

ANNUAL QUALITY ASSURANCE REPORT (AQAR)
2015- 2016

Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P. O. Box. No. 1075, Nagarbhavi, Bangalore - 560072 India

Submitted by



VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY

(Approved by AICTE, Permanently affiliated to JNTUH, Hyderabad)

Aushapur (V), Ghatkesar (M), R. R. Dist. 501301 T.S, India. Ph: 08415-200419

Email: principal@vbithyd.ac.in Website: www.vbithyd.ac.in

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2015-2016

1. Details of the Institution

1.1 Name of the Institution

Vignana Bharathi Institute of Technology

1.2 Address Line 1

Aushapur (V), Ghatkesar (M)

Address Line 2

Ranga Reddy District

City/Town

Hyderabad

State

Telangana

Pin Code

501301

Institution e-mail address

principal@vbithyd.ac.in

Contact Nos.

08415-200419, 9989395570

Name of the Head of the Institution:

Dr.G.Amarendar Rao

Tel. No. with STD Code:

08415-200419

Mobile:

9849524535

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHC0GN 18879)

OR

1.4 NAAC Executive Committee No. & Date:
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.77	2015	5 years
2	2 nd Cycle	NA	NA	NA	NA

1.7 Date of Establishment of IQAC: DD/MM/YYYY

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

Not applicable

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid GC 2(f) UC B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law P (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

Jawaharlal Nehru Technological University
Hyderabad, Hyderabad

1.11 Name of the Affiliating University (*for the Colleges*)

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

NO

DST-FIST

YES

UGC-Innovative PG programmes

NO

Other (Specify)

-

UGC-COP Programmes

NO

2. IQAC Composition and Activities

2.1 No. of Teachers

08

2.2 No. of Administrative/Technical staff

02

2.3 No. of students

01

2.4 No. of Management representatives

01

2.5 No. of Alumni

01

2.6 No. of any other stakeholder and
community representatives

01

2.7 No. of Employers/ Industrialists

01

2.8 No. of other External Experts

02

2.9 Total No. of members

17

2.10 No. of IQAC meetings held

02

2.11 No. of meetings with various stakeholders:

No. Faculty Non-Teaching Staff /Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

- | |
|--|
| <ol style="list-style-type: none"> 1. Choice Based Credit System-Curriculum Design 2. Out come based Accreditation |
|--|

2.14 Significant Activities and contributions made by IQAC

- | |
|---|
| <ol style="list-style-type: none"> 1. Meetings with stakeholders 2. Designing of roadmap for Autonomous status 3. Designing of value added programs 4. Thrust on e-governance 5. Thrust on Gender Sensitization 6. Designing of schemes to enhance quality of R&D activities 7. Library portal |
|---|

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
1. Meetings with stakeholders	1. Conducted meetings with Recruiters, Alumni & representatives of parents. Necessary feed back is given to concerned functional units & departments

<p>2. Roadmap for Autonomous status</p> <p>3. Minimum 01 skill enhancement activity in each department</p>	<p>2. Formation of special committee to study the guidelines for autonomous status & preparation of roadmap</p> <p>3. ECE-</p> <ul style="list-style-type: none"> i) Additional training in specific domains by establishing Theorems lab & PCB designing & development lab for II year & Simulink lab for III year students ii) Special training to 30 students for ATMEL projects competition iii) Special coaching for GATE examination iv) Training for 30 students under IoT program in collaboration with TASK (Govt. Of Telangana Initiative), JNTUH & Hyderabad Software Enterprises Association (HYSEA) <p>4. EEE:</p> <ul style="list-style-type: none"> i) Project work support in association with C-DAC to IV year students. <p>5. CSE&IT:</p> <ul style="list-style-type: none"> i) Training for 30 students under IoT program in collaboration with TASK (Govt. Of Telangana Initiative), JNTUH & Hyderabad Software Enterprises Association (HYSEA) ii) Special training on C Fundamentals & JAVA for II & III years respectively <p>6. CE:</p> <ul style="list-style-type: none"> i) Special Training on Total Station & AUTOCAD for II & III year students respectively <p>7. ME:</p> <ul style="list-style-type: none"> 1. Short term training program on Solid Edge 3D design tool for II & III year students
--	--

4. E-governance	<ol style="list-style-type: none"> Automation of various administrative processes like issuing of various certificates, leave management etc MoU with BYNDR –A mobile based learning management platform
5. R&D Activities	<ol style="list-style-type: none"> Submission of 38 minor research project proposals to UGC Initiation of incentive schemes to enhance quality of R&D activities

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

AQAR was placed in the meetings of Management Board & Governing Body. While appreciating the efforts of IQAC, honourable members of both the bodies have suggested certain areas to undertake for next academic year (2016-17).

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG	07	-	07	-
UG	06	-	06	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	13	-	13	-

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

- 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	Core/Elective option / Open options
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Non-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

- 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes. R15 regulations started by JNTUH, Hyderabad

- 1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
296	239	25	20	12

2.2 No. of permanent faculty with Ph.D.

22

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
27	-	04	-	03	-	06	-	40	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

- - -

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	5	17	39
Presented papers	3	12	23
Resource Persons	-	02	03

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Introduction of BYNDR –A mobile based learning management platform.

2.7 Total No. of actual teaching days during this academic year

204

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

-

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

BoS- 01

FDP- 03

CDWS-02

2.10 Average percentage of attendance of students

75%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Tech.(CE)	65	15	30	02	18	72.31
B.Tech. (EEE)	118	22	42	19	35	70.34
B.Tech (ECE)	179	61	63	13	42	76.54
B.Tech (CSE)	100	35	33	10	22	78.00
B.Tech (IT)	43	16	16	03	08	81.40
B.Tech (ME)	130	21	53	11	45	65.38
M.Tech. (CSE)	48	36	09	00	03	93.75
M.Tech. (ES)	23	06	06	00	09	60.87
M.Tech. (CS)	34	12	08	00	14	58.82
M.Tech. (EPS)	38	11	18	00	09	73.68

M.Tech (PEED)	38	24	04	00	10	73.68
M.Tech (CAD/CAM)	04	02	00	00	02	73.68
M.B.A.	29	10	10	00	09	68.97

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

The IQAC continuously monitors the Quality of Teaching-Learning Process by way of conducting academic staff appraisal process at the end of every academic year. These reports are reviewed by the heads of the Initiatives to initiate the measures to improve the quality of teaching and learning process.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	01
UGC – Faculty Improvement Programme	-
HRD programmes	01
Orientation programmes	02
Faculty exchange programme	-
Staff training conducted by the university	01
Staff training conducted by other institutions	07
Summer / Winter schools, Workshops, etc.	05
Others	09

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	40	-	07	-
Technical Staff	36	-	05	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Periodical brainstorming sessions have been conducted by the experts from academia, research organizations like National Atmospheric Research Laboratory (NARL), Gadanki, Tirupathi & National Remote Sensing Agency (NRSA), Hyderabad.
2. Research Colloquium on last Saturday of every month
3. Updation of R&D policies to enhance the quality of research.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	02	02	-	01
Outlay in Rs. Lakhs	58 lakhs	47 lakhs	-	20 lakhs

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	38
Outlay in Rs. Lakhs	-	-	-	105 lakhs

3.4 Details on research publications

	International	National	Others
Peer Review Journals	10	35	-
Non-Peer Review Journals	48	06	-
e-Journals	03	02	-
Conference proceedings	03	35	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2015-2020	DST	30 lakhs	30 lakhs
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-

Projects sponsored by the University/ College	2015-16	SVET	5 lakhs	5 lakhs
Students research projects <i>(other than compulsory by the University)</i>	2015-16	SVET	3 lakhs	3 lakhs
Any other(Specify)	-	-	-	-
Total			38 lakhs	38 lakhs

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges
Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	-	01	01	-	03
Sponsoring agencies	-	01	01	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
-	-	-	-	-	-	-

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them

06

13

3.19 No. of Ph.D. awarded by faculty from the Institution

03

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="02"/>	College forum	<input type="text" value="10"/>
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="01"/>
		Any other	<input type="text" value="-"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Training to Govt. School teachers in Ranga Reddy District, Telangana under Student And Teacher Research Programme (STAR) of IEEE-VBIT SB
- 34 community programs by street cause VBIT forum
- Blood donation camp & Distribution of educational aid by NSS unit
- Water Harvesting by Eco-club

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	14.39 acres	-	-	14.39 acres
Class rooms	43	18	SVET	61
Laboratories	48	11	SVET	59
Seminar Halls	05	01	SVET	06
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	76	12	SVET	88
Value of the equipment purchased during the year (Rs. in Lakhs)	-	21,76,437	SVET	21,76,437

Others	-	-	-	-
--------	---	---	---	---

4.2 Computerization of administration and library

- | |
|--|
| <ol style="list-style-type: none"> 1. Bar coding is implemented for circulation of books. 2. e-journals access on campus and off campus 3. OPAC 4. LAN facility 5. Wifi facility 6. Library website 7. Library Automation 8. Internet speed with 1GB 9. NPTEL Video Lectures online. 10. Member to N-LIST (INFLIBNET) 11. Sharing information through social media 12. Reprography |
|--|

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	29729	87,29152	2679	10,59425	32408	97,88577
Reference Books	6436	1,39115	1101	4,35996	7537	5,75111
e-Books(through N-LIST)	69909	5000	10500	5725	80409	10,725
Journals	1375	1352678	216	317271	1591	1669949
e-Journals	2000	1476152	175	439322	2175	19,15474
Digital Database	1 (college data share)	40,000	-	-	1	40,000
CD & Video	2439	10,000	361	5000	2800	15,000
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1200	25	30mbps	01	01	30	20	05
Added	100	01	40mbps	-	-	10	10	05
Total	1300	26	70mbps	01	01	40	30	10

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- | |
|--|
| <ol style="list-style-type: none"> 1. Conversion of IV processor to i3 & i5 processor 2. Conversion of 10/100 switch to 01 GB switch |
|--|

4.6 Amount spent on maintenance in lakhs :

i) ICT	47,28,127
ii) Campus Infrastructure and facilities	1,25,64,782
iii) Equipments	69,59,158
iv) Others	57,74,450
Total :	2,57,71,217

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. Time bound delivery of student support services was planned and executed
2. Effective management of student grievances
3. Additional features are made available on e-cap(Engineering Colleges Automation Portal)

5.2 Efforts made by the institution for tracking the progression

1. Publication of “Vignana Vedhika”- A Book containing details of out going students of each batch.
2. Separate website for alumni
3. Creation of additional logistics for alumni association.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2839	245	-	-

(b) No. of students outside the state

02

(c) No. of international students

-

Men

Women

No	%
2114	69

No	%
970	31

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
301	58	31	335	-	725	301	78	39	374	-	792

Demand ratio 8.55% Dropout % nil

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. Additional coaching beyond college working hours for the students appearing for GATE examination.
2. Execution of Value Added Programs such as Aptitude, Reasoning, Communication skills

No. of students beneficiaries 524

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	39	CAT	12
IAS/IPS etc	-	State PSC	47	UPSC	-	Others	-

5.6 Details of student counselling and career guidance

1. A special design of mentoring mechanism which includes:
 - a. Allotment of 01 faculty mentor for a group of 20 students.
 - b. Periodic counselling based on parameters like Attendance, Behaviour, Performance, Personal & others.
 - c. Systematic record of observations made by mentors throughout the four year course of a student
 - d. Regular mechanism of interaction with the parents

No. of students benefitted 204

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
07	335	98	29

5.8 Details of gender sensitization programmes

- 5.9
1. It is a regular subject added in JNTUH curriculum.
 2. Special attention on women representation on each committee.
 3. Special focus on WIE (Women in Engineering) affinity group of IEEE. This group received **“2015 WIE Student Branch Affinity Group of the Year Award”** from IEEE at Asia-Pacific region R-10.

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	-	-
Financial support from government	1747	77,84,100
Financial support from other sources	-	-
Number of students who received International/ National recognitions	03	2,50,000

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level

National level

International level

5.12 No. of social initiatives undertaken by the students

45

5.13 Major grievances of students (if any) redressed: _____nil_____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To emerge as a premier institution for technical education in the country through academic excellence and to be recognized as a Center for Excellence in Research & Development, catering to the needs of our country.

Mission:

To establish a strong institution by consistently maintaining state of the art infrastructure and building a cohesive world class team by providing need based technical education and promoting Research and Development through enhanced Industry Interaction.

6.2 Does the Institution has a management Information System

Yes. Effective utilization of Management Information system through e-cap for staff & students

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Being an affiliated college, IQAC gives regular inputs to the authorized body of university.

6.3.2 Teaching and Learning

1. Regular training to teachers regarding various aspects of Teaching- Learning process
2. Well defined mechanism to monitor and correct the process, if required

6.3.3 Examination and Evaluation

1. Being an affiliated college, university conducts the examinations.
2. Result analysis and related inputs to various departments

6.3.4 Research and Development

1. Well defined plan of R&D activities for the academic year.
2. Exclusive research laboratory for faculty members & research scholars.
3. 37 minor project proposals submitted to UGC during 2015-16

6.3.5 Library, ICT and physical infrastructure / instrumentation

1. Bar coding is implemented for circulation of books.
2. e-journals access on campus and off campus
3. OPAC
4. LAN facility & Wifi facility

6.3.6 Human Resource Management

1. Exclusive HR wing of the administration which monitors recruitment & promotion policies of the institute

6.3.7 Faculty and Staff recruitment

1. Advertisement in major newspapers followed by scrutiny and short listing of the candidates
2. Formation of interview panel as per the norms of affiliated university

6.3.8 Industry Interaction / Collaboration

1. MoU with SAP for training
2. Collaboration with ISB (Indian school of Business) for Entrepreneurship program
3. MoU with Technolexis for innovative projects
4. MoU with BYNDR
5. Training in collaboration with CDAC
6. Regular interaction with Industries/organizations like CPRI, Jain Irrigation, Medha, Indian Meteorological Dept.

6.3.9 Admission of Students

Being an affiliated college, admissions are taking place strictly as per the government norms (70% seats will be filled up by web counselling being monitored by TSCHE & 30% seats will be filled up by management through proper advertisement & merit

6.4 Welfare schemes	Teaching & Non teaching	<ol style="list-style-type: none"> 50% of fee waives for employees of VBIT Incentives for achievers
	Students	<ol style="list-style-type: none"> Tuition Fee & transport fee concession for needy students Awards for achievers

6.5 Total corpus fund generated 13, 43, 34,058

6.6 Whether annual financial audit has been done Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	Director, Academics
Administrative			Yes	Director, IQAC

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

1. College provides regular inputs to university regarding improvement in EDEP (Electronic Distribution of Examination papers) portal

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

University is encouraging the affiliated colleges who have completed 10 years of establishment and having NBA/NAAC accreditation along with permanent affiliation to apply for autonomous status

6.11 Activities and support from the Alumni Association

Institute has developed special portal to built up alumni network. Following are the areas where alumni association is contributing:

1. Guest lectures on advance technologies
2. Training
3. Placement & internships

6.12 Activities and support from the Parent – Teacher Association

6.13 D

1. Feed back on facilities
1. Skill development programs
2. Exposure to advanced techniques of administration

6.14 Initiatives taken by the institution to make the campus eco-friendly

1. Establishment of Harith-Ecoclub
2. Regular activities like guest lectures, film shows, poster competitions etc.
3. Proposals for roof top solar power plants

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the Functioning of the institution. Give details.

1. Adequate facilities at Student activity centre
2. Specific roles for Directors(R&D, Academics, IQAC & Student Affairs) and Dean for smooth functioning of the institute
3. Quality improvement in value added programs
4. More thrust on optimum use of e-governance

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Review & planning meeting was conducted at the beginning of the academic year in which each department & functional units has presented a time bound plan of improvement in various areas which was executed through out the academic year 2015-16:

1. Each Department has to conduct Department Advisory Committee (DAC) meeting before the commencement of the academic year (The agenda provided by IQAC should be referred)
2. Each functional unit (Library, R&D,IQAC,SAC and T&P) has to conduct Advisory/Coordinator Committee meeting before the commencement of the academic year to prepare the schedule of their activities
3. Each Department and functional unit has to conduct monthly meeting of faculty member/ coordinators, the minutes of which has to be maintained.
4. Before the commencement of the Academic year following training sessions has to be organized:
 1. Effective use of Library and E-Cap
 2. Mentoring process
 3. Academic practices
5. Each Department should prepare the perfect plan to execute the new initiatives during 2015-16. A review meeting should be conducted at the middle of the academic year.
6. The workload of Training and placement coordinator should be reduced (8-10 hrs/wk) so that he/she can concentrate on T&P activities more effectively
7. A separate coordinator should be nominated for R&D who will take keen interest in R&D activities. Monthly presentation of R&D should be jointly organized by R&D and respective Department
8. IQAC should organize an exclusive training session for in charges of various Departmental responsibilities
9. There should be direct communication between TPO and HOD regarding planning and activities of various T&P
10. TPO should take ultra care of punctuality and content of CRT classes
11. The name and number of eligible candidates for placement drive should be communicated to the respective Department by TPO
12. Faculty member should not maintain overfriendly relationship with the students (while using whats app, selfies, fb etc.)
13. As a part of Academic plan, each faculty member has to prepare a lesson plan. There should be maximum correlation between this plan and actual delivery of the syllabus. IQAC will prepare a suitable proforma to crosscheck the same
14. Each Department should encourage the formation of subject wise groups (with sr. faculty as an in charge) to maintain uniform coverage of syllabus and while offering various inputs to the students
15. At least more than half of the classes/ labs of hard subjects should be adjusted on Mon./Tue./Wend./Thursday in timetable
16. Academic plan presentation by individual faculty member is mandatory before the commencement of the classes
17. Practical subject should have problem/application oriented tutorials while theory subject can have objective type of the tutorial
18. Faculty members should find out innovative ways to conduct assignments so that copying can be avoided
19. Mentoring is certainly not the filling up of questionnaire. Mentor should have meaningful and informal rapport with the batch of allotted students. The required information should not be filled up in the presence of students
20. Av class content must be monitored by HOD
21. Each Department should maintain clean ambience. Unwanted notebooks, records, tutorial sheets should be disposed off. It is observed that blank tutorial sheets/ answer sheets are being used by faculty members for various purposes, which has to be avoided
22. Exclusive H-R officer should be recruited at office
23. College website has to be redesigned and should be more student friendly
24. Each Guest lecture has to be recorded properly. An exclusive person should be recruited for the same
25. Department and all functional units should invite alumni students on various occasions
26. Some exclusive activity should be planned on 15th August of every year (sports/ documentary etc.)\

27. Remuneration for all external examinations should be uniform
28. No permission should be given for spot valuation during working days
29. All Departments should inform to Computational in charge about installation of required software at least one week before the commencement of the semester
30. New Infrastructure required: 1) SAC 2) Drg. Hall for ME 3) Additional classrooms for ECE,CSE and CE
31. Exclusive faculty should be recruited at Institute level for better interaction with Industry
32. Effective and optimum utilization of modified version of E-Cap
33. The quality of in-house projects can be enhanced by offering training to faculty members in respective domains. Institute should encourage senior faculty members (having more than 4-5 years service in VBIT) in the form of offering sponsorship and on duty leave for skill up gradation
34. CRT and AECS lab modules should be different
35. All major events should be conducted before February so that uninterrupted atmosphere will be available for academics during last spell of instructions
36. Valuation of internal papers should be done more carefully. It is observed that few faculty members are giving marks even without valuation of papers. Any such incident will be viewed very seriously. The evaluated scripts must be shown to the students before finalizing the marks.
37. Every Department should allot floor in charge to maintain overall discipline. They must see that: 1) No student should move outside during class work 2) Student should attend the classes immediately after lunch hour (1.50pm) 3) They should follow the time table till 4.20pm
38. Each Department should encourage need-based in house projects to be undertaken by the students
39. Mini projects can be integrated with major projects
40. Special efforts will be taken to improve the result of weak subjects
41. Director, Academics should take periodic review (once in a month) of all the academic activities in each Department.
42. Remedial classes should be conducted for the subjects like EDC, Drawing and M-1 by respective Departments
43. Technical skill training should be organized during 2nd and 3rd year by TPO
44. Central R&D lab should be utilized by respective Departments by allotting expert faculty member to carry out research activity/ project work
45. All professors having doctoral degree should write the project in their respective domain and submit it to the specific funding agency
46. IQAC should include T&P file (D28) in its index
47. Publication in standard journal should be Linked with annual increment
48. All equipments in the laboratory must be fully utilized for regular/ additional experiments
49. There should be some uniform policy regarding action to be taken on students regarding various types of misconduct
50. There should be one separate vehicle which would be available at late hours so that few staff members (Library, office, account and examination) can work till 5.30 pm
51. Faculty members who are pursuing Ph.D. should get encouragement in terms of reduced work load, availability of computer system and net connection, sponsorship to attend conferences and paper publication etc. The work being carried out by these members should be reviewed periodically by a committee of experts
52. Office should recruit qualified electrician at the earliest
53. Adequate number of systems should be made available at each Department for the use of faculty members
54. All the proposals, suggestions emerged out of Department presentations and minutes of DAC of each Department along with Budget should be included in agenda of Governing body meeting which has to be conducted before the commencement of the Academic year
55. Trial Lab experiments should be conducted in advance if the faculty member handling the respective lab for first/second time or some new experiments are added in to the syllabus
56. At least one value added program should be conducted by each Department in association with T&P

57. Advanced training should be given to programmers so that they will help in better way to students in the respective laboratory
58. Internal technical tests can be conducted by each Department
59. Feed back coordinators should monitor the online feedback process more effectively.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. Systematic mechanism to conduct planning & review meeting at the beginning of each academic year which enables all stake holders to improve the quality of teaching-learning process.
2. Nurturing of students leadership through various forums.10 academic, 10 extra curricular & 02 professional forums are actively organizing various through out the year

7.4 Contribution to environmental awareness / protection

1. Active participation in Harithaharam-an initiative of govt. Of Telangana for Tree plantation
2. Energy audit was done

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

1. Institute has bagged "Out standing Achievement award for WIE forum under IEEE in Asia-Pacific region R-10 during 2015-16
2. Richard E Merwin scholarship was awarded to one of the IT department student by Computer society of IEEE

8. **Plans of institution for next year**

1. To apply for autonomous status during 2016-17
2. To apply for Reaccreditation of major programs from NBA
3. Construction of residential hostels & central auditorium in the campus

Name: Dr.Jayant Kulkarni

Coordinator, IQAC

Name: Dr.G.Amarendar Rao

Principal & Chairperson, IQAC