



Quality Assurance Report of IQAC

(July to September 2022)

IQAC Chairperson: Dr Sangheetha S.

IQAC Director: Dr Kavitha S. Murugesan

Internal Quality Assurance Cell

The Quarterly Quality Assurance Report (QAR) of the IQAC

For affiliated engineering colleges

The academic activities were conducted in offline platform following the Covid protocols during the last 3 months. S2, S4, S6 and M.tech examinations by KTU were continuing during August and September for our college and external lab exams were conducted for S4 and S6 semesters following the regular guidelines along with COVID protocols. Eighth semester results were announced by the university during the month of August. Third, Fifth and Seventh semester classes started during the month of September.

Data of the Institution

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.

Previous QAR submitted : For a period of 1 year Consolidated Annual report was submitted in July 2022.

IQAC meeting

Number of meetings conducted in last 3 months: 2

Important decisions taken :

1. The auditing dates for monitoring the proper conduct of classes were fixed and internal audit of the even semester courses were done during the month of August, 2022.
2. Methods to improve the university results were analysed and steps to improve the results were discussed and implemented.

Recognition

- Laptop distribution to the meritorious students of Vedavyasa Institute of Technology under APJ KTU Digital Divide Scheme was done by Sri T.P. Vasudevan Master, President, Vazhayoor Panchayat on 20 July 2022 from the campus.
- Students from final year civil engineering successfully completed the AICTE Amrit Mission Sarovar Internship worth 2 lakhs and their poster was shortlisted.
- Dr. Arun Korath, Director, VVIT published a patent on Method and Apparatus for Face Recognition using Artificial Intelligence.
- Dr. Vinoth Khanna , HoD, Dept. Of Mechanical Engg., published a patent on Innovative Method for monitoring of rigid pavement in bike path.
- Dr. Vinoth Khanna , HoD, Dept. Of Mechanical Engg., published a patent on Design and Development of GSM based sub station Monitoring and Control.
- Dr. Vinoth Khanna , HoD, Dept. Of Mechanical Engg., published a patent on Self Diagnosis of Liver disease Symptoms using machine learning.
- Dr. Kavitha S. Murugesan, HoD, Dept. Of Computer Science & Engg., published a patent on 4G/5G Technology Based Smart Antennas for Smart Phone App Using Artificial Intelligence, WSN and Multimode Methods.
- Dr. Sangheetha S., Principal, VVIT published a book on Understanding Internet of Things: Designing, Applications, challenges and Solution.
- Dr. Arun Korath, Director, VVIT published a book on Total Quality Management Concepts.

Activities to fill Curricular Gap / Activities as part of MoUs signed

- MoU was signed between VedaVyasa Institute of Technology and Red Team Hacker Academy on 23rd Aug 2022. MoU Signing Ceremony was presided by Dr. Kavitha S Murugesan, HoD, VVIT CSE and Mr. Ajal Satheesh and Mr. Aswin, RedTeam Hacker Academy. The event was also graced under the presence of Dr. Periasamy C, HoD ECE, Dr. Somi Sebastian, HoD, S&H, Mr. Narayanan T, AO and staff Coordinators Ms. Ranjana C and Ms. Sruthi CK.
- A program on Cyber Awareness for students was conducted on 19th September 2022 at VVIT at 10:30am by Dept of CSE in association with RedTeam Hacker Academy and Cyber Society Of India, under the support of Vice Principal Dr Kavitha S Murugesan (HOD CSE). The resource persons Mr Amal Lal (Cyber security consultant), Mr Ajal Satheesh - Regional Marketing Manager and Mr Ashwin - Senior Marketing Coordinator from RedTeam Hacker Academy and CySI unit spoke about

hacking, presented real time scenario of wifi hacking and familiarize the importance of certification in real time projects and personal applications. Beneficiaries along with CSE faculty and 70 students attended the program.

- Department of Civil Engineering in association with ICI Calicut centre conducted a weekly lecture on Skill development by M.tech students and Alumni. Er Abdul Latheef, chartered Civil Engineer, D & E Architects gave a lecture on "First Site visit Requirements and Assessments" on 30th September 2022 at VVIT Seminar Hall

Activities by Professional Bodies

- A program on Cyber Awareness for Woman was conducted on 31st August 2022 at Vazhayoor Panchayat office at 10:30am by Vedavyasa Institute Of Technology, Dept of CSE, under the support of Vazhayoor Panchayat President Mr.Vasudevan Master. The program was inaugurated in the presence of panchayath members Mr.Roopesh, Ms .Suja by Chairperson Ms.Beena. The program commenced with a prayer song, welcome speech was given by Ms.Shibi B AP CSE, felicitation given by Dr.Kavitha S Murugesan (Vice Principal & HOD Dept of CSE).The Panchayath women community 100 people attended got benefited along with faculty of CSE, UBA and NSS coordinators by the program. The event was found beneficial to the women participants. Resource Persons were Mr.Adarsh and Mr.Aswin from RedTeam Hacker Academy in association with CSI VVIT chapter for the awareness session
- Department of CSE in association with CSI Chapter VVIT organized a Webinar on the topics "MALWARE DETECTION IN WINDOWS EXE" and "AN OPTIMIZED RESOURCE USAGE IN CLOUD COMPUTING BY RR AND ABC ALGORITHMS" as a part of Spread the Knowledge Series. Talks were presented by PG Research Scholars Ms. Nirja Das Vineesh and Ms. Aswathi NK on 10th August 2022.
- Technical Quiz was conducted by Dept of CSE and CSI VVIT Chapter as a part of National Engineers Day. Mohammed Alfridi K-S3CSE and Prathewl M- S3 CSE, GouthamKrishna K- S3 CSE, Jadeer KP- S3 CSE secured the prizes.
- As a part of engineer's day, the department of civil engineering in association with ICI Calicut Centre and IGBC, Kochi Chapter conducted CIVISTA - a programme for felicitating Eminent young engineers from the department (2019, 2020 & 2021 pass out batches). Chief Guest was Er. Sajith Bhaskar, Secretary, ICI Calicut Centre, Presidential address was given by Dr. Kavitha S. Murugesan, Vice Principal, VVIT, Felicitated Engineers were 2019 passouts Sachin C.K., Anaswara, Athul Shyam, 2020 passouts, Venika N., Ananthakrishnan RK, Sreelakshmi Babu, 2021 passouts, Amaldev, Adwaith, and Vidhya Venugopal (M.Tech 2020 passout).
- C Code Chef Competition was conducted by department of CSE, in association with CSI VVIT, ACM VVIT CHAPTER on September 30th 2022.

IIC Cell Activities

- VVIT's Institution's Innovation Council (IIC) in association with National Institute of Technology, Calicut presented a Mentoring Session on "Lean Startup & Minimum Viable Product/Business" on 27th July 2022 @11:30am under Mentor-Mentee scheme of MIC. Dr. Deepthi Bendi, NIT, Calicut delivered a session on this.
- Faculties of VVIT attended the online session on YUKTI - NIR: Guidelines and Steps for Building Innovation Repository at Institution Level as part of the

- Institution's Innovation Council (IIC) Portal – MoE's Innovation Cell
- An IIC Regional meet Kochi 2022 was organized by Ministry of Education & AICTE at KMEA Engineering College on August 6th 2022. Dr Kavitha S Murugesan HOD Department of CSE, Mr Jithin Vijay technical instructor, Department of Mechanical Engineering, and two students of VVIT participated in the event.
- An online meeting of Dr Nirmaljeet Singh Kalsi, Chairperson, National Council for Vocational Education and Training(NCVET) with Vice Chancellors of Technical Universities and Director of state technical boards for consultation on National Credit Framework(NCrF) was conducted on Tuesday, 23rd August 2022 at 04:00 PM. Faculties of VVIT had attended the online meeting via webex.
- VVIT's Institution's Innovation Council (IIC) on the occasion of World Entrepreneurs Day had organized by IIC Coordinator: Dr. C Periasamy, IIC President and special Talks was conducted on "How Engineers can become Entrepreneur?" by Dr. Somi Sebastian, HoD, S&H, VVIT. "Developing Online Repository of Start-Ups developed/Incubated and Way Forward Plan" by Dr. Kavitha S Murugesan, HoD, CSE, VVIT on 23-08-2022 @ Seminar Hall, VVIT.

Placement Cell Activities

- Mega Job Mela 2022 was conducted at Vedavyasa Institute of Technology Karadparamba on 23rd July 2022. Almost 50+ companies' takes part in this event and 800+ candidates participated in the Mela. Management, Faculties, Non-teaching staffs, Student co-ordinators worked hard for the success of this event.

Techtalks/Seminars by teachers

Techtalks are given by teachers on a latest topic in there area of interest, every week on Wednesdays. In the last quarter the following were done.

- Water Technology by Dr Nimmy John V HOD, Department of Science and Humanities on July 6th, 2022
- Components of Road by Ms. Vyshna K Assistant Professor, Department of Civil Engineering on 13th July, 2022
- Metaverse Technology by Ms. Fasna K Assistant professor, Department of Computer Science Engineering on 20th July, 2022
- Waste Transfer Station by Mr. Sreejith C Assistant professor, Dept. of Civil Engineering on 27th July, 2022
- Eddy Current Brakes by Ms Surabhi KC Assistant professor, Department of Electrical and Electronics Engineering on 3rd August, 2022
- Virtual Reality and Augmented Reality in Construction by Ms. Amal Mohamed Assistant Professor, Department of Civil Engineering on 10th August, 2022
- Market Segmentation by Ms. Megha P Assistant professor, Department of Science and Humanities on 17th August, 2022
- Virtual Reality by Ms Shibi B Assistant professor, Department of Computer Science Engineering on 24th August, 2022
- Liquid Penetrant Testing by Mr Abhiram K Assistant professor, Department of Mechanical Engineering on 31st August, 2022
- Biomedical Application of PVA Based Hydrogels by Ms. Sruthi Viswanadh.TV Assistant Professor, Department of Science and Humanities on Sept.7th, 2022
- Introduction to GO Programming Language by Ms. Sruthi CK Assistant professor, Department of Computer Science Engineering on Sept. 14th, 2022
- Post CMOS Computing by Mr Somi Sebastian, HOD, Department of Science and Humanities on Sept. 21st, 2022

- Nanodielectrics by Ms. Noofa Sayed, Assistant Professor, Department of Electrical and Electronics Engineering on Sept. 28th, 2022

Student Activities

- Department of Computer Science Engineering conducted an Industrial Visit at Tech firm Techoriz Digital Solutions office campus on 22nd July 2022. Head of the Department, Dr S Kavitha Murugesan along with the Faculty Ms. Shruthi took the lead with total of 23 students who participated in the session that went over the office campus situated at Govt. CyberPark.. Rayees Koodatt (CEO), Rafseena (HR), Anoop Mathew (Project Head), Satish (Content Writer) and all the employees of Techoriz Digital Solutions were present at the event.
- Magazine by First Year Students was released and handed to Dr Sangheethaa S, Principal VVIT on 20th July 2022 by Dr Nimmy John V, HOD Science and Humanities Department, VVIT.
- Department of Electrical and Electronics engineering conducted a one day industrial visit to KSEBL 220KV substation, Nallalam on 29th September 2022 in association with VVIT IEEE and Ensav Club
- Department of Civil Engineering successfully completed the Jal Dharohar Sanrakshan Internship as a part of Mission Amrit Sarovar under the guidance of Ministry of Education and Ministry of Housing and Urban Affairs. The internship focussing on rejuvenation of Kannadipuzha, Palakkad Dst. with a funding of Two Lakh Rupees was carried out by students of sixth semester under the guidance of nodal officer Mrs. Divya K.K., Head of the Department, Mrs. Bhagya G. and Mrs. Amal Mohammed, Asst. Prof., Dept. Of Civil Engineering.

KTU Results

S8 Pass % 2018 admission results were released by KTU

- Civil : 100%
- EEE: 100%
- CSE: 60%
- ME: 17%

S5 Pass % 2019 admission results were released by KTU

- Civil : 58%
- ECE: 40%
- CSE: 21%
- EEE: 16%
- ME: 14%

PTA Meetings

PTA meetings were conducted class wise- to inform the exam dates and sharing the progress of students.

Social Outreach Activities along with UBA/ NSS

- 75th INDEPENDENCE DAY was celebrated by Vedavyasa Group of Institutions by organising various technical sessions and awareness campaigns conveying the message of patriotism.
- As a part of anti drug campaign, NSS Unit in association with UBA VVIT conducted a Drug Abuse Poster Competition 2022 on Sept 30th 2022.

Academic progress

- Classes were conducted in offline mode following the Covid protocols. University results of S8 was published during August.
- End semester examinations were conducted by the university and all the B.Tech and M.Tech exams ended during the month of September.
- S7, S5 and S3 semesters started on 13th, 19th, and 11th September 2022.
- External lab exams were conducted in a good manner for S4 and S6.
- For proper monitoring of the conduct of the courses, every month the HoD submits a report of offline classes showing the portions completion status, regular absentees if any, grievance if any received from students etc and the report is verified by the Principal.
- The series tests were conducted as per norms in offline mode. Question papers were scrutinized by IQAC Team. Schedule of submission, verification of question papers etc. are given by IQAC and it is followed by all Departments.
- Only the Holidays declared by KTU were given as holidays including study holidays. All other days were used as instructional days.
- Series test marks of S8, S6, S4 and S2 were informed to parents and students. Series test marks along with attendance percentage was published to them in whatsapp groups and parents were informed through parents meetings.

Co-Curricular/Extra-curricular Activities

- Farewell Party and Award distribution ceremony was organized on 20th July 2022 for the 2018 batch students of VVIT. The Event was inaugurated by Sri TP Vasudevan Master, President, Vazhayoor Panchayat. Prize distributions to the winners of various competitions were done. Students and faculties of VVIT performed singing and dancing added color to this event. Passing out students were given interesting tasks, to perform. They also shared memorable moments from their college life.
- Vedavyasa Family Get-together was conducted on 30th July 2022. Fun activities and cultural programs were conducted. Staffs and their family members were participated in the function and ends up with a Music band.

VEDAVYASA INSTITUTE OF TECHNOLOGY

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Affiliated To AICTE, APJAbdul Kalam Kerala Technological University , And Govt. Of India