Yearly Status Report - 2018-2019

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://www.vidyavikasengineering.com

4. Whether Academic Calendar prepared during the year

	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.vidyavikasengineering.com

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	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
Industrial Visit to Kavery Hydro Power Plant and Solar Power Plant	27-Aug-2018 1	95
Guest Lecture on Industry 4.0	13-Oct-2018 1	61
CENTRE OF EXCELLENCE(COE)' set up by GTTC	01-Oct-2018 1	54
Workshop on Geophysical Resistivity Measurement	15-Oct-2018 1	59
Field visit to Karnataka Milk Federation	12-Oct-2018 1	57
Site Visit to Railway bridge	13-Oct-2018 1	56
Guest Lecture on Embedded Systems - Medical and biomedical Applications	22-Sep-2018 1	91
Google Mobile Developer Fest	25-Oct-2018 2	120
Talk on Artificial Intelligence in automated cars	09-Nov-	79

	2018 1	
Google Team visit	**11-Aug-2018 1**	**11**

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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
VVIET	**SPP 42 SERIES**	**KSCST**	**2019 90**	**25500**
VVIET	**NAIN**	**Department of IT & BT, Govt of Karnataka**	**2019 1095**	**12000000**
VVIET	**Student Project Funding**	**VTU**	**2019 90**	**25000**

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9. Whether composition of IQAC as per latest NAAC guidelines:	**No**
Upload latest notification of formation of IQAC	**No Files Uploaded !!!**
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	**View File**
11. Whether IQAC received funding from any of the	**No**

funding agency to support its activities during the year?

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

- **Increased Industry Institute Interaction**

- **Improved Outcome Based Education**

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

- **Skill development activities for students**

- **Internship for all students**

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

Plan of Action	Achivements/Outcomes
Industry Institute Interactions	·　　　To increase the awareness about the industry working. ·　　　To give students practical knowledge on different subjects.
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.
Enhancing Connectivity & Networking in the Campus	·　　　To keep pace with various pedagogical ways Institute has established Smart Classrooms .

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14. Whether AQAR was placed before statutory body ?　　Yes

Name of Statutory Body	Meeting Date
Governing council	10-Aug-2018

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	2019
Date of Submission	27-Feb-2019
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 Vidya Vikas Institute of Engineering and Technology affiliated to Vivesvaraya Technological University has governing Council constituted as per the norms of the University. This 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. The detailed process is given below: Academic Calendar -

The academic calendar of the Institution reflects various curricular activities planned during a semester/year which is based on the University calendar. 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 employability/entrepreneurship	Skill Development
PCB Design	PCB Design	22/07/2019	60	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
No Data Entered/Not Applicable !!!		

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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	01/08/2018
Mtech	PG	01/08/2018
MBA	PG	01/08/2018
MCA	PG	01/08/2018

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

	Certificate	Diploma Course
Number of Students	13	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
Guest Lecture on Embedded Systems – Medical and Biomedical Applications	22/09/2018	109
Guest Lecture on Physical Synthesis in VLSI Design Flow	13/10/2018	124
Talk on 'Role of Engineering Students in Nation Building'	20/11/2018	200
Guest Lecture on "New Discoveries and opportunities in 2D materials and devices"	06/07/2019	132
Guest Lecture on "HAM-Radio Communication"	12/04/2019	119
Training on Disaster Management	13/04/2019	150
Workshop on Student Leadership	14/04/2019	200
Workshop on "Optical Communication and Photonics"	15/03/2019	122

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Internship-Computer Science & Engineering	51

BE	Internship-Information Science & Engineering	45
BE	Internship-Electronics & Communications Engineering	120
BE	Internship-Electrical & Electronics Engineering	106
BE	Internship-Mechanical Engineering	55
BE	Internship-Civil Engineering	60
MCA	Field Project	3
MBA	Field project	51

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

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 the middle of

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	Computer Science & Engineering	60	49	49
BE	Information Science & Engineering	60	45	45
BE	Electronics & Communications Engineering	120	98	98
BE	Electrical & Electronics Engineering	120	87	87
BE	Mechanical Engineering	60	44	44
BE	Civil Engineering	60	41	41
MBA	MBA	60	59	59
MCA	MCA	30	10	10
Mtech	CAD for structures	18	14	14

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1801	187	107	14	8

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
109	109	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
1988	129	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
129	102	27	27	1

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Bindu A Thomas	Professor	Best IEEE Local Chapter
2018	Dr. Bindu A Thomas	Professor	Best Paper Award
2019	Dr. Bindu A Thomas	Professor	VTU Project Funding
2019	N Yogesh	Assistant Professor	VTU Project Funding
2018	Dr. M Ravishankar	Principal	Nandi Award
2018	Dr.Rajalakshmi M C	Professor	Judge in Conference

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	BE	I Sem	15/02/2019	30/03/2019
BE	BE	II Sem	12/07/2019	03/08/2019
BE	BE	III Sem	08/01/2019	23/02/2019
BE	BE	IV Sem	12/07/2019	03/08/2019
BE	BE	V Sem	14/01/2019	23/02/2019
BE	BE	VI Sem	04/07/2019	25/07/2019
BE	BE	VII Sem	05/01/2019	15/02/2019
BE	BE	VII Sem	04/06/2019	10/07/2019
MBA	MBA	I Sem	15/02/2019	30/03/2019

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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 a 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://www.vidyavikasengineering.com

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
M.tech	Mtech	CAD for Structures	18	18	100
MCA	MCA	Master of Computer Application	21	21	100

MBA	MBA	Master of Business Administration	50	46	92
BE	BE	Civil Engineering	60	59	98.03
BE	BE	Mechanical Engineering	55	52	94.55
BE	BE	Electrical & Electronics Engineering	106	106	100
BE	BE	Electronics & Communications Engineering	120	120	100
BE	BE	Information Science & Engineering	45	42	93
BE	BE	Computer Science & Engineering	51	49	96.08

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2.7 – Student Satisfaction Survey

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

https://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	180	KSCST	16500	16500
Projects sponsored by the University	180	VTU	25000	25000

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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
Guest Lecture on "Test and interpretation of test method of Insulator and their fitting as per IS731 and IEC660383 standards	EEE	27/10/2018
Guest Lecture on "Sensors Instrumentation"	EEE	21/05/2019
Panel Discussion on "Process control system vs safety system in the field of process automation"	EEE	10/11/2018
Tech Talk on "India in Space"	EEE	15/05/2018
Awareness Lecture on Center of Excellence set up by Siemens in collabaration with GTTC, Mysore	ME	01/10/2018
Workshop on optical communication and photonics	EC	25/09/2018
Skill development Training on comsol Multiphysics	EC	02/01/2019

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
Digital Multi Agro Robot	Gowtham S K and team	KIIT,Bhubaneshwar,Odisa	13/01/2019	Best Project
Emotion detection of brian abnormalities	Yashoda and Team	PA College of Engineering	20/04/2019	Project Idea

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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	21/12/2018

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
Physics	2

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	EEE	8	3.5
International	ECE	16	3.1
International	ME	4	0
International	Chemistry	11	0.58
International	Physics	4	0.32
International	CSE	15	0
National	ISE	6	0
International	ISE	6	0
International	CVE5	3	0

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
Mechanical	5

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
Development and characterization of natural hybrid composite using basalt and bamboo fibers	Dr. Keerthiprasad K.S	International Journal of Research and Analytical Reviews	2018	0	VVIET	Nill
Optimization Of Centrifugal Casting Process And Microstructure Study Of Al-Base Alloy Metal Matrix Composites- A Review	Dr. Keerthiprasad K.S	International Journal for Research in Engineering Application Management	2018	0	VVIET	Nill
Design of Highly Sensitive MEMS cantilever beam Using COMSOL Multiphysics	Dr. Bindu A Thomas	International Journal of Recent Trends in Engineering Research (IJRTER)	2018	0	VVIET	Nill
Design and Simulation of MEMS Based Directional Microphone for Gun Firing Detection	Dr. Bindu A Thomas	International Journal of Engineering Research Technology (IJERT)	2018	0	VVIET	Nill
Design and comparision of Piezo Electric High Pressure Sensor by using COMSOL Multiphyics	Dr. Bindu A Thomas	International Journal of Engineering Research Technology (IJERT)	2018	0	VVIET	1

Approximate Finite Element Analysis of Tibia Bone Model	Dr. Bindu A Thomas	Third International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT)	2018	0	VVIET	Nill
Comparison of wavelet based denoising schemes for gear condition monitoring: An Artificial Neural Network based Approach	Dr. N.S Sriram	IOP Publishing	2018	0	VVIET	Nill
Concentration of radon in dwellings of Hemavathi River Basin, Karnataka, India,	C Ningappa	Radiation Protection Dosimetry	2018	1	VVIET	1
Studies on Seasonal Variation of Indoor Radon, Thoron And Progeny Concentrations Around Hemavathi River Basin, Karnataka, India, Indian Aerosol Science and Technology Association, Aerosol Impacts: Human Health to Climate Change	C. Ningappa	Radiation Protection Dosimetry	2018	1	VVIET	1
Study of Mechanical and Tribological Properties of Carbon-Jute Reinforced Polyester Hybrid Composites	Sandeep.B	Applied Mechanics and Materials	2019	0	VVIET	Nill

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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
Study of Mechanical and Tribological Properties of Carbon-Jute Reinforced Polyester Hybrid Composites	Sandeep.B	Applied Mechanics and Materials	2018	28	Nill	VVIET
A survey on defect detection in bare PCB and assembled PCB using image processing technic	Anitha D B	Conference Paper	2018	1	3	NA

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	15	3	11
Presented papers	8	3	Nill	1
Resource persons	1	1	Nill	1

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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	3	38

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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

No file uploaded.

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

No file uploaded.

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

No file uploaded.

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 Linkage	EXTENSIVE SURVEY CAMP	LAWERANCE AND MAYO	28/02/2019	05/03/2019	63
Student Linkage	INTERNSHIP	SANKALP GROUPS CONSTRUCTIONS	09/07/2019	08/08/2019	7
Student Linkage	INTERNSHIP	YASH CONSTRUCTIONS	09/07/2019	08/08/2019	18
Student	INTERNSHIP	BUILDERS ASSOCIATION OF	09/07/2019	08/08/2019	35

Linkage		INDIA			
Student Linkage	Water Audit and Minimizing the Losses in oil Industry (Final year students)	KLUBER LUBRICATION PVT.LTD	02/04/2019	20/05/2019	4

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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	13/06/2019	Internship, Certification Guest Lectures	175
IPCA	30/07/2018	Internship, Technical Training and Workshops	7
ENTUPLE TECHNOLOGIES LTD	29/10/2018	Technical Training	2
CIPET, Mysuru.	13/08/2019	FDP, Higher Education, Internship, Projects, etc.	5
EntellCadEngg, Mysuru.	12/02/2018	Internship, Projects, etc.	5

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
30	24.44

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added

Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
Laboratories	Existing
Class rooms	Existing
Campus Area	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	31525	9631682	705	401224	32230	10032906
Reference Books	4169	1273629	118	67142	4287	1340771
e-Books	11002	Nill	Nill	Nill	11002	Nill
Journals	54	98905	Nill	Nill	54	98905
e-Journals	1700	100000	Nill	Nill	1700	100000
Digital Database	15	Nill	Nill	Nill	15	Nill
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

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	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
172	60.83	393	36.71

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://www.vidyavikasengineering.com

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	**MERITORIAL SCHOLOARSHIP**	**1**	**87000**
Financial Support from Other Sources			
a) National	**Nil**	**Nill**	**0**
b)International	**Nil**	**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
Personal Counselling	06/10/2018	45	HOD of VVIET
Soft skill development	14/09/2018	222	10 Seconds
Soft skill development	05/09/2018	234	Bizotic
Bridge course	02/08/2018	120	VVIET
Remedial coaching	03/09/2018	32	VVIET
Language lab	07/09/2018	220	VVIET

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Mentoring	25	20	5	5
2018	Pre Placement Training Program for 4th year BE Students of 2018-19	Nill	225	Nill	165

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof	Number of students	Number of	Nameof	Number of students	Number of

organizations visited	participated	stduents placed	organizations visited	participated	stduents placed
VVIET,Mysore	351	170	VVIET	191	37

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	BE	CSE	MSOIS, Manipal	M E Cloud computing
2018	1	BE	CSE	VVCE, Mysuru	Mtech
2018	3	BE	EEE	VTU PG-Regional Centre Mysore	Mtech
2018	2	BE	EEE	AMCE Bangalore	Mtech
2018	2	BE	EEE	VVCE,Mysore	M Tech
2018	2	BE	EEE	SJCE Mysore	M Tech
2018	3	BE	EEE	NIE,Mysore	M. Tech
2018	1	BE	CSE	SJCE, Mysuru	Mtech,SE
2018	1	BE	CSE	SJCE Mysore	M.Tech, N&TE
2018	3	BE	ECE	SJCE	M Tech

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GRE	2
TOFEL	2

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

Activity	Level	Number of Participants
Cricket	District level	650
Physical task	District Level	200
Laggori Deshi Games	District Level	450
Foot ball, Handball,Table tennis,Carrom,Chess	Institute Level	350
Spin Cup ,Cricket	District level	750
Foot ball, Recreation activity,Bio mechanical challenges,Yoga Table tennis,Carrom,Chess	Institute Level	350
Hit hit laggori	District Level	460
MIICT Tournament	District level	600

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Nill	Nill	Nill	Nill	Nill	Nill

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, 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 :

8

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)

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 VidyaVikas Educational Trust®, 2.Governing Council of VVIET, with Principal as member secretary 3.Principal 4.Dean(Academics) 5.Academic Coordination Council(ACC) (Council of HODs)

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
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
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
Human Resource Management	• Streamlined recruitment process • Academic Freedom for development – organizing FDPs, Conferences, Seminars, industrial visits, workshops etc
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
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
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
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
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.

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

E-governace area	Details
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
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.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. Shamala	Contact and non contact measurements	ISTE	500
2019	Ms Chaithanya	Contact and non contact measurements	ISTE	500

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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 professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

| 2018 | FDP on Bloom's Taxonomy | nil | 08/09/2018 | 08/09/2018 | 10 | Nill |

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Interactive Research Orientation Workshop	1	16/01/2019	20/01/2019	5
FDP on "Control Systems"	1	16/01/2019	19/01/2019	4
Training on "COMSOL Multiphysics Intensive Online training"	1	13/05/2019	17/05/2019	5
Workshop on "Machine Learning Insights Applications"	1	25/07/2018	30/07/2018	5
Workshop on "Analog Electronics Circuits"	2	06/08/2018	10/08/2018	5
NPTEL FDP on "Effective Engineering Teaching in Practice"	8	28/01/2019	22/02/2019	28

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
27	Nill	Nill	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	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	Subsidized transport facility canteen facility Free parking sports and

| technical staff who present papers /attend Conferences/Workshops/seminars within India are given the registration fee, TA DA | 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. | 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	NA

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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 Gestione, Open House project evaluation, seminars, 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 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
2018	Talk on Artificial Intelligence in automated cars	09/11/2018	09/11/2018	09/11/2018	79
2018	Site Visit to Railway bridge	13/10/2018	13/10/2018	13/10/2018	56
2018	Field visit to Karnataka Milk Federation	12/10/2018	12/10/2018	12/10/2018	57
2018	Guest Lecture on Industry 4.0	13/10/2018	13/10/2018	13/10/2018	61
2018	Industrial Visit to Kavery Hydro Power Plant and Solar Power Plant	27/08/2018	27/08/2018	27/08/2018	95
2019	TransiEEEnt Technical Talk Space Club Inauguration	15/05/2019	15/05/2019	15/05/2019	300
2019	Guest Lecture on Induction Heating And Application	23/02/2019	23/02/2019	23/02/2019	62

2019	Google cloud Jam	30/07/2019	30/07/2019	30/07/2019	50
2019	Industrial visit to Gas Insulated Substation and Vajmangala Substation, Bannur road, Mysuru	22/02/2019	22/02/2019	22/02/2019	85
2019	VRUDDHI-2k19	29/03/2019	29/03/2019	29/03/2019	150

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Woman's day Celebration	08/03/2019	08/03/2019	82	35

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

| 2018 | 1 | 1 | 22/08/2018 | 1 | Swachh Bharat | To clean the premises | 20 |
| 2019 | 1 | 1 | 20/02/2019 | 1 | Computers Literacy Program | To teach basic computer to govt school students, Mellahalli. Mysore | 12 |

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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	17/08/2018	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	15/08/2018	15/08/2018	290
Republic day	26/01/2019	26/01/2019	295
Women's Day celebration	08/03/2019	08/03/2019	117
Jallianwalla Bagh Massacre	13/04/2019	13/04/2019	53

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

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

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 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. Future Plans: The Long term goal/plan of the Institute Management is to obtain deemed university status so that these programs can be merged with the regular curriculum or can be conducted in lieu with reputed industries/organizations or Universities. Title of the Practice: Proctoring 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://www.vidyavikasengineering.com

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

The distinctive performance of the institute and the main objective of the institute which is aligned with vision of the institute is the excellence in education and research. Teaching - learning process is the main thrust area to achieve excellence in education. 1.Teaching and Learning The Management ensures effective and efficient teaching learning process by providing State-of-the-Art infrastructure conducive to intellectual growth and all round personality development Providing diverse opportunities by creating Wi-Fi facilities in the campus/hostels Recruiting highly qualified and competent teaching faculty Encouraging the faculty to do higher studies Promoting professional development of faculty by providing support to undergo refresher courses to equip themselves in using modern pedagogical tools. Pursue doctoral programs Attend and organize National and International Seminars/conferences and also to publish papers Academic Calendar well in advance before the start of the semester, considering Govt./University holidays. It includes specific dates for conduction of three theory Internal Assessments (IA), lab IA,co-curricular extra-curricular activities, student counseling. 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 The Faculty members adopt group discussions, relevant videos, seminars, mini projects, case studies, PPTs, real time examples, simulations, Quizzes, depending on the course and the situation create the best learning environment for the students to make them think critically. Tutorial classes are conducted for mathematical subjects. 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, digital library facilities are made available. Career Guidance training programs are conducted for students to help them explore various career options. As a result students have performed well in examination. 1.Research and Development The Institution is creating a very amiable atmosphere to the faculty members to involve themselves in research activities to face the challenges of the modern world. 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 publications and projects Eminent scientists and speakers are invited for talks Industry stalwarts are invited to interact with students and provide exposure to help them develop entrepreneurial skills 5 faculties completed their research program with deputation from the Institution, 48 have registered themselves for doctoral programs. Some of them are almost on the verge of completion of their Ph.D. Recognized research centre for CV, ME, EEE, ECE, CSE, MBA, Physics, Chemistry Mathematics Motivating them to attend seminars, workshops, refresher courses and International/ National Conferences Publication of papers in national and

international journals. Providing the facility of VTU consortium for subscription of online journals 1.Decentralization Empowerment through various committees. 2.Centre for Skill upgradation 3.Industry-Connect Cell 4. MOU with industry for skill up gradation Departments recognize toppers of every semester and mementoes are given as token of appreciation.

Provide the weblink of the institution
http://www.vidyavikasengineering.com

8.Future Plans of Actions for Next Academic Year

• 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 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 • Encourage students to participate in Co-curricular and extracurricular activities