreditation	NA	09/05/2020	09/05/2020	1	0
2020	FDP on NBA	NA	10/05/2020	10/05/2020	1	0
2020	How to Get Published In Scientific Journal : From Research to Publica	NA	27/04/2020	27/04/2020	1	0

Year						
2020	Philosophy for Happy Life	NA	12/06/2020	16/06/2020	1	0
2020	NA	Training on Editing and rendering of E-content	20/08/2020	31/08/2020	0	40
2020	NA	Training on Photoshop	20/08/2020	31/08/2020	0	40
2020	NA	Two Skill up gradation Training for Non teaching staff	20/08/2020	31/08/2020	0	40
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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
One week online faculty development program on R	15	05/05/2020	09/05/2020	5
Advanced manufacturing enterprise in Digital Era	15	01/06/2020	05/06/2020	5
Online AICTE MARGDARSHAN FDP on Art of writing papers and research methodologies	100	07/05/2020	13/05/2020	7
Program on Pedagogy skills – I	34	01/06/2019	08/06/2019	8
Program on Pedagogy skills – II	29	20/11/2019	26/11/2019	7
(ATAL) Academy Online FDP on Data Sciences	1	04/05/2020	08/05/2020	5

APSSDC Faculty Improvement Program on Machine Learning	1	03/09/2019	15/09/2019	13
Problem solving and programming in python	2	04/11/2019	09/11/2019	6
Faculty Development Program on Artificial Intelligence	4	22/05/2020	26/05/2020	5
APSSDC Faculty Improvement Program on IOT	2	15/06/2020	27/06/2020	13

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
39	39	6	6

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medical insurance, Fee concession for children, subsidized transport, Refreshment	Medical insurance, Fee concession for children, subsidized transport, Refreshment	Insurance, Mean Merit Scholarships

6.4 – Financial Management and Resource Mobilization

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

There are two types of Internal Finance Audit: 1. Internal Audit by group auditors by of LES (Lavu Educational Society, Guntur): Kanniganti Associates, Guntur: Sri. K. Ranga Rao Dr. P. Chandu Sri. B. Raju Sri. Ismail Basha The above audit team conduct enumeration audit once in a month. They supposed to verify all the transactions both inflow and outflow. Finance Committee was formally constituted and met for the first time as per the recommendation of the Governing Body. Finance Committee of the institution shall be the key body which will monitor and manage the financial sustainability if the institution. Finance committee is an advisory body to the Governing Body and reports / recommends from time to time regarding the matters related to budget estimates, income from fees etc. The term of the members of the finance committee will be for two years and shall be reconstituted by the Principal.

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	NA

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	Academicians	Yes	Dean-Academics
Administrative	Yes	External Experts (UGC)	Yes	Dean-Administration

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

- Effective Career Counseling • Attendance improvement • Skill upgradation • Social responsibility • Performance and improvement of the students(scholastic and non-scholastic)

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

- Two Skill up gradation Training for Non teaching staff • Training on Photoshop • Training on Editing and rendering of E- content

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

- Participating in Ranking • Creation platform for Online examinations • Skill Upgradation • Examination and Evaluation Reforms

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	UGC Peer visit	09/09/2019	09/09/2019	09/09/2019	26
2019	NIRF Ranking	26/11/2019	26/11/2019	30/11/2019	27
2020	NBA Accreditation	02/01/2020	02/01/2020	10/01/2020	150
2019	Automation of Day to day activities	07/08/2019	07/08/2019	11/08/2019	13
2019	Attainment levels for NAAC	02/07/2019	02/07/2019	14/07/2019	150
2019	Guidance	02/12/2019	02/12/2019	05/12/2019	30

to other institutions – Paramarsh				

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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
WEC Cricket Tournament	06/03/2020	08/03/2020	49	6
Role of Youth in Nations Progress	09/03/2020	10/03/2020	291	359
Justice for Disha on Womens Safety & Security	03/12/2019	05/12/2019	500	525
Saarang Event	30/11/2019	01/12/2019	125	133
Born to Conquere – Guest Lecture	25/06/2019	26/06/2019	410	276
Guest Lecture on Role of Students in Nation Building	08/07/2019	09/07/2019	610	415
Justice for Disha TV5 Event	04/12/2019	04/12/2019	1010	1005

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
25

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	2
Rest Rooms	Yes	0
Scribes for examination	Yes	6
Special skill development for differently abled students	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	25/06/2019	1	Guest Lecture on "Born to Conquer"	Knowledge sharing	1000
2019	1	1	27/07/2019	1	Plantation and blood donation camps	Societal	400
2019	1	1	08/12/2019	1	Japan JST Sakura Science Program	Knowledge sharing	5
2019	1	1	15/08/2019	1	Independence day celebrations	Independence day	1000
2019	1	1	21/08/2019	1	Special Yoga Session	Fitness	200
2019	1	1	24/08/2019	1	Srikrishna Janmastami Celebrations	Cultural	3000

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Code of Conduct – Professional Behavior	05/06/2019	The code of conduct for students, faculty and staff has been circulated and disseminated with the web site to all the stake holders.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Relevance of Principles of Mahatma Gandhi for Today's World	10/04/2019	08/06/2019	400

Special Session on Mind Power and Meditation	11/06/2019	24/06/2019	520

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

- Waste Management including e-Waste • Plantation and Green Campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Innovations introduced during this academic year which have created a positive impact on the Functioning of the institution. Give details. In its quest for excellence, the institution seeks continuous innovation for quality assurance in academic programs administration. Some of the mechanisms adopted are: 1. Development of e content for all the courses using smart boards. 2. Special Program of hundred hours to build confidence and communication through Cambridge English language program 3. Coding contests 4. Add on modular courses from second year second semester onwards 5. Activities based on heritage and culture

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

http://www.vignaniit.edu.in/Best%20Practices.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

Life skill training programs 1) Engineering Exploration and Research 2) 100 ICT facilitated class rooms 3) Honoring the parents 4) Adaptation of villages

Provide the weblink of the institution

http://www.vignaniit.edu.in/Institutional%20Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

- National level Ranking • Collaboration with Industry and incubation centres • Research facilities to produce qualitative research outcomes and Recruitment of more number of Ph.D holders • Initiatives to improve Skill in their respective area of study