Vedavyasa Institute of Technology
Quality Assurance Report of *IQAC*

(12 September 2020 to 11 December 2020)
15 Dec 2020

IQAC Chairperson: Dr Sangheethaa S.

IQAC Director: Dr Kavitha S. Murugesan

Internal Quality Assurance Cell

The Quarterly Quality Assurance Report (QAR) of the IQAC
For affiliated engineering colleges

(12th December 2020)

As there was no alleviation in the pandemic situation, online class continued in December. Contact class was set in December in view of minimal viral threat. Supplementary examinations were held in class-rooms.

PART A

Data of the Institution

Name of the Institute	Vedavyasa Institute of Technology, Karadparamba
Name of the Head of the Institution	Dr Sangheethaa S.
Designation	Principal
Does the Institution function on its own campus	Yes
Phone no	0483 283 2157
Mobile No	9446565077, 9747552961
Registered email	vvit@vedavyasa.org
Address	Karadparamba P.O. Malappuram District Pin Code 673 632, Kerala
City/Town	Ramanattukara (ii) 16 km from Calicut Railway Station
Institutional Status Affiliation	Has affiliation
Type of Institution	Co-education
Location: rural/ semi-urban/urban	Rural
Financial status	Private, self-financing
Name of the IQAC Convener/Director	Dr S. Kavitha Murugesan
Phone no	9061212493
IQAC email address	vvitofficialsheads@gmail.com
Web-site address	www.vedavyasa.org/vvit
Web-link of IQAC, QAR	https://www.vedavyasa.org/vvit/about.php#IQACCell
About Academic Calendar	It was prepared and uploaded in the web-site of the Institute. It has been largely followed.
Accreditation	None
Status of IQAC	Formed on 1-8-2019, and functional

Summary of academic activities that maintain and/or enhance quality standards.

IQAC

IQAC have informed faculty members of the need to follow University standards in academic course deliveries. The Cell carried out two academic audits during the three-month period. The audit report was sent to the University.

Learning Management System (LMS)

A learning management system was purchased by the Institute. Both teachers and students can access the LMS. Usage of LMS is spreading among faculty members and students. By the end of the semester complete usage is expected.

Universal Human Values

Value Education Cell has been formed. Many teachers attended the FDP on UHV. Fresh students attended three sessions on UHV. The Value Education Cell sends every month to staff and students an informative one-page pamphlet on the concepts of UHV.

Short-Term Training Programme

For the Institution, the Department of Computer Science and Engineering, CSI chapter conducted AICTE sponsored training programme for teachers: "An Induction Program for Young Teachers". The theme was providing technical education with relevance to societal needs. It was a full-day online programme set in two phases, from Nov 16 to 21 and Dec 7 to 12, 2020.

Delivery of Curriculum

Courses were delivered online. Google Meet, Google Classroom, Whatsapp platform were used to teach students. NPTEL materials were provided as additional learning materials. It was a University requirement to adjust online delivery to the needs of students. The needs of students on online delivery were perceived from (i) Monitoring of Heads of Departments, weekly (ii) student interaction, fortnightly (iii) Committee headed by the Principal. Contact class and practical laboratory courses have been set in December. Assessments were carried out online. Audit also pointed to improvement in delivery. As a result, remedial online sessions were arranged.

Teaching, Learning

The enrollment this year was 118, UG and PG. Teachers in service are 68 in number. Closer attention for students is possible. LMS has been introduced. Senior faculty advisor, faculty advisor help and guide students. There are regular Advisory Meetings with students.

Welfare Scheme: Fresh students are motivated with *'Vedavyasa Vignan Scholarship Scheme'*. Scholarships are classified according to marks of secondary education.

Workshops, Seminars, Webinars by VVIT

CSI, VVIT: CS Dept with 'Leap Info Tech Solutions':	*Machine Learning*	17 Oct 2020
CSI, VVIT: CS Dept	*Minor in Engg*	3 Sept 2020
CSE Dept with 'TIME'	*Recession Proof Career after B.Tech*	12 Nov 2020
CE Dept	*Construction Practices: The Key for Concrete Practices*	6 Nov 2020

CE Dept: BIMLABS Pvt Ltd	*Project Orientation Training*	11 Nov 2020
CE Dept:	Panel Discussion: *Advances in Environmental Engineering and Research*	6 Nov 2020

Community Service

(1) Students and staff designed and fabricated a mobile UV chamber and donated it to Calicut Medical College. Articles kept inside the chamber will be freed from viruses with the action of the ultraviolet rays. (2) Engineering education aspirants were offered a service online with tips to taking the engineering entrance test and to carry out online registration for engineering programme. (3) With the formation of VVIT G9 ENSAV Club, activities towards realizing United Nations Sustainable Development Goals through GREEN 9 Energy Saving Awareness Club, fetched GREEN9 Premier Ensav Club Award 2020. The service consists of student-visits to homes to explain ways to save energy. (4) Awareness on better mental health on World Mental Health Day, Oct 10, was propagated online with FB post.

IT Infrastructure

There are 210 desktop computer systems in two laboratories. Internet service is provided by BSNL (BSNL LL, BSNL NMEICT) with a bandwidth of 40 Mbps. There is a fair degree of office computerization.

Student Support

Fresh students of this year participated in six-day Induction Programme. Yoga, meditation, value education, motivation and other relevant aspects were presented. Remedial coaching, and other academic assistance are offered to students. There is a mentoring system that faculty advisors engage with students. Needy students are referred to Student Welfare Committee. A Student Guild has been formed this year. Sports and Games are encouraged. Campus placement took place despite the pandemic. An MOU has been made with 'Crampete Pte Singapore' for enhancement of e-learning.

Student Induction Programme: e-SIP. The Institute, along with the University scheduled an Induction Programme for fresh students. The programme consisted of inspirational talk, yoga & meditation, introduction to engineering and others of relevance. The programme was intended to ensure a smooth transition to higher education and preparing them for success.

Placement for MTech graduate was facilitated. The civil engineering post graduate was absorbed by PM Constructions.

Alumni Engagement

Alumni Association has 212 registered alumni. They donated Tab and TV for online class to a nearby school. Meetings with alumni take place.

Implementation of e-governance

Online admission is facilitated through links in College web-site. A rank-list is prepared for student admission. Staff administration has biometric scanning, and software usage for salary, and 'Tally' ERP 9.0 aids in income and expense accounting and for generation of reports. Examination functions under KTU e-governance.

Library Service

It is fairly well equipped to serve students. There are 7553 titles in all the engineering branches, engineering economics and management, and general subjects. The number of volumes is 22209. The number of e-books (EBSCO) is 6406, and number of e-journals (EBSCO) 926. National journals in print are 54. The open-source integrated library system *Koha* is in use in the library.

College Bodies

Governing Council, College Council, Student Guild, College Sports Council, Parent-Teacher Association, Alumni Association. These Bodies have been formed this year to help in the development and smooth unfolding of college operations.

University Exam Results (2020)

Semester 8	All Pass	CGPA:8.5	CGPA 7.5 to 8.5	failed	Pass %
CS	24	2	5	1	96%
CE	27	6	14	2	93%
ME	11	--	--	2	85%
EE	3	2	0	1	75%
EC	5	3	2	0	100%

Graduation of Batch 2016-2020

CSE: 9/25   CE: 12/29   EEE: 2/4   ECE: 2/5   ME: 2/12

Total graduates: 27 / 75

Percentage of engineering graduates: 36%

Faculty Development -Institute Initiative

Faculty members of the Institute deliver a talk on a topic of current relevance every week. At present the talk is presented online. All faculty members attend the talk. Not only does this event help faculty members keep abreast of state-of-the art knowledge but it also affords self-development.

Extra-Curricular Activities

On the occasion of World Student Day, October 15, the Institute conducted an online 'Student Day' Logo quiz featuring prizes for best answers, and 'Guess the Song' event. Students were invited win prizes by sending in their ideas on 'Logo' for Value Education Club on UHV.

Civil Engineering Association arranged 'Poster Design Competition' on the theme of 'Sustainable Development', for students.

'Cube Contest' put in place by Civil Engineering Association drew participation from other engineering colleges. A good number of students participated. Cash prizes were offered to winners.

EEE Department was instrumental in arranging District Level 'Power Quiz' organized by KSEB Officers' Association. Winners among student participants were awarded.

Industry Connection

Civil Engineering Department offered consultancy on cube test.

(MOUs):The Institute has made agreement with a few Industries as shown: Industries:

Keltron:	For development of employment skills among students
BIM Training Centre:	Technical training for students.
MAGNIFEZ:	Proficiency enhancement in website development and Programming.
CIVILIANZ:	Training for competitive examinations for higher education and employment.
DH Academy	Development of employment skills.

Faculty Enrichment

Alongside academic duties, faculty members also attended, webinars, online FDP, seminars.

5-day FDP: UHV Online Workshop- on Universal Human Values. (AICTE).

Machine Learning (in-house, CSE Dept, with CSI Chapter, VVIT).

IGEN GREEN9 SDG (Sustainable Development Goals) CONCLAVE 2020- ENsav club VVIT unit.

"A Hands -on Approach for Design & Implementation of Digital Circuits using Open-Source Computer Aided Design (CAD) Tools: AICTE Six-day online STTP.

AICTE Training and Learning (ATAL) Academy Online FDP on "Photonics".

Seminar on NEP-2020 (in-house seminar, UBA activity).

Induction Program for Young Teachers: AICTE sponsored STTP Program.

NEWS LETTER

Every month a news letter is released in college website and it is also released in official facebook page of college. The news letter carries details of events happened in a particular month.