Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**RAVISHANKAR M**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**0821-2471232**
Mobile no.	**9845550525**
Registered Email	**principalvviet@gmail.com**
Alternate Email	**ravishankarmcn@gmail.com**
Address	**#127-128, Mysore-Bannur Road, Alanahalli**
City/Town	**MYSORE**
State/UT	**Karnataka**
Pincode	**570028**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. N S Sriram**
Phone no/Alternate Phone no.	**08212471635**
Mobile no.	**9880016359**
Registered Email	**dean.vviet@gmail.com**
Alternate Email	**info@vidyavikas.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://vidyavikasengineering.com/NAAC/AQAR_2018-19.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 :	http://vidyavikasengineering.com/NAAC/COE-2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.57**	**2019**	**14-Jun-2019**	**13-Jun-2024**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**30-Oct-2017**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Super Moon Gazing	**03-Mar-2020**	**20**

	2	
Workshop on Digital Signal Processing & its Application	29-Feb-2020 6	110
Suzzlon Wind Power Plant Visit	22-Feb-2020 6	100
Alumni Interaction by Mr. Suhas N on	03-Jun-2020 2	60
Online quiz conduction on	06-Dec-2020 2	59
Online quiz conduction on	06-Dec-2020 2	59
Visit to BARC - RMP, Mysore	30-Aug-2019 1	60
Industrial Visit to CIPET, Mysuru.	14-Feb-2020 1	50
[View File]()		

8. Provide the list of funds 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
EEE Dept,VVIET, Mysore	SPP 43 SERIES	KSCST, IISC campus , Bengaluru	2019 120	16000
EC Dept,VVIET,Mysore	SPP 43 SE	KSCST, IISC campus , Bengaluru	2019 120	23500
CS Dept,VVIET,Mysore	SPP 43 SE	KSCST,IIS	2020 120	3000
IS Dept,VVIET,Mysore	SPP 43 SE	KSCST,IIS	2020 120	4000
[View File]()				

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File]()
10. Number of IQAC meetings held during the year :	**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	<u>View File</u>
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)

Improved Outcome Based Education.

Conducted Seminar/ Workshops/ Training etc. to improve quality in outcome based education

Internship for Pre-final and Final year students

Increased Industry Institute Interaction

Skill development activities for students

<u>View File</u>

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
Improve Outcome Based Education	**Course Outcomes were reviewed and updated in all the departments.· PEOs, PSOs were also reviewed and necessary changes made. · Continuous improvement is monitored and ways to achieve the set goal is continuously analyzed.**
Industry Institute Interactions	**To increase the awareness about the industry working. · To give students practical knowledge on different subjects.**
Enhancing Connectivity & Networking in the Campus	**Institute has practiced various pedagogical methods in teaching learning process.**
<u>View File</u>	

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

Name of Statutory Body	Meeting Date
Governing Council	**04-May-2020**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	24-May-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	01-Feb-2020
17. Does the Institution have Management Information System ?	No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The VidyaVikas Institute of Engineering and Technology affiliated to Vivesvaraya Technological University has governing Council constituted as per the norms of the University. The IQAC Cell provides guidance in all aspects for the institutional development (infrastructure, starting of new courses, criteria for education). The Institution meticulously develops action plans for effective implementation of the curriculum and highest priority is given for academics. At the outset, Principal regularly conducts meetings with various department heads to develop strategies for effective implementation of the curriculum. Teachers are encouraged to impart the curriculum through innovative teaching methods including power point presentations, assignments, discussions, workshops, seminars, industrial visits, Technical Quiz, e- learning apart from regular/traditional chalk and talk methods. Infrastructure requirement for all laboratories is provided and upgraded as per the syllabus/scheme of the university. Now the focus has been shifted on effectively utilizing teams platform and smart boards to effectively carryout teaching and learning activities. The academic calendar of the Institution adheres to University COE and reflects various curricular activities planned during a semester/year which is usually proposed by all departments prior to commencement of a semester. Lecture Plans – The lecture plans along with lecture notes are prepared by the faculty members well in advance for all their corresponding allotted subjects before the commencement of the semester. These are duly reviewed by respective heads of the department and periodically inspected by Academic Audit Committee (AAC). Department Calendar - All departments prepare Department calendar in line with Academic Calendar of the Institution. Laboratories – Laboratory manuals for all the concerned laboratories of the departments are developed by the senior faculty of the respective Departments. Proctor Committees – Minimum of 4 Proctor meetings are conducted in a semester on periodic basis. Also the meetings will be conducted whenever there is a requirement. The Proctors review the grievances, if any, and suitable remedial measures, as and when necessary will be suggested. Meetings - The Department meetings and Academic Co-ordination Council meeting will be conducted every month to deploy the action

plans in an effective manner. • Regular departmental meetings of Class Teachers, Class representatives, Parents Teacher-meetings will be conducted at regular intervals to take suitable measures for the effective monitoring and implementation of the academic process. •The syllabus, question papers, notes, NPTEL materials, PPTs, lab manuals and videos for each subject are provided by the faculty to the students. • Student feedback is taken twice every semester to facilitate analysis and corrective measures to be implemented. • The seminars,assignments, internal assessments, unit tests with respect to the corresponding subjects as planned in the academic calendar are monitored by the Department Heads.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
PCB Design	PCB Design	22/07/2019	60	Employability	Skill development
MEMS	MEMS Design Center	15/07/2019	28	Employability	Skill development

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill
[View File]()		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	UG	01/08/2019
MBA	PG	01/08/2019
MCA	PG	01/08/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	101	Nil

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
Online quiz conduction on Awareness about Environmental Engineering	12/06/2020	59
Online quiz conduction on Awareness about IS 456	12/06/2020	59
Online quiz conduction on Applied Geotechnical Engineering	20/07/2020	59

Online quiz conduction on Awareness about IS 800	20/07/2020	59
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Internship-Computer Science & Engineering	51
BE	Internship-Information Science & Engineering	45
BE	Internship-Electronics & Communications Engineering	120
BE	Internship-Electrical & Electronics Engineering	127
BE	Internship-Mechanical Engineering	55
BE	Internship-Civil Engineering	60
MCA	Field Project	3
MBA	Field Project	51
View File		

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

In each year, at the end of each semester feedback is obtained for streamlining and improving academic activities, quality of education and skill development. Students provide feedback on performance of the faculty, facilities, infrastructure maintenance, course material, conduction of events, etc. Class representatives provide the feedback to HoDs through their class teacher on the above matter. Orientation programmes and events held by the departments provide a forum for feedback collection. Students feedback on value added programmes is taken at the end of the programme. Based on their response changes necessary in organizing such events are suitably planned. At the end of the semester, for each course, student's on-line feedback is taken to ensure free and fair response in a structured format consisting of major parameters pertaining to teaching-learning process during middle of the the semester, feedback is obtained for each course from class teachers, coordinators, HoDs to bring in any mid-course correction needed. The responses are analyzed by the HoDs, Principal. Feedback is communicated to the faculty members concerned wherever

necessary, for any remedial action and improvement. Faculty Performance Appraisal Development System is practiced where the faculties fill the self-appraisal Opportunities are provided to faculty members to improve their methodology, skills, temperament/ attitude and acceptance by student community. Faculty members with appraisal lesser than 50 percent have been asked to improve. Alumni, Parents, Employers Feedback is taken is obtained through the telephonic conversation, filled-in survey forms and personal discussion which helps in the indirect assessment of the course and program outcomes and also helps in designing value added programmes in line with industry requirements, to improve the quality of education and skill impartation The information gathered through this feedback is discussed in Governing Council Meetings for continuous improvements.

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
BE	MBA	60	60	52
BE	Civil Engineering	60	60	50
BE	Mechanical Engineering	60	60	22
BE	Electrical & Electronics Engineering	120	120	58
BE	Electronics & Communications Engineering	120	120	82
BE	Information Science & Engineering	60	60	53
BE	Computer Science & Engineering	60	60	54
MCA	MCA	30	30	10

View File

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1816	133	111	16	2

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
127	127	5	18	18	15

View File of ICT Tools and resources

View File of E-resources and techniques used

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

A Proctor System is available which consists of team of academic staff who provides academic guidance, support for student personal development and acts as the first point of contact for with regard to student welfare. All students pursuing undergraduate and postgraduate will have a Proctor at the commencement of their programme. The Proctoring system is also intended to support the provision of feedback and advice to students and the development of study skills to enable students to become more effective learners. The allocation of Proctors is done by taking account of the diversity of the student cohort. A fair allocation is done by considering the ratio of students to Proctors taking into account overall workload. Wherever possible, Colleges encourages to assign the same Proctor for the duration of the student's programme, where appropriate. The role of Proctors is • To make initial contact with their mentees to arrange the dates and times of proposed Proctor sessions. • To provide advice and support to mentees in matters related to their academic progress and personal development and support mentees in overcoming any issues if identified. • To assist mentees in reviewing their progress, skills and achievements. Academic Proctors must be familiar with sources of guidance and support available from University's, professional and statutory bodies and should provide information to mentees. They should discuss academic progress, assessment and examinations. • To follow up mentees who do not attend Academic Proctor meetings and/or are not making satisfactory progress. • To familiarize students with the Institute rules and regulations, ethics, academic and non-academic issues. Process Flow Diagram of Proctoring System The process flow represents the process dissemination among the teaching group. The various steps for the Process are as follows: The Head of the Institute instructs the Head of the Departments to conduct the Proctor meeting as per College calendar of events. • The Head of the Department instructs the Proctor Coordinator within the Department to provide the agenda for the meetings. • The Proctor Coordinator by consulting the Chief Proctor Coordinator sets up the agendas and sends it to the Proctors. • The proctors on the prescribed date will conduct the proctor meeting and report the grievances submitted by the students to the proctor coordinator. • The proctor coordinator consolidates these issues and sends to the Head of the Department for the necessary actions. • The Head of the Department takes concern over the issues that can be dealt within the department and sends the institute level issues to the Principal. • The proctor coordinator also monitors the proctors if the meetings are not conducted on time or the students are left unaddressed. • The issues related to proctors are reported by the proctor coordinator to the chief proctor coordinator and also to the Head of the Department. • The Head of the Department reports these issues during the Audit committee visit. • The Audit Committee verifies and reports the different issues of the Department to the Head of the Institution.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1949	127	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
125	128	4	16	21

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

2020	Prof Rohith M N	Assistant Professor	Sadana Shikshaka Award 2020 from Seshadripuram Educational Institution

View File

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
BE	BE	5	16/12/2019	02/03/2020
BE	BE	3	16/12/2019	26/02/2020
BE	BE	1	16/12/2019	18/02/2020

View File

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Assessment is the systematic collection and analysis of information to improve student learning". Internal assessment is a crucial part of the instruction process which aids in evaluating student progress and enhances the examination writing skills. Assessing students at several points during the course provides a better indication of student achievement than single, final assessment. Internal Assessment is scheduled and conducted based on the Visvesvaraya Technological University, Belagavi, Regulations Governing the Degree of Bachelor of Engineering/ Technology (B.E/B.Tech) and guidelines. The Examinations Section of the institute provides a centralized service to ensure efficient, consistent and high-quality conduct of Internal Assessment across all departments of college. It coordinates among all departments for planning and conduction of IA and address any grievances or difficulties related to Internal Assessment. The department Internal Assessment Coordinator will manage the development and implementation of assessment and coordinate the in collection, evaluation, and dissemination of all academic, support, and administrative units related to IA. The roles are • Preparing IA schedule. • Allotment of rooms and invigilators based on their work experience. • Collecting blue books, question papers, scheme and solution as per schedule • Required number of photocopies of the question papers has to be taken by IA Coordinators • Recording absentee details. • Display of IA and attendance as per the calendar of events • VTU IA entry/approval • Submission of attendance as per VTU format-I II. • After every IA the consolidated marks have to be mailed to all the proctors. The department Academic Committee will review the Internal Assessment question paper prepared by course coordinator and suggest corrections or inputs for improving the quality of question paper. Department squad team will ensure that Internal Assessment is conducted smoothly as per the rules and regulations of the Institution during each session of Internal Assessment to avoid the malpractice.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

• Calendar of events serves as information source and planning document for students, staff and the department. • To effectively organize and enhance the quality of teaching learning process. • Calendar of events acts as a source for gauging the teaching learning process. • The institute provides the schedules

for all the general holidays and internal assessment dates as it has to be common for the entire college. • The institute provides the schedules for display of Attendance and Internal Assessment marks, Parents Teacher meeting and Proctor meeting dates. • The department level calendar of events is then prepared by the calendar of events coordinator • With reference to the institute given schedules, all the department level activities are planned like Parent-Teachers-Meetings, Assignment Schedules, Guest Lecturer's etc. • The calendar of events is then verified by the semester coordinator, HOD and Principal. • Periodically the teaching learning process is evaluated against the calendar of events to keep track of whether all the activities are in line with it. The calendar of events is reviewed every semester to accommodate the classes and various activities of the department.

2.6 – Student Performance and Learning Outcomes

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

http://vidyavikasengineering.com/NAAC/Criterion-02/2.6.1-Program-outcomes.pdf

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
MCA	MCA	Master of Computer Applications	19	19	100
MBA	MBA	Master of Business Administration	48	30	65.22
ME	BE	Mechanical Engineering	69	67	97
IS	BE	Information Science and Engineering	40	40	100
EE	BE	Electrical & Electronics Engineering	142	134	94
EC	BE	Electronics & Communications Engineering	123	121	98.37
CS	BE	Computer Science and Engineering	65	65	100
CV	BE	Civil Engineering	61	59	96.72
			View File		

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://drive.google.com/open?id=19IjKfbZ0ZUaFJsif0AXgfzIE4g-wXIzw

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – 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	365	NAIN	1765000	579000
Minor Projects	365	KSCST	34000	34000
View File				

3.2 – Innovation Ecosystem

3.2.1 – 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
Workshop"Digital Signal Processing and Its Applications	EEE	29/02/2020
Suzzlon Wind Power Plant Visit	EEE	22/02/2020
Super Moon Gazing	EEE	03/03/2020
Alumni Interaction by Mr. Suhas N on Better career opportunities and on-site experiences	EEE	03/06/2020
Online quiz conduction on Awareness about Environmental Engineering	EEE	06/12/2020

3.2.2 – 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
NILL	NILL	NILL	Nill	NILL
View File				

3.2.3 – 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
VVIET	New Age Incubation Network	Department of IT BT, Government of Karnataka	Nil	Nil	01/01/2019
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Electronics and Communication	1
physics	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CSE	12	1.25
International	EEE	20	1.5
National	CV	7	0
International	CV	2	7.5
International	ME	6	0

View File

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Information Science and Engineering	4
Computer Science Engineering	8
Civil Engineering	Nill
Electronics and Communication Engineering	10
Electrical and Electronics Engineering	4
Mechanical Engineering	5

View File

3.3.5 – 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
A Survey on Women Safety Device Using IOT (WSD)	Prof. Rumana Anjum	IJIRCCE	2019	0	VTu	Nill
Joint Eye Tracking and Head Pose Estimation	Prof. Theja N	IJIRCCE	2020	0	VTU	Nill

for Gaze Estimation							
Early Detection of Parkinson Disease Progression using Gaussian Naïve Bayes Machine Approach by identifying Degeneration in Basal Ganglia Regions	Prof. Madhusudhan G.K	IJRTE	2019	0		VTU	Nill
Smart Fuel Level Indicator and Mileage Calculating Device	Syeda, Pragathi, Sahana, Shashnak and Dr Suma	International Journal of Engineering Research Technology	2020	0		VTU	Nill
"Study of Mechanical and Tribological Properties of Synthetic - Natural Fibers Reinforced Polymer Hybrid Composites for Brake Pad in Automobiles"	Sandeep	International Journal for Research in Applied Science Engineering Technology	2019	0		VTU	Nill
			[View File](#)				

3.3.6 – 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
Flow Measurements in Open Channel- A Literature	Mr. Adarsh S	International Research Journal of Engineerin	2020	Nill	Nill	VVIET

Review		g Technology				
Flow Measurements in Open Channel- A Literature Review	Dr. M.N. Shesha Prakash	National Web Conference On Challenges and Innovation in Engineering and Technology	2020	Nill	Nill	VVIET
"Study of Mechanical and Tribological Properties of Carbon-Jute Reinforced Polyester Hybrid Composites"	Sandeep	Applied Mechanics and Materials	2019	Nill	Nill	VVIET

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	6	39	11	16
Presented papers	2	Nill	3	10
Resource persons	Nill	2	Nill	3

[View File](#)

3.4 – Extension Activities

3.4.1 – 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
Computer Literacy	VVIET-NSS	4	48

[View File](#)

3.4.2 – 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
NA	NA	NA	Nill

[View File](#)

3.4.3 – 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
NA	NA	NA	Nill	Nill

View File

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
NA	NA	NA	0

View File

3.5.2 – 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
Student Exchange	Internship	Orbfocus Pvt Ltd	01/01/2020	17/07/2020	1
Student Exchange	Internship	PIE INFOCOMM	11/07/2020	18/07/2020	1
Student Exchange	Internship	Abridge Online Services	10/06/2020	20/06/2020	1
Student Exchange	Internship	Xane AI	09/07/2020	10/07/2020	1
Student Exchange	Internship	Tequed Labs Pvt Ltd	17/06/2020	17/07/2020	7

View File

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
GTTC, Mysuru, Karnataka, India.	13/06/2019	Skill Development, Internship, Visits, and Technical Knowledge Transformation.	25
CIPET, Mysuru, Karnataka, India.	19/10/2019	Skill Development, Internship, Visits, and Technical	6

		Knowledge Transformation.		
iNFOSYS	21/01/2019	Faculty Enablement Program using Python	3
bALAJI AUTOTECH PVT. LTD.,	01/10/2019	Promote the employability skills in students	12

[View File](#)

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
210	200

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

[View File](#)

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
Newgenlib	Fully	3.0.4	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	32230	9998894	Nill	Nill	32230	9998894
Reference Books	4301	Nill	Nill	Nill	4301	Nill
e-Books	11002	Nill	Nill	Nill	11002	Nill
Journals	57	110000	57	110000	114	220000
e-Journals	1700	1700	1700	1700	3400	3400

Digital Database	12	12	12	12	24	24
CD & Video	1676	Nill	Nill	Nill	1676	Nill
[View File](#)						

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
NILL	NILL	NILL	Nill
[View File](#)			

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	494	15	15	1	1	1	11	40	0
Added	0	0	0	0	0	0	0	0	0
Total	494	15	15	1	1	1	11	40	0

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

40 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
E-SHIKSHANA	http://elearning.vtu.ac.in/
NPTEL online course and certification	http://swayam.gov.in/

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
175	162	110	98

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, provide link)

The procedures and policies for maintaining and utilizing various facilities are periodically updated based on the feedback received from the department HOD's and various stakeholders. The validation of the requirements of all departments is done by IQAC and is allocated to each department. The facilities for Curricular and Co-curricular Activities is furnished with well equipped classrooms includes teaching aids black, White, Ceramic Green board, multimedia

projectors, Podium, etc. Separate department library , well equipped laboratories fulfilling universities norms and beyond syllabus. Seminar Halls are equipped with modern facilities,LCD projectors, audio visual aids, computer and video recording. For various Sports activities, Outdoor and Indoor Games ,NSS, Cultural Activities, Health Centre, Canteen are maintained and utilized regularly The feedback on class room infrastructure, library, labs, canteen, playground, internet facility, etc. is collected from the student The collected feedback will be discussed and analyzed HOD's meeting. The principal will be presenting the same in governing council meeting and the management will take the necessary corrective Measures. The institution has a Manager to take care of all the construction work, add on constructions or maintaining the existing ones. The buildings are maintained for their up-keep and repairs on a regular basis. The house keeping team regularly maintains the buildings, classrooms, corridors and other places clean. The rest rooms are well maintained by a housekeeper on a regular basis During the last year we have enhanced the facilities such as Additional infrastructure facilities like water, health care centre, Extension of Internet Facility ,improvement in Academic activities. Additional coaching classes for slow learners, Changes in Hostel Facility and food Menu. Extended institute industry interaction

http://vidyavikasengineering.com/NAAC/Criterion-04/4.4.2-MAINTENANCE-AND-UTILIZATION.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	MERITORIAL SCHOLOARSHIP	1	87000
Financial Support from Other Sources			
a) National	NA	Nill	0
b)International	NA	Nill	0
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
Soft skill development	11/09/2019	500	Quant Tech Origin
Personal Counselling	24/05/2020	200	HoD and all faculties
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
2020	Mentoring	20	Nill	Nill	Nill

| 2020 | Pre Placement Training Program for 4th year BE Students of 2018-19 | Nill | 60 | Nill | Nill |

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
Nill	Nill	Nill

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
21	180	143	12	180	24

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
2020	1	BE	CV	NIE, mysore	Mtech
2020	1	BE	CV	UK	Mater in Management
2020	1	BE	CV	Pune, Natinoal institution of conctruction management	Advance in Construction Management
2020	1	BE	CV	SJCE, mysore	Mtech
2020	1	BE	CSE	VVCE,Mysuru	M.Tech, CSE
2020	1	BE	CSE	MSOIS, Manipal	ME, Cloud Computing
2020	1	BE	CSE	SJCE,Mysuru	M.Tech, SE
2020	1	BE	CSE	SJCE,Mysuru	M.Tech,N&TE

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
Nill	Nill

View File

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

Activity	Level	Number of Participants
Induction Programm for 1st year students	Foot ball, Recreation activity,Bio mechanical challenges,Yoga Table tennis,Carrom,Chess	320
Spin Cup	Dept' of I S Department of Physical Education sports	750
Hit hit laggori	Laggori Deshi Games mysuru devision Dept' of Civil Department of Physical Education sports	450

View File

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	4th National Intercollegiate CHESS BOXING Championship held at Angle College of Engineering Technology, Tirupur, Tamilnadu.	National	1	Nill	4VM18CS410	Mr.Yashwanth

View File

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

Student council in the institute has a major role in student activities The student council has the chair and co-chair along with different Sports, carrier ,NSS Committee, Cultural Committee member student representatives in the different committees play an important role by actively participating and executing the events Each event will have student coordinators, and there will be Girl/Boy conveners for the entire event. Which maintains an excellent rapport with the student community For academic development the Institute Students in each class identifies two representatives, girls and boys. These

representatives work as bridge between students and HOD/Principal/Management. Twice in each semester, meeting is held between the class representatives with HOD and senior faculty to discuss academic problems if any. The Department conducts continuous assessment meeting twice in a semester to assess the academic performance Faculty along with the student council team will arrange in organizing industrial trips, , departmental workshops, circuit debugging, technical and non-technical quiz and departmental fests to improve their talent and get exposure at institute level. Student council will also involve in enhancing carrier development and placement

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

2

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 management strives to improve the efficiency of the institution in students and faculty support services, apply modern management principles in the areas of planning, organizing, staffing, directing and controlling. Finance Committee, Infrastructure Committee, Staff selection Committee and Purchase Committee report to management and implements strategic plans. The Finance Committee of the Management provides budget for requirements like infrastructure, maintenance and developmental needs of institution. Stay involved with other committees regarding new projects and expenditures. Institute has various committees at institutional levels are responsible for planning and executing event in the institution. The departments prepare the time table after receiving the calendar of events form the Institute. The department has freedom to organize workshops, seminars, conferences, guest lectures, Industrial visits etc. and included in the calendar of events. The faculty members express their innovative ideas to improve the teaching learning process and exchange their ideas to improve the student centric activities. Our Institute has skill development cell, organizing different skill development activities depending upon the industry requirement. ECE department training students on COMSOL and PCB. Mechanical department training the student in CATIA, ANSYS, CNC programming etc. The university revises the syllabus once in four years. As per the new syllabus department HODs are authorized to establish new laboratories and to purchase new equipment to meet curriculum requirements. Principal, dean and HoDs conduct meetings and encourage participative management principle in the Institute. The Institute, established by Vidya Vikas Educational Trust®, has functions with decentralized administrative setup as follows: 1. Management Committee of Vidya Vikas Educational Trust®, 2. Governing Council of VVIET, with Principal as member secretary 3. Principal 4. Dean (Academics) 5.Academic Coordination Council (ACC)

6.1.2 – Does the institution have a Management Information System (MIS)?
No

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Institute is affiliated to Visvesvaraya Technical University (VTU) and follows the curriculum prescribed by VTU. The university revises the syllabus once in four years. Our faculty members actively participated in the curriculum revision by giving suggestion during revision of the syllabus. The faculty members are conduct project based learning, collaborative learning etc. Departments are inviting industry persons to interact with students and deliver technical talk beyond the syllabus. Departments also organize industrial visits for all the semester students and also Students are motivated to take NPTEL courses and refer VTU e-resources.
Teaching and Learning	A structure is in place for ensuring the desired teaching-learning process. The Academics Department was set up by the appointment of the Dean (Academics). One of its responsibilities is to draft the academic calendar. The academic calendar is approved by the Academic Co-ordination Council. It holistically spans the commencement of term till its closure and encompasses academics, sports, cultural, departmental activities, and internal assessment tests. Lesson plans, study materials, question bank and university question papers will be provided to the students in the beginning of the semester TSDP [Total Student Development Program] As suggested by IQAC TSDP was introduced to enhance knowledge and competence of the students resulting towards opportunities in leading companies and to cope up with the new education system when they opt for post graduate education across the globe. TSDP model was implemented with 4 methods: a. Bridge Course The bridge courses help prepare candidates for the next higher level of learning. At the beginning of each semester gaps are identified in the subjects offered and bridge courses

	designed and conducted accordingly. b. Collaborative Learning An alternative to lecture is to make class more interactive through the use of students as active learners. While the quantity of information that can be covered using a participatory teaching method is less than what can be covered in the same amount of time in a traditional lecture, it is often observed that the quality and depth of information is greatly enhanced. c. Blended Learning It is a formal education programme that's made up of in-person classroom time as well as individual study online using educational videos. Each student has a range of different strengths and requirements. When they are given the ability to use tools from both traditional and digital spheres, tutors are able to present necessary information in a range of different ways designed to suit the varying learning styles of their students. d. Project Based Learning It is a model for classroom activity that shifts away from the classroom practices of short, isolated, teacher cantered lessons and instead emphasizes learning activities that are long-term, interdisciplinary, and student-cantered
Examination and Evaluation	CBCS SCHEME (2015 scheme) Three Internal Assessments are conducted for each theory course as per calendar of events. The syllabus is divided into three portions and each portion is covered in an internal assessment. 20 marks is earmarked for CIE, out of this 15 marks is awarded from the average of two internal assessment tests and 05 marks are awarded based on the performance in the assignment/module tests/seminars/mini-projects etc. Each internal assessment is conducted for 30 marks and scaled down to half of it which is considered as the internal assessment marks of the student for that test. The average of best two internal assessment score and marks scored by students in activity based assessment is considered as the final IA marks. At the end of semester the university conducts examination for each course. The examination question paper will have 10 questions with two questions from each module. The students are required to answer five questions choosing at least one

	question from each module. Each question carries 16 marks. The student will be evaluated for 80 marks in Semester end examinations
Research and Development	The Institution is creating an amicable atmosphere to the faculty members to involve in research activities to face the challenges of the recent trend. The Institution has established Research and Development Cell to promote research attitude among faculty and students with the following activities. Teachers are encouraged to submit more Research projects to different funding Agencies. Industry experts are invited to interact with students and provide exposure to help them develop entrepreneurial skills Eminent scientists and speakers are invited for Technical talks Motivating them to attend seminars, workshops, refresher courses and International/ National Conferences Publication of papers in national and international journals
Library, ICT and Physical Infrastructure / Instrumentation	The Institution has resourceful library which is accessible to all categories of users. The library has two floors. This area is divided into Book Section, Reading section, Discussion Rooms, Digital Library, property counter and Newspapers Section. A Reference section is provided to refer reference books, competitive exam books, Novels, journals, back volumes of periodicals, newspaper clippings project reports. Library committee meets and finalize the needs of the library and collect the requirements of new books form the faculty members and students. Strategic growth of expansion plan (physical infrastructure) is set in order to meet increase in number of students / faculty / non-teaching staff. The enhancement of infrastructure and reinforcement of the existing infrastructure on a continuous basis consistent with growing needs of our institute are set as a top priority. Further, as technology advances, the existing infrastructural facilities are constantly updated. Relinquishing and elimination of obsolescence is also paid sufficient attention The classrooms are equipped with smart boards, in laboratories some of the old

	equipment are replaced with new one. Well- equipped laboratories are maintained by qualified technical staff. Safety precautions are taken care in all laboratories. The charts are displayed in all laboratories
Human Resource Management	• Streamlined recruitment process • Academic Freedom for development – organizing FDPs, Conferences, Seminars, industrial visits, workshops etc
Industry Interaction / Collaboration	• Industrial Visits • Internship for all students • MoU with reputed company / Industry • Technical talks from industry persons • Some of students will do the projects in Industry
Admission of Students	The admission process follows the norms laid out by the Karnataka Government and that of the affiliating University. The admission process is well defined, transparent. The information of the admission process is disseminated through various media like daily news paper, college website, prospectus, alumni, advertisements, etc. Admission to UG according to Karnataka government norms

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

E-governace area	Details
Examination	Online question paper delivery from VTU, online valuation and online results announcements. Also online exam form entry, practical marks entry, internal marks entry, etc.
Finance and Accounts	Tally accounting software for tracking payments, receipts and balance of accounts
Student Admission and Support	VTU online entry with college database, registration of admission, year of study, etc

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nill	NIL	NIL	NIL	Nill
[View File](#)				

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

Year	Title of the	Title of the	From date	To Date	Number of	Number of

	professional development programme organised for teaching staff	administrative training programme organised for non-teaching staff			participants (Teaching staff)	participants (non-teaching staff)
2019	Effective project proposal writing	NIL	26/10/2019	26/10/2019	12	Nill
2020	FDP on Bloom's Taxonomy	NIL	08/02/2020	08/02/2020	10	Nill
2019	FDP on PCB Manufacturing Process	NIL	25/06/2019	11/07/2019	6	Nill
2020	Five Days Online National Level Faculty Development Program on "PCB Design" In association with	NIL	29/06/2020	03/07/2020	100	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
Online workshop on System Design using Xilinx Vivado on Zynq SoC	1	12/05/2020	12/05/2020	1
National level FDP on Decoding Examination during and post Covid 19	1	08/05/2020	08/05/2020	1
One Day Webinar series on "Satellite and Telecom Network",	3	25/05/2020	25/05/2020	1

organized by NIEIT, Mysuru				
Three Days Webinar series on "Satellite and Automation" organized by GSSSIETW in association with IEEE Bangalore section CAS Bangalore chapter	2	11/05/2020	13/05/2020	3
One week AICTE organized Online Workshop on Universal Human Values on the theme "Inculcating Universal Human Values in Technical Education"	1	02/05/2020	06/05/2020	5
Webinar on "Structural and Geotechnical Advances in Civil Engineering	1	20/07/2020	21/07/2020	2
Webinar on Sustainable perspectives of sewage treatment-A pandemic warrior	1	23/05/2020	23/05/2020	1
Online Faculty Development Program on "OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE"	1	11/05/2020	15/05/2020	5
FDP on research perspective in futuristic computing technologies	1	06/07/2020	10/07/2020	5
National level FDP on Digital India	1	17/07/2020	17/07/2020	1

and education 4.0				

View File

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
16	Nill	2	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
CL, SCL, Vacation leave, Medical Leave and EPF is provided to all teaching and non-teaching staff members. Gratuity to all employees. Group Medical Insurance for all the employees Faculty and technical staff who present papers /attend Conferences/Workshops/seminars within India are given the registration fee, TA DA	One week leave for marriage Granting medical leave Medical Support Free transport facilities Motivating them to attending orientation programmes, workshops and conferences Providing dress materials for non-teaching staff Providing vehicle utilization or transport allowance for non-teaching staff Providing dress materials for housekeeping staff Group Insurance EPF is provided to all teaching and non-teaching staff members. Gratuity to all employees. Group Medical Insurance for all the employees.	Subsidized transport facility canteen facility Free parking sports and cultural incentives .MoU with Kaveri Hospital for medical emergency

6.4 – Financial Management and Resource Mobilization

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

Before commencement of every Financial Year, Principal sends Circular to all the HODs to submit budget requirements for the next financial year under specified head of accounts. In turn HOD's sends the Circular to Laboratory Faculty Co-ordinators to estimate the Budget from various laboratory for purchasing new equipments / softwares. The amount required for conducting various programs like Guest Lectures, workshop, faculty development program and seminar depending on the standard is prepared by a team of faculties under the guidance of concerned Heads of the Department based on the guide lines given by the Principal as decided in the Academic Coordination Council. Principal reviews the previous year budget actual expenses requirements of all the departments in consultation with Purchase Committee and concerned HODs (if required) and prepares a consolidated college budget. This exercise is carried out considering the recurring and non recurring expenditure required by the respective departments for the entire year. Principal consolidates the College level requirement and the comprehensive budget proposal is placed to the management committee for final approval. The budget submitted by the Principal for the next financial year is placed before the Governing Council for discussion, and approval. The approval is given on priority basis keeping in mind all the sections of the proposal have fair share. Any additional

requirements that arise due to unforeseen expenditure shall be discussed in the HODs Academic Coordination Council meeting and management committee is requested to ratify. Purchases will be made with the recommendations of duly constituted purchase committee. Audit is done by the Chartered Accountant, at the end of the every year. All the financial transactions of the institute are audited by an external agency. The external audit is carried out by the auditors as per the provisions of the Government rules and regulations. The Institute has maintained the transparency in all financial transactions. It may be seen from the audited reports that all the financial transactions are carried out as per the standard norms. The audited reports are uploaded in the college website as per AICTE norms. An extract of the audited report by the external agency is attached.

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

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

View File

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	VTU-LIC	Yes	Academic Audit Committee
Administrative	Yes	Chartered Accountant	No	NA

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

Supported in arranging resource persons during activities such as Guest lecture, Open House project evaluation, seminars, and workshops. Support in obtaining internships, placements, projects, etc. Students Performance Analysis meeting is conducted for higher semester students as per calendar of events. The students and their parents are invited to discuss with HOD/ class teacher/ concerned faculty regarding the performance of the students. Mentoring system is carried out by counselling the students academically and career wise as well. During this process the parents are also involved as and when required.

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

Skill development programs in Cadence PCB designing and training on COMSOL by EC Department. Maintenance and servicing awareness program for PCs, UPS. Technical workshop to conduct lab as and when the syllabus changes. Refresher course on usage of software tools. Personality development program. English Assessment Program.

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

Streamlined the CO-PO computation across the campus using in-house custom-built computation tool. Improved the branding of the Institution by revamping the Institution Resolved to apply for NBA accreditation in the GC meeting Revised set of HR Policies for sourcing, recruitment, maintenance and

retention. Renovation and addition of physical and IT infrastructure, modernization of existing laboratories and establishing new laboratories in line with industry's requirements, establishment of centres of excellence (research laboratories) to provide a platform for research for both students and faculty. Motivating and supporting entrepreneurial drive amongst students by establishing NAIN Incubation centre. Working towards accreditation by NBA by reinforcing OBE system faculty are encouraged to innovatively improve the processes including evaluation processes to achieve attainment higher levels of course outcomes Academic audit is carried out for both odd and even semesters for all programs. Appraisal formats were revised for Teaching and non teaching staff of college. Quality Assurance reports were revised for academic audit inline with accreditation bodies. Faculty induction program was organised for newly recruited faculty.

6.5.5 – Internal Quality Assurance System Details

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

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
2020	Online quiz conduction on Awareness about Enviro nmental Engineering	12/06/2020	12/06/2020	12/06/2020	59
2020	Online quiz conduction on Applied Geotechnical Engineering	20/07/2020	20/07/2020	20/07/2020	59
2020	Online quiz conduction on Awareness about IS 800	20/07/2020	20/07/2020	20/07/2020	59
2020	Java Spring Works hop,Google Student Organization Members	03/03/2020	03/03/2020	03/03/2020	50
2020	Covid-19 Social Awareness Program,Dr. Krishna Raj Professor ISE, MSRIT	30/03/2020	30/03/2020	30/03/2020	85

2020	Covid-19 Prevention and control,Dr. Yogish H K Prof and Head MCA, MSRIT	30/06/2020	30/06/2020	30/06/2020	80
2020	Google Cloud Ready	13/07/2020	13/07/2020	13/07/2020	82
2020	Online quiz conduction on Awareness about IS 456	12/06/2020	12/06/2020	12/06/2020	59
2019	Building Professional network for career advancement	01/10/2019	01/10/2019	01/10/2019	30
2019	Webinar on "Dealing with the air pollution crisis"	14/12/2019	14/12/2019	14/12/2019	35

View File

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Woman's day Celebration	09/03/2020	09/03/2020	76	42

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
NIL

7.1.3 – Differently abled (Divyangjan) friendliness

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

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
2020	1	1	30/03/2020	6	covid awareness	covid-19 social awareness	85
2020	1	1	09/01/2020	4	Visited a blind school – People park, Mysuru to guide provide scribes.	Need of scribes for blind children	20
2019	1	1	14/12/2019	3	Webinar on "Dealing with the air pollution crisis"	Solutions for controlling air pollution	35

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct Handbook for Students and Faculties	19/08/2019	The handbook includes an academic rules and regulations, roles and responsibilities, disciplinary measures etc. Also includes mentoring system of students.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence day	15/08/2019	15/08/2019	275
Republic day	26/01/2020	26/01/2020	280
Women's Day celebration	09/03/2020	09/03/2020	160

[View File](#)

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

* Use of Bicycle • Plastic free environment • Public Transport • Rain water harvesting • Green campus • Pedestrian friendly roads • Paperless office

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of the Practice: Skill Development Programs Objective of the practice: Imbibe additional skill sets, attitude and qualities to the students to make them industry ready. Further, certification programs are arranged in collaboration with industries/organizations. The Context: Beyond the regular university syllabus, will give better exposure about the concepts and latest technologies to the students. In addition to the theory and practical classes Institute also takes the students for field visits, motivate and create opportunity for them to undergo Internship at industries/organizations. To provide them national/international certifications on industry-specific areas to provide them better opportunity for on and off campus jobs. The Practices: These value added programs are planned after verifying with the University curriculum. The skill developments through software training are conducted after completion of necessary theoretical subjects. Evidence of Success: The certification/skill development programs make students learn beyond the syllabus so that their employability or entrepreneurship skills are improved. There is a considerable improvement in the placement after implementation of these programs. Problems encountered and resources required: The students vacation period is reduced with increase in number of programs Identification of experienced and result oriented trainers well in advance is a challenge. Title of the Practice: Parent Teachers Meeting (PTM) Objective of the practice: Increase the efficiency of the student for better academics performance through timely Proctoring and counseling. The Context: The lack of ability of students, at entry level and to adjust to the professional college environment, new type of subjects and overcome home-sickness is a real challenge. During the above cited process, the students are over-stressed and feel out of place. To keep them focused during their internal as well as external examinations – Proctoring and counseling facilities are in place at institution. The Practices: The Institute is having dedicated committee of Proctors. Each proctor is assigned about 20 students to be mentored. They are treated as the local guardians for those students and will address all the problems faced by the students. They also provide counseling and guidance during difficult times. Proctors dairies are provided for each student and all the data/information with respect to the student is recorded in the diary. Each meeting proceedings will be entered in the diary to help in monitoring the progress and corrective actions taken.

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

http://vidyavikasengineering.com/NAAC/Criterion-07/7.2.1-Institutiona-best-practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

TEACHING AND LEARNING The distinctive performance of the Institute is aligned with Vision of the Institute, which is excellence in education and research. Teaching - learning process is the main thrust area to achieve excellence in education. The Management of the Institution ensures effective and efficient teaching learning process by providing State-of-the-Art infrastructure conducive to intellectual growth and all round personality development. A teaching-learning process (TLP) manual designed and developed under the Principal's guidance is focused towards creating an amicable learning atmosphere among the students. Few of the other measures adopted in implementing an effective teaching and learning process include: • Providing

diverse opportunities by creating Wi-Fi facilities in the campus/hostels. • Recruiting highly qualified and competent teaching faculties. • Encouraging the faculty to pursue Doctoral degrees. • Promoting professional development of faculty by providing support to undergo refresher courses to equip themselves in using modern pedagogical tools. • Attend and organize National and InternationalSeminars/conferences and also to publish papers • Preparation of academic calendar well in advance before the start of the semester, considering Govt./University holidays, including specific dates for conduction of three Internal Assessments for theory and labs. • Planning co-curricular extra-curricular activities, student counseling during the semesters. • Subjects are allotted to the faculty members for the forthcoming semester immediately after the end of the previous semester looking into the faculty specialization, experience and workload. • Contact hours is maintained as per university scheme. • Faculty members adopt group discussions, relevant videos, seminars, mini projects, case studies, PPTs, real time examples, simulations, Quizzes, depending on the course and create the best learning environment for the students to make them think analytically Institutional Distinctiveness • Tutorial classes are conducted for analytical subjects or as suggested by the university curriculum. • Each class room is equipped with LCD projectors, furniture to have a conducive ambiance. • Institute has seminar halls and an auditorium with state-of-the-art facilities. • An excellent library with good number of books, journals and separate departmental libraries made available. • Career Guidance training programs are conducted for students to help them explore various career options. • Departments recognize toppers of every academic year and mementoes are given as a token of appreciation. • A Total Student Development Program (TSDP) Manual has been designed by the Institute under the guidance of the Principal and motivates the students and faculties to adopt new teaching and learning methodologies like Collaborative learning, Project based learning, Blended learning and Experiment based learning. The Entrepreneurship Development Cell (EDC) was started in October 2015 with the objective of empowering students with entrepreneurship skills and making them job creators instead of job seekers. In continuation with this, a need for a dedicated center to foster the Ideas into Products (I2P) was felt and this gave rise to the establishment of an Incubation cell at the Institution level.

Provide the weblink of the institution
http://vidyavikasengineering.com/NAAC/Criterion-07/7.3.1-Institutiona-Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

• To initiate new Techniques in developing the students to face Interviews. • Accreditation(NBA) of Five Under Graduate Programmes • Collaborations with industries for curriculum development, internships, student projects, skilling and product development. • Organizing workshops for students from industry experts. • To Organize State / National level Conferences, Paper Presentations project competition • To get permanent affiliation for all the programs from the affiliating University. • Create best class learning environment by introducing smart boards in each class room. • • Participating in NIRF Rankings 2020. • Strengthening alumni interaction and Research and Development activities. • Create facility for beyond syllabus. • Apply for various funding agencies for financial assistance • To further upgrade the Quality of Guest lecturers on current Topics and Emerging Trends • Encourage students to participate in Co-curricular and extracurricular activities • To Improve In-campus Placement