

Vedavyasa Institute of Technology

Internal Quality Assurance Cell (12 /12/ 2020 to 11/3/ 2021)

Quality Assurance Report of IQAC

IQAC Chairperson:

Dr Sangheetha S

IQAC Director:

Dr Kavitha S. Murugesan

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

(12th March 2021)

Class was resumed partially in January 2021. Seventh semester class recommenced. Later class for lower semesters also began. First semester class was still in the online mode. By March, class of all semesters was on campus. Seventh semester university examination started in February. The threat of virus spread has not completely vanished even with the introduction of vaccination scheme.

PART A

Data of the Institution

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|---|---|
| Name of the Institute | Vedavyasa Institute of Technology, Karadparamba |
| Name of the Head of the Institution | Dr Sangheetha 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 | vvitofficialsheds@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 | New academic calendar released by the University was followed. |
| Accreditation | Effort for accreditation is under way. (one program) |
| Status of IQAC | Formed on 1-8-2019, and functional |

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

During the last three months, IQAC, acted to maintain and raise quality standards in the operations of the Institute. Meetings were set among the members of IQAC, to assess if standards of quality were being adhered to. Options were discussed for moving to a higher level of quality. The process is under consideration.

Relevant activities impinging on quality, during this period, are given below.

IQAC

The salient points discussed in meetings of this Cell:

To improve the standard of assignments, where students will have to refer online e-journals/e-books

To encourage faculty members to publish paper in referred journals.

To continue supporting teachers to attend FDPs/ Workshops related to their field of expertise sponsored by AICTE/KTU/others

To provide smart classrooms for all years in a progressive manner.

To continue conducting periodic webinars/seminars to teachers/students by inviting eminent professors from IITs/NITs

To conduct OBE classes regularly to motivate all departments to prepare themselves for NBA.

Tech Talk

Aimed at keeping abreast of developments in engineering and technology, the Institute conducted in-house Tech Talk sessions. Talks were delivered by faculty members. A few students also presented talks. The twenty-to-thirty-minute talk session was held on a weekly basis. It began with speaker-to-audience face-to-face session, but moved to online mode due to the pandemic. These talks are uploaded in Youtube and Facebook.

Impact: Faculty members of all departments derive benefits as they are familiarized with developments in engineering and technology outside of their domain. Students, when they make presentations, go through supplementary modules that bridge curricular gaps. Both listeners and speakers find such sessions useful.

Extra and co-curricular activities

Science quiz competition and a quiz competition in connection with computer science education week offered students opportunity of participation which can help students build skills like problem-solving under pressure, working with confidence, ability to listen, understand and communicate and the like which are skills that industries need. This is an instance of 'content beyond syllabus', delivered to students.

To mark the 'National Youth Day', students participated in an online quiz contest. It is a challenge to students pointing out the need for knowledge acquisition in a rapidly changing technologically driven world.

Professional Body activities: Webinar on 'Anatomy of Concrete' for civil engineering students was explicated by Shyju Nair, CEO, DH Academy and arranged by Civil Engineering Association & ICI VVIT Chapter.

Another like learning opportunity was an interactive session on 'Pile Foundation: Design Practice, Problems and Remedial Solutions' by Prof Chandrakaran, NIT Calicut. It was arranged jointly by the Civil Engineering Association and ICI Chapter of VVIT.

The **Industry-Institute Interaction Cell** informed students with formal sessions about the goals of the Cell—seeking a partnership with Industries to supplement additional learning for students.

The Cell with CSI unit of VVIT hosted the talk of a successful innovator, ‘My Story’ as a means of motivation for students. The duo invited an alumnus, Neeraj R. K. who runs a successful IT business, to make a presentation on ‘Entrepreneurship and Innovation as Career Opportunity’.

The Institute-Industry Cell emphasized conserving the environment when it arranged a webinar titled ‘Towards Zero Waste’, thus reminding both staff and students the urgency of the subject.

A Panel discussion on “ Accountability of online examinations” was conducted for the teachers of Vedavyasa Group of institutions, It brought out the points for and against the online examination system. It was conducted as part of the CSI Chapter activity.

Club Activities :

National Road and Safety Club VVIT arranged an informatory session on ‘Self Discipline on Road Saves Lives’. The President, National Road Safety Organization, India presented the webinar.

MoUs Signed:

Value-addition course was introduced with an MOU with CADD Centre that will train fresh first semester students on ‘Autocad’.

Placement and Training MoU with Hireme for 30 students from various disciplines and semesters.

Teaching, Learning

Teachers training:

To facilitate conduct of online class a lecture session on ‘Using ‘Jamboard’ in Google Meet for interactive class’ was presented.

A workshop on using LMS, ‘Vedavyasa App’ was arranged. Teachers found these helpful with their class delivery.

As part of ‘outcome based education’, and for faculty enrichment a workshop on CO-PO mapping was held for teachers.

Career Opportunities

Placement and Career Guidance Cell hosted a webinar on career opportunities for students. The speaker, Dinesh Kumar V, the Key Accounts Manager, Hiremee, Kerala, being in the very business of hiring was more than able to offer useful pointers on seeking a productive career.

Alumni Association Activity

Alumni Association took the initiative in arranging a farewell to graduates of 2016-2020 batch. These alumni were informed of the importance of Alumni Association and they were invited to be a part of it to support the Institute in ways they could.

Building Virtual Learning

The online instruction of the past months moved the College to make a beginning in virtual learning. Lecture coupled with demonstration of conducting experiments in Lab. were videographed, involving practical courses of the curriculum and posted in youtube and facebook.

Sponsored Activities sanctioned

1. Grant for Organizing Conference is sanctioned by ACITE for the academic year 2020-21. It is planned to conduct in the month of July 2021. CSE department has applied and got the grant sanctioned.
2. Sanction is granted to conduct FDP by KTU for the academic year 2020-21. It is planned to conduct it in the offline mode in the month of July 2021.