Yearly Status Report - 2017-2018

Part A	
Data of the Institution	
1. Name of the Institution	**Vignan's Institute of Information Technology (A)**
Name of the head of the Institution	**Dr. C. Narasimham**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08912755333**
Mobile no.	**9866399921**
Registered Email	**vignaniit@yahoo.com**
Alternate Email	**dean_iqac@vignaniit.edu.in**
Address	**Besides VSEZ , Duvvada,Vadlapudi Post , Gajuwaka**
City/Town	**Visakhapatnam**
State/UT	**Andhra Pradesh**
Pincode	**530049**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	**28-Feb-2017**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**Self financed**
Name of the IQAC co-ordinator/Director	**Dr. K.Venkata Rao**
Phone no/Alternate Phone no.	**08912755444**
Mobile no.	**9866386587**
Registered Email	**dean_iqac@vignaniit.edu.in**
Alternate Email	**vignaniit@yahoo.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://vignaniit.edu.in/AQAR%2016-17.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://vignaniit.edu.in/Academic%20Calendars_2017-18.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

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		
Annual Academic Audit	09-Oct-2017 8	3217

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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
Dr.E.Laxmi Lydia, Processor	SERB	DST	2018 3	1947110
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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?	**No**

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

• The institute was accredited by NAAC in the year 2017 and since then the institute has religiously undertaken quality management processes to ensure consistent quality of services offered at various levels. • FOUR UG Programmes (ECE,CSE,IT, and EEE) successfully completed NBA accreditation process and Valid upto next three years. • Successfully completed UGC autonomous inspection and now the institute is being recognised with UGC autonomous status for next FIVE years. • All the above systems, processes are certified for ISO compliance and the institute has the unique recognition of being the only educational institution to have a combination of ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007 which speaks volumes of its emphasis on and implementation of quality measures. • Maintenance system of the campus – IQAC has established a maintenance and monitoring system for ambiance, neatness, hygiene on campus. The system is well developed and any complaints on maintenance is attended within 48 hours and

reported back.

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
Conduct at least 4 programs for career development of students	6 career development programs were organised during the year and around 300 students were benefited.
To conduct a minimum of 3 technical programs for knowledge improvement of faculty	4 varied programs were organised during the year for knowledge enhancement and around 50 faculty members were benefited.
Conduct inter-college sports meet	One each national level and university zonal level inter-college sports tournament were conducted. 22 colleges participated in the meets.
Conduct programs for improvement in Teaching and learning skills for the faculty.	Two programs were conducted during the year for improvement Teaching quality and more than 35 faculty members were benefited
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	**05-Jun-2017**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**16-Oct-2017**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2018**
Date of Submission	**27-Feb-2018**
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)	CIS Software: A Central Information System (CIS) is VIGNAN'S tailor made system software for creating and managing institute databases. CIS is a computer software application that interacts with the user, other applications, and the database itself to capture and analyze data. CIS is perhaps most useful for providing a centralized view of data that can be accessed by multiple users, from multiple locations, in a controlled manner. The CIS provides various central services to all the stakeholders of the institute like, students, parents, staff, administrators, and management etc., Objective of the CIS: An information system (IS) is an organized system for the collection, organization, storage and communication of information. More specifically, the main aim of this system is to provide centralized data through complementary networks that people and organizations use to collect, filter, and process, create and distribute data. CIS is comprises with a group of components that interact to produce information. CIS system aims to support operations, management and decisionmaking at various levels of institute operations. The following are the main objectives of CIS: ? To provide faster and accurate information to all stakeholders ? To organize the decentralized data into centralized data ? To imparts transparent data to the users ? To connect all the stakeholders into one platform ? To provide centralized data through complementary networks Key Features of CIS: Quick View of Student Profile: CIS system provides the complete profile of a student which includes personal information, past and present academic track, attendance status and also supply the fee particulars. Employee Portal Facility: In this employee portal, CIS creates one separate page to all staff of the institute. The portal safeguards the personal and professional information of an employee. This portal provides complete information of an employee like, personal data, research data, and achievements, financial. It is also

provides professional information of an employee including his/her attendance, workload/ performance appraisal. This portal also helps to administrators for quick decision making in various levels of process like, employee joining/relieving, leave status, research profile, and employee performance appraisal. Exam Cell Portal: CIS bring a unique feature that provides quick results to the student along with deep analysis of it. It is also very much useful to all the stake holders to analyze the performance of a student as well as faculty. Finance Portal: CIS is also serves students, parents and administrators by providing accurate fee/financial particulars. This is highly useful to administrations to know the financial status to know the liquidity status and it is also useful for preparation budget report. Reports Corner: This is highly useful to administrators and management to analyze the student and staff performance. This portal provides a quick snap shot of summarized data of all the operations like, employee reports, employee profile data, students attendance reports, students performance report and many more financial reports etc., Placement Corner: this portal articulates the accurate student data base to analyze the student's performance and their details of academic credentials.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	01	Civil Engineering	03/06/2017
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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	09/01/2011	English-I(1000171101)	03/06/2017
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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	B.Tech-Civil Engineering	03/06/2017
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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	03/06/2017
BTech	Electrical and Electronics Engineering	08/06/2017
BTech	Mechanical Enginnering	27/05/2017
BTech	Electronics and Communication Engineering	30/05/2017
BTech	Computer Science and Engineering	20/05/2017
BTech	Information Technolog2019y	20/05/2017
BTech	Electronics and Computer Engineering	01/06/2017
Mtech	Machine Design	27/05/2017
Mtech	Software Engineering	20/05/2017
Mtech	Digital Electronics and Communication Systems	30/05/2017
Mtech	Information Technology	20/05/2017
Mtech	Power and Industrial Drives	08/07/2017
Mtech	Computer Science and Engineering	20/05/2017
Mtech	Electronics and Communication Engineering	30/05/2017
MBA	Master of Business Administration	26/05/2017
MCA	Master of Computer Application	20/05/2017

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
3D PRINTING USING GEOMETRY DIMENSIONING AND TOLERANCES	13/06/2017	120
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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	192
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
The institute is strongly believe that the ultimate aim of stakeholders feedback is to get useful insights for the purpose of improvement the overall development of the institute including Curriculum development, improvement of teaching learning process etc. The institute follows a structured mechanism for collection of feedback from its various stakeholders (students, alumni, employers and faculty) on draft curriculum. The feedback is shared with the Curriculum Design and Monitoring Committee (CDMC) and points are discussed and presented to Board of Studies (BoS). The approved curriculum is then ratified by Academic council. Students – Anonymous feedback is collected through online and offline once in every semester on the relevance of different topics, difficulty level of topics and scope for further enrichment of the programme, sufficiency of time for conduct of regular and enriched programmes etc. The main aim of the student input in enhancing the quality of the teaching-learning environment cannot be overstated. During the academic year 2017-18, the institute solicited comments from students of many disciplines. Their recommendations are analysed and presented to the Academic Council for debate and possible implementation into the curriculum. Faculty Members – Formally, it is taken once every semester and informally, the feedback is collected during the HoDs meet. It is also done during the BoS meetings with respect to the weightage allotted for different concepts, linkage between theory and lab, difficulty faced in incorporating enrichment programmes into the regular curriculum, etc., Employers – The performance of graduates, their knowledge and skill gaps and suggestions made for rectification are taken at the time of the employer's visit during interviews, guest lectures, seminars and workshops. Formal feedback is also sought from the industry through online mechanism. Alumni – Feedback is taken at annual alumni meetings about their performance and the gaps identified. VIIT assists in bringing the alumni community together on a shared platform to create another channel of personal and professional support for members through 'self-help within the community. Through events, guest lectures, reunions, and networking opportunities, the VIIT attempts to keep Alumni engaged to the institution. Parents – Formal feedback is taken from the parents during the parents meetings once every semester regarding student progression and the sufficiency of the current curriculum. Based on the feedback collected periodically, the institute contributes to the institute towards affecting changes like syllabus revision, Curriculum Enrichment, Introduction of new courses into the institute curriculum etc. Internal Quality Assurance Cell (IQAC) provides a crucial and significant commitment to

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	12	12
Mtech	Software Engineering	18	0	0
Mtech	Digital Electronics and Communication Systems	18	4	4
BTech	Civil Engineering	180	225	188
BTech	Electrical and Electronics Engineering	180	266	220
BTech	Mechanical Engineering	240	357	287
BTech	Electronics and Communication Engineering	180	404	197
BTech	Computer Science and Engineering	240	745	245
BTech	Information Technology	60	143	57
BTech	Electronics and Computer Engineering	60	59	51
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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
2017	4666	368	253	14	12

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
279	279	84	84	5	9

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)

Having a rich experience in the field of education, the Institute believes that effective mentoring is one of the key components in teaching and learning process and a key strength of the institute. This has helped in the smooth functioning without any untoward incidents that could hamper the progress of both the students as well as the institute. Mentoring has played a crucial role in attaining consistent academic records with a good number of placements. It has further enabled a nurturing environment that helps in developing a positive mindset of the students. Process of Mentoring • Each faculty is allotted a batch of 15-20 mentees. • At the very outset, student information is collected in the given format developed after careful deliberation and planning. • Regular interaction between the mentors and mentees is stressed upon to identify ? any behavioral/ disciplinary issues ? health and general well-being ? academic/ co-curricular/ extra-curricular performance ? family background ? personal aptitude • After thorough understanding of the above parameters of the mentees, the mentors follow various approaches to guide and motivate the mentees. Following are the approaches followed by the mentors • Mentees who are good at academics and other co-curricular activities are encouraged to participate in various events like hackathons, online coding contests, and online certification programs etc. In addition to that, mentees are involved in developing innovative projects that are helpful for the society. • Career Guidance and Professional grooming sessions are conducted at regular intervals. • Mentees who are weak at academics are provided academic guidance through remedial classes, backlog classes, quick reference materials, basic techniques and tips for learning at a good pace. • Mentees facing any other kinds of issues are closely monitored with frequent interactions to ensure a comfortable environment enabling the student to share and discuss their problems. Necessary steps are then taken to resolve the issues with the help of department and management. • Mentors work closely with mentees and their parents to understand the issues affecting the mentees. Help of the senior faculty is taken if necessary.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5034	279	1:18

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
279	279	0	23	74

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
2017	Mr .A. Sampath Dakshina Murthy	Assistant Professor	Assistant Editor
2018	Dr. B.SATEESH	Professor	Best Researcher Award
2018	Mr .A. Sampath Dakshina Murthy	Assistant Professor	Srinivasa Ramanujan Life time Achievement

2018	Dr. Rudra Pratap Das	Professor	Srinivasa Ramanujan Life time Achievement

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	01	1/1	30/12/2017	10/01/2018
BTech	02	1/1	30/12/2017	10/01/2018
BTech	03	1/1	30/12/2017	10/01/2018
BTech	04	1/1	30/12/2017	10/01/2018
BTech	05	1/1	30/12/2017	10/01/2018
BTech	12	1/1	30/12/2017	10/01/2018
BTech	19	1/1	30/12/2017	10/01/2018
MBA	1E-00	1/1	05/01/2018	12/01/2018
MCA	1F-00	1/1	03/01/2018	12/01/2018
Mtech	15	1/1	24/02/2018	05/03/2018

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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
20	4899	0.41

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://www.vignaniit.edu.in/btech_pos.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
01	BTech	Civil Engineering	187	169	90.37

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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://vignaniit.edu.in/Exit%20Feed%20Back.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.P.Sekhar
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr Rudra Pratap Das	Srinivasa Ramanujan Life time Achievement	30/05/2018	IRDP Awards
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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-ECR	18.47	9.38
Major Projects	1095	DST-ECR	33.39	5.53
Major Projects	1095	SERB-EQ	40.61	30.2
Major Projects	1095	SERB-ECR	45.02	36.84
Major Projects	1095	SERB-ECR	30.96	13.28
Any Other (Specify)	2	AICTE	1.5	1.5
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

39

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
Google Android Developer Fundamental Phase-1	COMPUTER SCIENCE ENGINEERING	28/08/2017
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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
APELECTROTHON	R Karthik	APITA	14/03/2018	State Level
WISE	Ch Apoorva	Microsoft	21/11/2017	Regional Level
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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
0	0	0	0	0	Nill
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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
Basic Sciences and Humanities	4
Mechanical Engineering	2
Electronics Communication Engineering	1
Electronics And Computer Engineering	1
Master of Business Administration	1

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	EEE	52	1.4
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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
ELECTRICAL AND ELECTRONICS ENGINEERING	25
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
APPARATUS AND METHOD FOR DETECTING LESION IN BRAIN MAGNETIC RESONANCE IMAGE, AND	Published	US 2017/0143207	25/05/2017

COMPUTERREADABLE RECORDING MEDIUM FOR IMPLEMENTING THE METHOD				

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
Enhanced Exponential Reaching Law SMC for Analyzing PQ Issues in a Distribution System Using Transformer-less Hybrid Series Active Power Filter	Naguboina V.K., Kumar Gudey S.	INDICON 2018 – 15th IEEE India Council International Conference	2018	0	Yes	0

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
Garlic Expert Advisory System using Parallel ABC Algorithm	Bhattacharyya, Debnath	International journal of disaster recovery and business continuity	2018	11	0	Vignans Institute of Information Technology (A)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	28	137	18	15

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr. Chintapalli V S N Reddi MECH	Vibration study on HCV Engine cylinder head and bracket	TATA Motors, assigned by JAYEM AUTO, Coimbatore	210000

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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	0	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
World Environmental Day – A Plantation Program in and around the Campus	Vignan NSS Visakhapatnam	5	92

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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
NSS Youth Festival	Certificate of Merit	NSS	1

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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
Awareness Program	Vignan NSS Visakhapatnam	World Environmental Day – A Plantation Program in and around the Campus	5	92

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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
Training Program for Campus recruitment	268	Vignan Institute of Information Technology	7
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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
on-the-job training	Training of students	CCC Digital India Pvt. Ltd.,Hyderabad	02/10/2017	01/10/2019	268
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Tie Grad, Hyderabad	01/04/2018	Guest lectures, workshops, and assist enterpreneurs and startups	0
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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
700	626.65

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Others	Newly Added
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
OPAC -Integrated Library Management System	Fully	OPAC V 0.1	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	30887	18532200	966	472966	31853	19005166
Reference Books	5905	3543000	60	36000	5965	3579000
e-Books	380	198018	380	233320	760	431338
Journals	71	213000	71	213000	142	426000
e-Journals	5466	1843460	5466	1645442	10932	3488902
Digital Database	Nill	Nill	922	26500	922	26500
CD & Video	1680	Nill	1680	Nill	3360	Nill
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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 E laxmi Lydia	LMS	Canvas	05/01/2017
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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	1148	770	1148	70	70	20	201	100	17
Added	150	135	150	0	0	5	10	0	0

Total	1298	905	1298	70	70	25	211	100	17

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

100 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
nil	Nill

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
283.63	285	300	343.02

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)

The Institute has an established system for maintaining and utilizing the physical, academic and support facilities on campus. Preventive maintenance measures are taken. The department of IQAC leads the system and ensures that the campus is well-maintained in all aspects. The IQAC team inspects the campus and sends a Daily Quality Check Report to the Management and circulates amongst faculty. The report includes: ? Attendance of staff and students ? Paper publications and citations ? Class quality review report of Rector and Principal ? Administrative decisions made ? Report on new joined faculty and resigned faculty ? Report on slow learner classes ? Power consumption ? Maintenance issues raised and status ? Recommendations for improvement This report facilitated to understand the overall health of the campus and needful measures were taken for rectifying the problems. A feedback mechanism is in place to inform the maintenance problems to the people concerned. Dean administration assigns these concerns to the campus manager who attends these problems and solved within three days. he physical facilities such as sanitary works, civil works and electrical works are maintained in-house consisting of the manager and his team of plumbers, and electricians. Day-to-day maintenance includes daily running repairs, like replacing light bulbs, repairing water leakages - leaking water pipes, taps, valves, and cisterns, cleaning blocked drains, and repairing locks and door handles. Other minor repairs that are necessitated are taken care of by the Campus Manager and his team members. A team comprising of competent professionals under the Systems in charge takes care of systems and maintains the IT infrastructure of the campus. The damaged ones are processed for e-waste. General maintenance including cleanliness of the buildings, classrooms, labs, libraries, furniture, campus ground, sports facilities, staff lounge, student's amenity areas, cafeteria, and hostel buildings supervised by campus manager and his team consisting of floor in-charges and their teams. The transport fleet is monitored and maintained by the Transport Manager and his support staff. All the vehicles are preventively maintained to avoid the breakdowns. The Lab In charges with the help of Lab technicians take care of both Electrical and instrument maintenance. The respective faculty members, staff, lab assistants, and other service personnel are responsible for maintaining the equipment under their purview. Standard operating procedures for all high-end equipment are made available to the users. The condemned/obsolete items are discarded by procedure after getting

the report of the maintenance department, and the same is entered into the stock. The sports equipment, fitness equipment, and various playgrounds on the campus are supervised and maintained by the Physical Directors and Faculty members of the Physical Education Department. They are supported by campus manager. An exclusive team of groundskeepers work under head of physical education. Plantation and landscaping, lawn maintenance, time to time trimming of the plants is outsourced. Outcomes: ? Clean and green environment ? Higher satisfaction of faculty and students ? Conducive environment for learning ? 90 of resources are always under utilization

http://complaint.vignaniit.com/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fee Reimbursement	2614	103228100
Financial Support from Other Sources			
a) National	PM SCHOLARSHIP	2	45000
b)International	Nill	Nill	Nill
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 implemetation	Number of students enrolled	Agencies involved
A TRAINING SESSION ON PROBLEM SOLVING METHODS PROBLEM SOLVING USING C / PYTHON LANGUAGE	02/06/2017	1128	MISSION IGNITE HYDERABAD
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 passedin the comp. exam	Number of studentsp placed
2017	CRT PROGRAM ON NON -TECHNICAL SKILL SET AND TECHNIAL SKILL SET	Nill	1141	Nill	1068
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
13	13	4

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
Aliens Developers	145	29	Accenture	0	0

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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2017	1	B.Tech	Computer Science Engi neeringElect ronics Engineering	Jawaharlal Nehru Techno logical University , Kakinada, Andhra Pradesh	M.Tech

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
GATE	15
Any Other	10

No file uploaded.

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

Activity	Level	Number of Participants
JNTUK Central Zone Cricket and Chess	State	150

View File

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Gold	National	1	Nill		R.Arun

| Medal | | | | 17L31A03W8 | Kumar |

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

The Students Activity Council (SAC) in VIIT is a selected representative structure for the students and an umbrella for all the Clubs and Committees in the campus to functioning at each juncture. Apart from being the bond between the students and the management, the Student Activities Council is responsible for the brand enhancement of the campus and will constantly strive towards building the student comfortable and enriching experience. SAC not only conducts the various activities on campus, but is a key governing body of the Institute, who are involved in all Academic and Non-academic aspects of the Institute both on and off the campus. The SAC is a mediate council through which the students can put forward their opinions and concerns. The SAC continuously identifies the student- related issues through feedback sessions formally and informally way and resolve them under the guidance of the Dean Student Affairs. This practice creates a happy environment in the institute. SAC assist the Institute in planning and organizing various student-oriented activities. The SAC is an active role in all the Co-curricular and Extracurricular activities in the both on and off campus. The members of the SAC can voice their ideas and concerns to the council serving as a moderator. No doubt, the classroom teaching is utmost important in VIIT. Yet, Aesthetic development, Character enrichment, Physical growth and Spiritual needs are equally relevant. The Student Activity Council focuses on both the Co-curricular and extracurricular activities which plays a vital role in shaping the students as good citizen in the society. Functions: ? Conducting student events and fests on campus that includes planning of the event, budgeting for the event, gathering sponsorship for the event, selecting and inviting prominent guests for the event, and ensure smooth success of the event. ? Nominates the members in various administrative committees like Board of Studies (BoS), Academic Council (AC), Governing Body (GB), Sports, Library, Hostel, Canteen, Cultural, Discipline, Transport, Publicity, Magazine, Finance, Press and Media Clubs. ? Collects time to time feedback reports on various tasks with the concerned authorities to enhance the quality of the Institute in all the ways. ? Identifies the students with Socio-economical issues and give needful support from the Institute and Student Community. ? Conducts extension activities with the assist NSS unit at close regions by addressing social concerns. ? Monitor discipline on campus and supports the discipline committee ? Identifies the well reputed Companies and invite them for conducting Campus Placement and Internships. ? Plans the programs that nurture the aptitude and attitude of the student community for their holistic development. ? Raises funds from internal and external places, whenever needy to fulfil any social responsibility. Out Comes: ? Significant improvement in the Leadership qualities. ? Major improvement in the Self-confidence, Team spirit and Managerial skills. ? Proves that the improvement of liability and active participation among the students. ? Huge significant in Communication skills and Language skills usage of the students with positive energy in an around the campus.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

A significant networking platform between graduates and the Institute is created by the Vignans Institute of Information Technology Alumni Association, which has the registered number 150/2008. It helps to ensure the Institutes

forward-thinking students and directs them on the best course for achieving their objectives. The majority of the alumina are part of the group, and these prosperous alumni support our Institute financially and in other ways. The Dean of Student Affairs is in charge of maintaining the alumni association and actively participates in all stages of development activities for the institutions benefit as well as that of the current students, professors, and staff. A faculty coordinator oversees the alumni activities at the departmental level in each department. The graduates of our Institute continue to support the current students by engaging with them through guest lectures, seminars, charitable giving, organising industry partnerships, and supporting internships and job placements. Contribution of the Alumni Association ? The Alumni students are involved in various Institution level committees to share their feedback for the improvement of curriculum design procedure and its improvement. ? The alumni is also facilitates in designing real time problems of the industry, which have been developing as mini projects by existing students. This practice not only facilitates the students to groom them towards their analytical thinking process and also it bridges the gap between the Industry and Institution. ? The alumni educate the existing students on the emerging trends of the Industrial guest lectures and seminars, which facilitates the students to keep themselves ahead of the regular student community. ? The alumni team up with the current students in various occasions to mentor them and address through online and offline on any either academic or non-academic concerns. This practice improves their self-esteem and confidence to perform better in their academics and other activities. ? The alumni, who are working in different Industries, make association between with their respective HRs and Placement Officers of the Institute to facilitate in welcoming the firm for Campus Placements. ? The alumni help the students to identify and get the industry experience in relevance to their courses and curriculum during the course. ? The alumni of our Institute educate existing students about the Industrial requirement that help them understand the significance of curriculum and stay motivated to complete their courses with best grades. Out Comes: ? The Institute established an Open Gym worth Five Lakhs Rupees, Two Lakhs contributed by Alumni Association of the Institute. ? The Institute established a Computer Lab worth 13 Laksh Rupees Two Lakhs contributed by Alumni Association of the Institute. ? VIIT students have successfully been able to hire in their first Job interviews. ? One percent of our students have turned out to be successful entrepreneurs.

5.4.2 – No. of registered Alumni:

112

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

1092000

5.4.4 – Meetings/activities organized by Alumni Association :

S.No. Date Name of the meet/meeting No. of alumni attended Organized By 1 07-01-2018 Alumni interaction 50 CIVIL, VIIT 2 07-01-2018 Alumni interaction 37 CSE, VIIT 3 18-07-2017 A Guest Lecture on Software Engineering 39 ECM VIIT 4 19-09-2017 A Guest Lecture on LICA 46 ECM VIIT 5 22-02-2018 A Guest Lecture on Game Designing using Build-Box 17 ECM VIIT 6 07-01-2018 Alumni interaction 47 MBA VIIT 7 09-04-2017 Alumni interaction 140 ME VIIT

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 effective leadership of our Institute is evident from the successful services rendered over the past two decades, and accredited to be one of the preferred institutions in the region. We adopted a decentralized methodology of executing the initiatives through well-structured organizational hierarchy, headed by the principal, and managed by various committees, which resulted in tremendous success in academics and non-academics. The delegation of authority is done at various levels: Principal is entrusted the authority to set out action plans to implement the objectives and goals set out by the top management. Deans are provided the authority to strategize, plan, implement and monitor various activities/aspects related to their deanship. The Head of the departments have significant authority in terms of planning, implementing and monitoring the department activities. Faculty members are at liberty to formulate plans for supporting slow learners, preparing required teaching-learning material etc Participative Management: Participative Management has been a key attribute in all our day-to-day activities. Our faculty is part of the academic and non-academic committees, whose feedback is sought through the committee, and brought into action for the improvement in the governance of our Institute. The institute promotes a culture of participative management. The various levels at which participative management is implemented are as follows: • Faculty - 2 senior faculty members are nominated to Governing body • Academia, Industry - Experts are represented in academic council Alumni members, industry - Experts are represented in the BoS Students - Included as members of various committees such as IQAC Parents and local society - Represented in IQAC • Academic leadership: Academic leadership is provided to faculty members at every level with the Principal being assisted by the Deans who are in turn assisted by HoDs. They are assisted by the other faculty members as coordinators of various academic committees. Each of these roles is given full freedom to lead their respective domains regarding the introduction of innovative teaching-learning methodologies, innovative practices and evaluation techniques. We have constituted three apex bodies, supported by eighteen committees comprising of faculty and students, with clearly defined functions of each committee, that have helped in democratic functioning of the institution. The three Apex Bodies, with the Principal as Chairperson are: ? Governing Body (GB) ? Academic Council (AC) ? Finance Committee (FC) ? 50 of external members in apex bodies are selected from industry and academic organizations ? These apex bodies meet twice a year, to discuss on the progress of the Institute, in respective areas Weekly Review Meetings: Weekly review meetings with HoDs and Deans are held every Thursday, chaired by the principal, to deliberate on planning of major activities and resolving of issues, which include: ? 100 communication and dissemination of latest information to all students and staff ? Coverage of syllabus and attendance status of students, as required ? Status of regular/special class work and other academic activities ? Progress of research activities ? Status and plan of training and placement activities ? Status of Co-curricular Extra-Curricular activities

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
Teaching and Learning	• Create an environment for the professional development of the faculty through Orientation classes, Faculty development programmes, encouraging to participate in workshops, seminars,

	conferences to upkeep the their skill set. • All faculty members are allocated subject three months before the beginning of the semester and job induction program for new faculty. • Implementing innovative teaching learning pedagogical skills in teaching learning process. • Giving opportunity to develop the curriculum Enriching curriculum by value added courses and Add-On modules and also emphasis on ICT methods • Emphasis on Counseling and conduct of remedial classes
Examination and Evaluation	Examination process Streamlined in line with JNTU (K) guidelines Senior faculty members are deployed as observers for every internal and external examination to ensure of smooth conduct of examinations. Adoption of a well defined and transparent system for deputation of faculty members as observers and external examiners. Approval for collection and spot centre obtained from JNTU (K) and made functional. Faculty members are kept up-to-date with University question papers and on the marks obtained by the students during University online tests. Unit wise Question Banks developed for all subjects. Common Question Paper for common subjects across branches implemented
Research and Development	• The students and faculty must together work in our research labs to enhance their experiential learning. • Faculty with high quality research must be incentivized. The promotion policy and service rules are transparent for the benefit of faculties. • Faculty are encouraged to publish papers in reputed journals, with high impact factor, and also encourage student publications, and keep themselves upgraded to the advanced trends in the society. • Seed money and allocation of budget for in-house R D Orientation programs for faculty to write research paper and projects • Incentives and rewards for publications/ research
Curriculum Development	The curriculum is developed based upon the stakeholders feedback like, students, faculty, Alumni, Employers etc.The BoS of every department gathers feedback on the existing curriculum from all stake holders. The feedback received is analysed, and the

		curriculum is modified for the upliftment of students. The draft curricula are approved by the Academic Council, and then updated to the Governing Body. Every For the first year the curriculum is framed by the institution as per the guidelines of UGC autonomous, as the students are admitted under autonomous stream(VR-17). For the second, third and final years the syllabus prescribed by JNTU Kakinada is adopted.
	Library, ICT and Physical Infrastructure / Instrumentation	ICT enabled teaching methods (100 of the class rooms are ICT enabled). Access to virtual classroom technologies such as A-view and Co-learning platforms such as ?Talk to a Teacher? (http://video.colearn.in/cov). The Institute subscribes online journals/book resources such as IEEE/IET library on line, DELNET, Springer Link (ASCE,ASME, EBSCO and Open J-Gate). The latest information and technologies are made available to the faculty through the different journals more than 1,000 journals being available. A digital library consisting of 30 high end computers where researchers can access the journals and work on key tools such as MATLAB, CATIA, Hyper works, etc., for simulation and design/analysis components of their research. A quick summary of the access provided to research journals is as follows: IEEE (169), Springer (149), Elsevier (275), DELNET (2462), McGraw- Hill (380), ASCE (35), ASME (35), JGATE (4369), Magazines (92),National/International Print Journals (79) i) The space available per student is 12.40 Sq.m which is 24 more than the one prescribed by AICTE norms. ii) Average area of each class room is 120 Sq.m as against 66 Sq.m stipulated by AICTE. iii) The average area for circulation is maintained at 30 – 35 of area, to facilitate free movement and informal discussions among students and faculty.
	Human Resource Management	The institute has a defined human resource management policy which clearly outlines the HR processes related to recruitment, career progression, employee satisfaction and retention. • Recruitment Policy: A three-tier system, that includes written test, technical round and HR

	round, is adopted to recruit the qualified candidates for faculty positions • Promotion Policy: Promotion policy is transparent amongst faculty members. Improve cadre ratio through career advancement scheme based on merit and experience of faculty members. Reward system for funded projects, consultancy and quality publications. • Career progression: Given that learning and development is a continuous process, the institute undertakes training and development of faculty members. • Retention of Faculty: The following measures are adopted for retention of faculty ESI, EPF, Group Health Insurance to all the staff etc.
Industry Interaction / Collaboration	• The institute created an eco-system which encourages the faculty and students to groom their innovative creative idea with the help of industry experts through entrepreneurship development cell. • Continuously organizing events by involving industry experts • Collaborated with the reputed industries for knowledge sharing and exchange of resources etc. • Long, short term student internships live problems as academic projects • MOUs and linkages with industry and deputing faculty for training Strategies: Regularly invite senior management from the industry for guest lectures, workshops and as guests for events Constantly communicate the academic and research achievements of the institute through e-mails, brochures and social media Keep the relationships warm through regular greetings, memorabilia for festivals, birth days and other happy occasions. Conduct events such as "Vignan's Corporate Cricket Tournament" for industries.
Admission of Students	Students are admitted on the basis of rules and regulations framed by the Govt. of A.P. under the state Govt. convenor quota (70 strength) through Engg., Medical Combined entrance test. (EAMCET). Under the Management quota (30 strength) eligibility of students is ascertained through an entrance examination and those students who qualify are provided with admission in the order of Merit. The merit of the admitted students could be improved with better EAMCET rank holders joining

the institute through offering of some scholarships or fee waivers for meritorious students. It is reflected in the increase in the number of meritorious students in the current year over and above the previous year besides increase in the number of students in unconventional streams like ECM, as well as improvement in PG intake.

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

E-governace area	Details
Student Admission and Support	Feedback Portal on Teaching Learning Practices (TLP): Student feedback has become a widely used method to evaluate and improve teaching effectiveness in VIIT. Students have a unique perspective of how their teachers educate. Obtaining student feedback allows the students to actively become more engaged and involved in the classroom. Student feedback can be collected cheaply and quickly, which gives teachers the opportunity to make any adjustments to their teaching as quickly as possible. Hence, VIIT practicing the process of feedback on TLP collected through separate software developed by the institute. Feedback on TLP is separate software developed by the institute which is used to monitor regular quality of teaching and learning practices. This s very much useful This is highly useful to determine the quality standards of teaching by the student satisfaction levels in various aspects like clarity in presentation of topics in the class, courteous and impartial to students , coverage of the syllabus as per lecture plan, discipline maintenance in the class, doubt clearance, faculty comes to class on time, faculty writes and draw legibly, motivates the students to study, subject knowledge of the faculty , faculty speaks clearly and audibly in English etc.
Examination	Examination Management System (EMS) Vignan's EMS is separte software that used in Examination cell to overseeing the examination operations. EMS provides to make examination works easier which is highly beneficial to educational institutions. Examination Management System (EMS) is a windows application tool and its deal with all

		examination activities. Key Features are EMS offline suite is server based Examination Management Software provides module wise accessibility for support multi user with different privilege to ensure high level of security. It is multi user and completely user friendly, generates different types of reports, developed using optimized designing and coding to maintain proper speed, proper and systematic training to end user and ultimately maintains efficient secure data management.
	Administration	Central Information System (CIS): What is CIS: A Central Information System (CIS) is VIGNAN'S tailor made system software for creating and managing institute databases. CIS is a computer software application that interacts with the user, other applications, and the database itself to capture and analyze data. CIS is perhaps most useful for providing a centralized view of data that can be accessed by multiple users, from multiple locations, in a controlled manner. The CIS provides various central services to all the stakeholders of the institute like, students, parents, staff, administrators, and management etc. Objective of the CIS: An information system (IS) is an organized system for the collection, organization, storage and communication of information. More specifically, the main aim of this system is to provide centralized data through complementary networks that people and organizations use to collect, filter, process, create and distribute data. CIS is comprises with a group of components that interact to produce information. CIS system aims to support operations, management and decision-making at various levels of institute operations. The following are the main objectives of CIS: ? To provide faster and accurate information to all stakeholders ? To organize the de-centralized data into centralized data ? To imparts transparent data to the users ? To connect all the stakeholders into one platform ? To provide centralized data through complementary networks Key Features of CIS: Quick View of Student Profile: CIS system provides the complete profile of

	a student which includes personal information, past and present academic track, attendance status and also supply the fee particulars. Employee Portal Facility: In this employee portal, CIS creates one separate page to all staff of the institute. The portal safeguards the personal and professional information of an employee. This portal provides complete information of an employee like, personal data, research data, and achievements, financial. It is also provides professional information of an employee including his/her attendance, workload/ performance appraisal. This portal also helps to administrators for quick decision making in various levels of process like, employee joining/relieving, leave status, research profile, and employee performance appraisal. Exam Cell Portal: CIS bring a unique feature that provides quick results to the student along with deep analysis of it. It is also very much useful to all the stake holders to analyze the performance of a student as well as faculty. Finance Portal: CIS is also serves students, parents and administrators by providing accurate fee/financial particulars. This is highly useful to administrations to know the financial status to know the liquidity status and it is also useful for preparation budget report. Reports Corner: This is highly useful to administrators and management to analyze the student and staff performance. This portal provides
Finance and Accounts	Accounting Finance: Finance Portal: Finance Portal is one of the features in Vignan CIS which serves students, parents and administrators by providing accurate fee/financial particulars. This is highly useful to administrations to know the financial status to know the liquidity status and it is also useful for preparation budget report. All the day to day financial operations regularly recorded in CIS-Finance portal and extracted the day-to-day financial reports like, Day scrolls, Day-wise collection reports, and day-wise payment reports etc. It is also helpful in reporting of financial information to all the administrators at various levels for their decision making.

Planning and Development	E-Governance: Governance helps in improving transparency, providing speedy information, dissemination, improving administrative efficiency and services in all the aspects of education system in VIIT. Marching towards its vision of being a center of excellence, VIIT is committed to implement e-governance in its administration to enable transparency, clarity indifferent functionalities by integrating the activities of the various sections such as teaching learning(Academics), Administration, Examinations, Finance and Accounting, Admissions and Student Services, which are currently having independent computerized databases and paper based documentation. Strategically implementing completely automated administrative work flow enhances productivity, effective data storage and faster retrieval of information at all levels as per hierarchical permissions. Comprehensive implementation of electronic mode of communication among all departments/sections of the institution viz., Academics, Administration, Finance Accounts, Admissions, Examinations, Library, Support services etc., will strengthen the internal Quality Assurance Cell (1QAC) and create a centralized data management system to support the Accreditations like NAAC, NBA, AICTE etc. Website is put into full operation as a vital information source to all the stakeholders and all important communications/circulars notices are made available in the website to ensure reaching of information to the needy any time anywhere. SMS feature has been put into maximum use to stay connected with parents, students and staff for the purpose of intimating absentees, academic performance, training programs, events schedules, examinations schedules, holidays information and other essential information. For convenience purposes, the policy is divided into various areas of operation. These areas of operation are illustrative and the institution reserves the right to implement e-governance even in the areas not enlisted herewith in this document. As part of e-governance

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
2017	Dr. Santhosh Kumari Ganga Bhavani	National Workshop On Integrating Technology In Esl Classroom	-	2000
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)
2017	One-Week Training-c um-Workshop on MSC Nastran, Patran and Adams"Sof tware	-	11/12/2017	15/12/2017	25	Nill
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
One Week FDP On Low Power Mos Circuit Design Testing	40	22/08/2017	26/08/2017	5
View File				

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

Teaching		Non-teaching	

Permanent	Full Time	Permanent	Full Time
312	312	214	214

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Following welfare schemes are currently in vogue for both teaching and non-teaching staff and students – Employees are covered under health policy with HDFC life insurance and ESI (100 of employees covered) Study leave for a maximum of 60 days is granted to the faculty pursuing part time Ph.D. (3 of faculty availed the benefit) Concession of up to 50 of tuition fee is allowed to the wards of employees for their education in Vignan group of institutions. Advances can be availed by faculty max up to 3 months salary. Faculty members are sponsored with full pay to Quality Improvement Program (QIP) to pursue their Ph.D. in premier institutions. (three percent of faculty availed the benefit) Subsidized transport facility is provided to all the staff. About 50 of staff are availing this facility Gifting a Greeting Card, 1 kg of sweet and dress material to the employees of institute on their Birth Days as a token of goodwill gesture. —(100 of employees availed the benefit) Marriage leaves to the extent of 15 days. All women employees are given maternity leave for a period of 90 days. Meritorious students are extended re-imbursement of tuition fees.	Following welfare schemes are currently in vogue for both teaching and non-teaching staff and students – Employees are covered under health policy with HDFC life insurance and ESI (100 of employees covered) Study leave for a maximum of 60 days is granted to the faculty pursuing part time Ph.D. (3 of faculty availed the benefit) Concession of up to 50 of tuition fee is allowed to the wards of employees for their education in Vignan group of institutions. Advances can be availed by faculty max up to 3 months salary. Faculty members are sponsored with full pay to Quality Improvement Program (QIP) to pursue their Ph.D. in premier institutions. (three percent of faculty availed the benefit) Subsidized transport facility is provided to all the staff. About 50 of staff are availing this facility Gifting a Greeting Card, 1 kg of sweet and dress material to the employees of institute on their Birth Days as a token of goodwill gesture. —(100 of employees availed the benefit) Marriage leaves to the extent of 15 days. All women employees are given maternity leave for a period of 90 days. Meritorious students are extended re-imbursement of tuition fees.	Meritorious students are extended re-imbursement of tuition fees.

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 dedicated Internal Audit Officer (IAO) who is entrusted with the job of conducting internal audits at regular intervals. Once in a month, internal audit is conducted by the committees appointed by the principal. These committees are headed by the IAO. After thorough verification, committees submit their reports to the principal for follow up action. In addition, the institute financial accounts are also audited by independent and qualified Chartered Accountants. Dean-Administration is responsible for addressing any issues/comments raised by the internal and external auditors.

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
SRI VEJETA GROUP BUULDERS DEVELOPERS	200000	DONATION FOR THE SUPPORT OF NSS-OUTREACH EXTENSION ACTIVITIES.
[View File](#)		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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	Nominated from external senior faculty from reputed institutions (AU and JNTUK)	Yes	DEAN-ACADEMIC
Administrative	Yes	KANNEGANTI AND ASSOCIATES, Guntur, Andhra Pradesh.	Yes	DEAN-IQAC

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

VIIT created a Parent-Teachers' committee, is an institute-based committee with a mission to make the institute a better place for children to learn. Parents of students work together with teachers to volunteer in activities, raise money for orphanages, and generally support the institutes efforts. It is a very active organization working in the College to provide a common forum for interaction of parents and teachers so as to improve facilities for academic excellence. It also provides special and essential services to the students and the staff. Activities support from Parent-Teacher committee during the last three years: Conducted Parent-teachers' meeting at least once in a semester and taken feedback from the Parents and teacher for improvement of infrastructure and overall development of the institute. The following are the major activities that are improved from the parents-Teachers feedback: 1. Parents are appreciated the management for providing Mineral water facility during the last meeting held on Dec 2016, same time they were advised to increase the number points across the department. It has been completed 2016-17 2. Parents-teachers committee suggested principal to increase the competitive books in the central

library. Now it has been increased to 500 volumes. 3. Parents are advised to provide additional cafeteria zone within campus. It has been built in the year 2016-17 4. Parents-teachers committee suggested install CC TV surveillance to all the class rooms and laboratories. It has been taken immediately and completed the installation in the premises of VIIT including Hostel, Seminar Halls and Corridors etc.. 5. The committee advised to implement reward policy to encourage merit students in the year 2016-17. The institute implemented Means- cum-Merit scholarship Policy from the year 2017-18 Reward the students excelling in academics and extracurricular activities

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

The institute taking care the supporting staff by providing not only financial aid but also with training and development activities. The following are the initiatives during the last three years. 1. Conducted medical camp and free medical check –up for all supporting staff. 2. Conducted special training on typing skills for all data entry operators 3. Provided training for all Ayas and Attendants on Hospitality and House keeping 4. Conducted special training for all security staff on fire safety measures 5. Conducted an awareness programmes about hygiene and nutrition food

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

The institute was accredited by NAAC in the year 2012 and since then the institute has religiously undertaken quality management processes to ensure consistent quality of services offered at various levels. An Internal Quality Assurance Cell (IQAC) was established in the same year and has been an integral and key part of the quality management process at the institution. IQAC includes members representing all the stakeholders such as the students, faculty members, employers, industry personnel, academicians, parents and alumni. IQAC meets once a quarter to appraise the quality measurement parameters and to provide course corrections wherever necessary. The qualitative and quantitative measures undertaken have resulted in consistent good outcomes regarding all the objectives set-out by the institution. The same has been updated to NAAC from time to time through the Annual Quality Assurance Report (AQAR). Post the NAAC accreditation, several quality improvement and sustenance measures have been initiated and sustained at the institute based on the philosophy introduced by NAAC. A summary of the same has been provided below: • Conduct of orientation sessions for faculty. • Remedial classes for students • Section separation on Students merit. • Measures to improve GATE scores • CRT classes to enhance Placement Percentage. • Pre-allocation of subjects to faculty. • Framing of Targets for Research Outputs. • Introduction of Incentives for Research. • Introduction of Course files. • Conduct of orientation sessions for faculty • Remedial classes for weak students • Section shuffling based on Students' merit • Measures to improve GATE scores • CRT classes to enhance Placement Percentage • Allocation of subjects to faculty with sufficient • Setting targets for Research Outputs • Introduction of Incentives for Research • Improvement of Course files with all teaching A few case studies of the above initiatives is as follows: Orientation classes for faculty • Challenge : Reduced feedback percentage for certain sections of the faculty • How it was Identified : Student feedback indicated accelerated completion of the last two units of the designated syllabus by certain faculty • Recommendation : IQAC in the meeting held on 16-03-2013 recommended conduct of orientation sessions to faculty members on improved teaching methodologies and subject concepts • Result: Analysis of student feedback on faculty showed improvement by 15. Remedial classes for weak students • Challenge : Reduction in the number of backlogs and improving students' eligibility for placements • How it was Identified : Upon the analysis of results and the analysis of students who were ineligible for placements • Recommendation : Conduct remedial classes to reduce number of backlogs in weaker sections • Result : Improved

| | student motivation and decrease in the backlog count by 4 |

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
2017	Workshop on Introduction to Intellectual Property Rights	04/12/2017	04/12/2017	04/12/2017	250
2017	Workshop on Research Methodology	31/08/2017	31/08/2017	06/09/2017	120
2018	NSS Awareness camp on Reduce, recycle and reusing of Books	14/03/2018	14/03/2018	14/03/2018	44
2017	Awareness camp on Road Cleaning Activity-2017	08/12/2017	08/12/2017	08/12/2017	60
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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
An Awareness Program on "Importance of Yoga in Daily Life''	21/06/2017	21/06/2017	151	158
A Guest Lecture on '' Gender Sensitization and Self Confidence''	28/07/2017	28/07/2017	239	206

An Awareness Program on ''Mis-usage of Internet'' 09-09-2017	09/09/2017	09/09/2017	152	103
A Talk on ''Life Skills and Gender Sensitization''	29/09/2017	29/09/2017	164	79
An Awareness Session on ''Women's Health and Hygiene''	10/11/2017	10/11/2017	372	0
Training program for Girl students on "Self – Defence"	22/01/2018	22/01/2018	129	0
An Awareness Program on "Health and Nutrition"	14/02/2018	14/02/2018	305	0
An Event on "Women's Day Celebrations"	08/03/2018	08/03/2018	404	0
A Session on ''Role of Education in Women Empowerment''	20/03/2018	20/03/2018	233	0
An Awareness Program on "Impact of Women's Health on Society''	21/04/2018	21/04/2018	246	0

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
Solar Energy: As an environmental conscious institute, the Institute installed 350 KW of solar plant at the institute premises and distributed 180 KW of solar plant is installed at main block, first year block 70 KW of solar power is installed at First year block, 50 KW of power is installed at Ladies Hostel and 50 KW of solar power is installed on mess. The entire 350 KW of solar plant is tied to grid and an average of 1200 units per day of electrical power generated. From this solar energy, almost 45-50 Percentage of power requirement of the institute met by solar energy sources.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	7
Provision for lift	Yes	7

Ramp/Rails	Yes	7
Rest Rooms	Yes	7
Scribes for examination	Yes	2
Any other similar facility	Yes	1

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
2017	1	1	11/07/2017	1	World Population Day Rally 2K17 - Save the Earth from Population Explosion	Today, the mother earth is in danger in many ways and population explosion is one of the reasons for this situation. This activity aims to bring awareness among our students and community on how, over population can harm economy, environment and more	250

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Teacher and society	01/06/2017	Teachers should • Work to improve education in the community and strengthen the

			community's moral and intellectual life. • Be aware of social problems and take part in such activities as would be conducive to the progress of society and hence the country as a whole. • Perform the duties of citizenship, participate in community activities and shoulder responsibilities of public offices and • Refrain from taking part in or subscribing to or assisting in any way activities, which tend to promote feeling of hatred or enmity among different communities, religions or linguistic groups but actively work for National Integration
Teachers and Colleagues	01/06/2017	Teachers should Treat other members of the profession in the same manner as they themselves wish to be treated. - Speak respectfully of other teachers and render assistance for professional betterment. - Refrain from lodging unsubstantiated allegations against colleagues to higher authorities. - Refrain from allowing considerations of caste, creed, religion, race or sex in their professional endeavor.
Teachers and Authorities	01/06/2017	• Discharge their professional responsibilities according to the existing rules and adhere to procedures and methods consistent with their profession in initiating steps through their own institutional bodies and/or professional organizations for change of any such rule detrimental to the

			professional' interest.
Teaching and non-teaching staff	01/06/2017		Teachers should treat the non-teaching staff as colleagues and equal partners in a cooperative undertaking, within every educational institution - Teachers should help in the function of joint staff-councils covering both teachers and the non-teaching staff.
Teachers and parents / guardians	01/06/2017		Teachers should - Try to see through teachers' bodies and organizations that institutions maintain contact with the parents / guardians of the students and reports of their performance to the parents / guardians whenever necessary and meet the parents / guardians in meetings convened for the purpose for mutual exchange of ideas and for the benefit of the institution.
Code of ethics and conduct for the administrators	01/06/2017		1. Encourage outstanding teaching, research, and other professional activities. 2. Maintain a safe and clean environment for student learning and faculty research. 3. Act as an advocate for faculty, staff, and students of the College. 4. Treat faculty, staff, and students fairly and impartially. 5. Refrain from engaging in behaviour on the college premises that is inconsistent with their role as College leaders. 6. Strive to ensure the availability of resources required to accomplish goals and objectives
Code of ethics and conduct for the students	01/06/2017		1. The student shall be regular and must complete his/her studies in the College within stipulated time. 2. All students

			must uphold academic respect to all persons and their rights and property and safety of others etc. 3. He/she must carry the identity card, issued by the college. 4. he/she should not Park a vehicle in a no parking zone 5. He/she is forbidden for Smoking on the campus of the college. 6. He/she should not indulge in any act of discrimination based on an individual's gender/caste/race, religion/religious beliefs, colour/region/language/disability, marital/family status, physical/mental disability/gender identity, etc.
Code of ethics and conduct for the students	01/06/2017		7. He/she should not misbehave at the time of student body elections or during any activity of the college. 8. Faculty should refrain from lodging unsubstantiated allegations against colleagues or higher authorities 9. Faculty should participate in programmes of professional growth like in-service education and training, seminars, symposia workshops, conferences, self-study etc . 10. Faculty should avoid conflict between their professional work and private interests which could reasonably be deemed to impact negatively on pupils/students 11. recognize the management as the prime source of his sustainable development and develop mutual respect and trust through his/her professional activities

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebrating Constitution Day: Preamble Reading and Pledge-taking Ceremony	14/08/2017	14/08/2017	112

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

1) As a matter of principle the institution is built with open free spaces and greenery. Plantation work is done regularly to make the campus eco-friendly. Ours is a ISO 14001-2004 certified institution. Apart from this, Rain Water harvesting pits are provided throughout the campus.

2) The institute is switched over to Amway Eco-Friendly Cleaning Detergents for cleaning to Restrooms and Floors.

3) The campus is working towards becoming a Zero-Waste campus. Waste generated is segregated into Bio-degradable and Non-Bio degradable. categories. Bio-Degradable waste is composted in compost pits. Non-Bio degradable waste is further segregated finely based on the materials. like Paper, Plastic, Glass, E-waste, Metal and Hazardous Waste. After finer segregationally recyclable waste will be sent for recycling and hazardous waste will be sent for disposal through authorized channels.

4) A pilot program of implementing Zero Waste Management is already in progress in the campus in collaboration with a recycling company named Green waves Environmental Solutions.

5) Established Green Club and it continuously encouraging students and staff towards environment friendly events.

6)World Environmental Day-A Plantation Program in and around the Campus conducted on 5th June 2017

7)Clean up drive "Swachh Bharat" programme with in the VIIT (A) campus conducted on 8th December 2017

8) Swachh Village Awareness at Lambasingi conducted on 20th December 2017

9) NSS Awareness camp on Reduce, Recycle, and Reusing of Books conducted on 14th March 2018

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I Title of the Practice: Campus Recruitment Training and Communications Skills Trainings Objective of the Practice: To improve the quality of career options for students with placements in world renowned companies and admissions in the premier institutes / universities for higher studies The Context : The students who enter the institute in general have an average/below average academic record in the past such as X, 2 and EAMCET. As most of the students also belong to rural/semi-urban backgrounds, their communication skills, worldly exposure and overall confidence are challenged. Hence, the general expectation of the students and parents was to complete the programs and get a placement in a service sector company or an admission for higher studies in an average academic institution. In this context, the institute set-out to achieve an erstwhile unthinkable objective of getting placements for such students in world renowned companies which were otherwise within the dreams of only the students from the National premier institutions. The Practice: The institute realized that in order to achieve such a success,

the gaps in students' skills have to be addressed on various fronts such as: ? Technical skills being up to international standards Communication skills to be the best ? To have a positive attitude and a pleasant personality ? To achieve the above, the institute has put in place a training / supplementary skill development mechanism right from the first year of the programs. The following initiatives were undertaken: ? Communication skills training in the first year of the programme ? Extensive technical skills development programs in the second year and third year ? Various mini projects to develop the application skills among students ? Continuous interactions with experts from leading industries and universities to help students get a perspective of their expectation. ? Rigorous Campus Recruitment Training in the third year to focus on improving quantitative, reasoning, logical, verbal and programming skills Evidence of Success: The above practices resulted in the selection of students into the following companies: ? 9 students got selected for Microsoft with a package of INR 9.74 lakhs ? 1 student got selected for internship in Amazon with a package of INR 5 lakhs during internship and a potential for employment with a package of INR 26 lakhs ? 2 students have been selected for Yodlee Infotech with a package of INR 5.7 lakhs ? As the current batch is still pursuing the final year, their success in terms of admissions to foreign universities is yet to be determined. ? Overall, more than 35 students got selected for companies with a salary package of more than INR 5 lakhs per annum which itself is a record among all the institutions in this region Problems Encountered and Resources Required: As many of the students hail from rural/semi-urban backgrounds and are not comfortable at communication skills, it became a herculean task for the faculty, to inculcate the awareness needed and to create the interest among the students towards English communication. In addition the biggest challenge was to make them believe that they are very much capable of getting selected for companies which were otherwise only in the domain of the students from premier institutions such as IITs/NITs. ? The institute has conducted extensive awareness sessions and motivations sessions right from the first year to motivate the students at an early stage in order to give them sufficient time to improve their abilities. In addition, regular competitions were conducted in order to get them the necessary confidence upon their own abilities. Such efforts in addition to the extensive training program have helped the students to rediscover themselves. ? As the institute was predominantly focusing on academics, there was a severe shortage of in house staff with the requisite abilities to impart the necessary technical and communication skills to the students. ? Taking advantage of the proximity of a huge Indian Navy establishment in the vicinity, the institute has developed an in-house training team with members comprising of predominantly spouses of the Indian Navy personnel who have had quite an extensive exposure in terms of inter-personal skills and communication skills. The institute has also collaborated with experts from the industry to significantly improve the technical and programming skills of the students. Best Practice II Title of the Practice: Student Counselling - The institute has devised a comprehensive scientific system, 'Academic and Emotional Progression of Students (AEPS)' to monitor regularly and confidentially the academic progress and emotional quotient through trained faculty mentors. Objective: The objective is to achieve the following attributes and improvements in students: ? Identification of distinct academic talent and nurturing at early stages ? Identification of slow learners/deviant behaviour to take up remedial measures ? Improvement in attendance and discipline Cordial and harmonious relationship with peers Personality development ? Clearance of backlogs The Context: The institute believes that all round development of students is achievable not only by the well-structured teaching and learning systems but also supported by good counselling system inculcating good values among students. Moreover, the institute also believes in improving discipline and correcting attitude which has to be carried out with gentleness instead of instilling threat and thereby

fear. So, if the faculty is limited to course work alone, the personality of the students cannot be developed. Ergo, every faculty member before addressing the mind of the students has to address the heart of the students to balance their emotions and psychological aspects not just for better learning but also for effective understanding of himself, others, and the systems which paves the path for his promising future. The Practice: The system involves regular collection of feedback through personal interaction with the students on 'learning difficulties, clearing the backlogs, ambition towards higher education, and career plans etc'. It also helps the faculty to monitor the student's emotional progress in terms of personal problems, peer pressures, emotional disturbances, excessive and unreasonable parental demands on student's academic performance, incidents of ragging, personality disorders and deviant behaviour. Evidence of Success: The counselling process has helped many a student to succeed after being bogged down by serious academic and personal issues. The following are a few success stories of the many hundreds of success stories that the institute has evidenced through the counselling process: Problems Encountered and Resources Required: The success of the counselling system depends upon the readiness, experience and knowledge of the faculty members in terms of understanding the psychology of the students and being able to empathize with their problems. However, not many faculty members may enter the institute with such an attitude or the abilities. The problem is especially true for young faculty who join the institute fresh from their graduation. To address the above issue, at first, the institution sensitizes and trains every faculty member who joins the institution, organizing special orientation session on counselling handled by professional counsellors and psychologists and it enables even young faculty members to understand multifarious student issues as well as counselling strategies to address the issues. In addition, sometimes, in case of students with complex psychological issues, the institute's faculty may not be adequately trained to handle them. Hence the support of professional psychological counsellors is also taken from time to time to supplement / train the in house faculty members.

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

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

VIGNANS INSTITUTE OF INFORMATION TECHNOLOGY (VIIT) recognizes the importance of English communication skills and is taking proactive steps to address this deficiency among its students from rural backgrounds. The institute initiated the Cambridge English Certification (BEC) that creates in-depth exams that make learning English enjoyable, effective and rewarding. It was designed to help professionals develop the English language skills to communicate confidently in an international workplace, our business qualifications prove to employers that you have the English language skills to succeed. The main objectives of BEC: • Boost employability opportunities for the students – get the English language skills you need to access the best jobs • Excel in business-related studies with proven English language skills • Accepted globally by top multinational corporations like Procter Gamble, HSBC and AstraZeneca, as well as education institutions and business schools In addition to this, the institute created an exclusive English Language Lab comprises with its various learning platforms and curriculum-supported content seems to be a valuable resource for the students. The availability of tools like Rosetta Stone, Speech Solutions, TOEFL Mastery, and Mindscapes can provide a comprehensive learning experience to help students improve their English proficiency. By immersing themselves in computer-

aided language learning, students have the opportunity to practice and enhance their English skills in a supportive and interactive environment. The labs curriculum, which includes activities and tasks, is designed to enable students to communicate effectively with their teachers and peers in English. Correcting grammatical errors and preparing students for internationally recognized Cambridge Exams such as PET in the first year and BEC in the third year is a commendable initiative. By securing high pass percentages in these international certifications, students can enhance their resumes and increase their chances of success in campus interviews. Improved communication skills and confidence levels will undoubtedly make a positive impact on their overall performance and employability. Impact: Its impressive to see the efforts being made by VIGNANS INSTITUTE OF INFORMATION TECHNOLOGY to empower its students and provide them with the necessary skills to succeed in their academic and professional lives.

Provide the weblink of the institution
www.vignaniit.edu.in

8.Future Plans of Actions for Next Academic Year

1. Research Centres for eligible programs: Institute is planning to apply for Research Centres for 4 programs in first slot among the following programs MECH, ECE, CSE, IT and MBA. 2) Commissioning of new building infrastructure now under construction. 3. Renovate the Aryabhata Centre for computing and its computational facilities. 4. To carry out the simulation research using advanced computational tools and utilize the facility as a centralized database. 5. Increase the current strength of doctorate faculty by around 30. 6. Courses beyond the university curriculum to make students industry ready. 7. Improvement in consulting output from the institution to better, interaction with industry. 8. Set up Incubation Centre. 9. Adoption of villages under UBA of government of India. 10. Consultancy based projects and funding from MSME. 11. Increase the number of conferences organizing by the departments: To share learning and best practice from thought leaders/ experts and engage faculty with likeminded people to share, inspire and generate ideas in their field. Facilitate new collaborations and disseminate research.