



# **Quality Assurance Report of**

## **IQAC**

### **(April to June 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. S1, S3, S5 and Mtech examinations by KTU were continuing during April for our college and external lab exams were conducted for S4 and S6 semesters following the regular guidelines along with COVID protocols. Eighth semester classes continued in offline mode upto June 4<sup>th</sup> and lower semester S2, S4 and S6 classes started during April, 2022.

### **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	<a href="mailto:vvit@vedavyasa.org">vvit@vedavyasa.org</a>
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	<a href="mailto:vvitofficialsheads@gmail.com">vvitofficialsheads@gmail.com</a>
Web-site address	<a href="http://www.vedavyasa.org/vvit">www.vedavyasa.org/vvit</a>
Web-link of IQAC, QAR	<a href="https://www.vedavyasa.org/vvit/about.php#IQACCell">https://www.vedavyasa.org/vvit/about.php#IQACCell</a>
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 January 2022.

**IQAC meeting**

Number of meetings conducted in last 3 months: 2

Important decisions taken :

1. An audit of the laboratory courses were conducted by the IQAC co-ordinators for the smooth conduct of the laboratory experiments.
2. The question papers for the series exam of S2, S4, S6 and S8 were scrutinized by the Dept. IQAC team for Bloom's level and final checking to be done by the college IQAC team.

**KTU External Audit**

- External audit was conducted on 16<sup>th</sup> June by two external auditors and the audit report is available in the following link  
[http://vedavyasa.org/vvit/admin/public/uploads/iqac/iqac\\_22.pdf](http://vedavyasa.org/vvit/admin/public/uploads/iqac/iqac_22.pdf)

**Commendations**

- ICT Academy conducted an ICTAK Academia Meet up Program on 23rd May 2022 at UL Cyber Park Kozhikode. The theme of the Meet Up was "Bringing together Industry, Academia and Government". Representatives from various companies participated in this program and shared about various activities that could be organized for student as well as faculty upliftment. Vedavyasa Institute of Technology was represented by Dr. Kavitha S Murugesan and Ms. Silpa AK from CSE department.
- Prof. Balakrishna Pillai., Professor, Dept. Of Electrical & Electronics Engg., attended FDP on Green Energy technologies for sustainable Development at SCMS school of Engineering and technology from 23<sup>rd</sup> to 27<sup>th</sup> May, 2022.

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

- Vedavyasa Group of Institutions (Department of Civil Engineering and Architecture) and In association with ICI IGBC conducted a Building Exhibition on 6th & 7th May at Kakkancherry, Malappuram, Kerala. The stalls were set up by Ramco Cements and various construction professionals having expertise in their respective areas - Building Materials, Consultants, Testing laboratories. The Building Expo was inaugurated by Shri. Abdul Hameed, MLA Vallikkunnu on 6th May, 2022.
- Dept of EEE in association with EnSav Club & CSI conducted a one day Workshop on IoT based weather monitoring for the students of S4 & S6 EEE & ECE students. It was organized by Pibots on 10<sup>th</sup> May 2022. Resource people were Mr.ANOOF C, CTO, Pibots and Mohammed Swalih T,COO, Pibots
- Department of Civil Engineering in association with ASCE, ICI Calicut Centre and IGBC Kochi Chapter conducted a webinar on seismic performance assessment of steel framed structures on 27/06/2022. The resource person was Dr. Muhamed Safer Pandikkadavath, PhD, Asst. Professor, Department of Civil Engineering, National Institute of Technology Calicut (NITC). This session was conducted via Google Meet.

### Activities by Professional Bodies

- Department of Mechanical Engineering in association with Indian Welding Society Student's Forum organized a webinar on "Advanced Metallurgy and its Role in Engineering" on April 8<sup>th</sup> 2022. Resource Person was Mr. Vinoth Kanna – Associate Professor of Mechanical Engg. Dept.
- Department of Mechanical Engineering in association with Indian Welding Society Student's Forum organized a webinar on "Advanced Welding Techniques" on 8<sup>th</sup> April, 2022. Resource Person was Mr. Vinoth Kanna – Associate Professor of Mechanical Engg. Dept.
- Department of Mechanical Engineering in association with Institution of Engineers India Collegiate Club VVIT organized a webinar on "Renewable Energy Resources & its Application" on 12<sup>th</sup> April, 2022. Resource people were Mr. Vysakh KV and Mr. Kiran Murali – Assistant Professor, Dept. Of Mechanical Engineering.
- Department of Computer Science Engineering in association with IEEE organized Out of the BLUE 2.0 and Membership Drive Orientation Program for newly formed SB's on 23<sup>rd</sup> April 2022
- Dept. of Civil Engineering in association with ICI Calicut Centre, IGBC, Kochi Centre and NDLI club conducted a campaign on April 22<sup>nd</sup> for celebrating World Earth Day
- INNERVE '22 Technical Expo organised by Vedavyasa group of institutions in association with ICI calicut centre and IGBC cochin centre was successfully launched on 22<sup>nd</sup> April, 2022. Flash mobs were conducted in accordance with the promotion of the expo.
- Dept of Computer Science Engineering in association with EnSav Club & CSI conducted a one day Workshop on IoT based weather monitoring for the students of S4 CSE batch organized by Pibots on 11 May 2022. Resource people were Mr. ANOOF C, CTO, Pibots and Mr. Mohammed Swalih T, COO, Pibots
- Department of Computer Science Engineering in association with ACM organized a Distinguished Speaker Program (DSP) on the topic "Artificial Intelligence and its Applications" on 26<sup>th</sup> May 2022. Resource person was Dr. Nandhini SS, ACM Distinguished Speaker, Assistant Professor, Bannari Amman Institute of Technology
- Department of mechanical engineering in association with SAE INDIA organized a webinar on "Electromagnetics Applications for Aerospace and Defense" on 25<sup>th</sup> May 2022. Resource person was Mr. Vaibhav Adhikar, Application engineer II COSMOL.
- The Department of Mechanical Engineering at Vedavyasa Institute of Technology, in collaboration with the "Indian Welding Society Students Forum," hosted a webinar on "CrMo Steel Developments for Boiler Applications," by Er. S. Singaravelu, Consultant, Kobelco Welding India Pvt. Ltd., and Former Additional General Manager, BHEL, Trichy.
- Mechanical Engineering Department of VVIT in association with SAE India is organised an Internship Orientation Session on Injection Moulding: Theory, Parameter Settings & Troubleshooting on 19<sup>th</sup> May 2022. Resource Person was Mr.

Sarath RS, CIPET, Palakkad

- Department of Electrical and Electronics in association with Department of Civil Engineering, organised “Planting a sapling- Vanamahotsavam” in order to mark the environmental day celebrations on June 3<sup>rd</sup>, 2022.
- As a part of “World Environment Day” Civil Engg. department in association with Indian Green Building Council (IGBC) organized a campaign “Stand to Save” on 5th June 2022, Sunday by planting a tree at home
- Department of Civil Engineering in association with ICI Calicut Centre and IGBC Kochi Chapter had conducted a webinar on “Current trends in Geopolymer concrete” by Dr A. Chithambar Ganesh, Associate Professor, Sree Vidyanikethan Engineering College, Andhra Pradesh on 10/06/2022.

#### **IIC Cell Activities**

- Institution’s Innovation council celebrated World Intellectual Property Day on 26th April, 11.00 am by presenting a seminar on “An Awareness Program on Intellectual Property For Young Engineers”. Resource person was Dr. Kavitha S Murugesan, HoD, Dept. Of Computer Science Engineering
- Institution’s Innovation council organized a Session on plan/prototypes developed and Way forward Plan” by Dr. Vinoth Khanna, Associate Professor & HOD, Dept. Of Mechanical Engineering
- VVIT's Institution's Innovation Council (IIC) organized a Session on Innovation / Prototype Validation -Converting Innovation into a Startup” on 29-06-2022. Resource people were Mr.Rashid E, Founder, HILSAL Industry, Calicut & Mr.Rashid KM, Marketing Manager

#### **Placement Cell Activities**

- Students of Civil engineering, Abhirami P.S., Amaya T.S., Anusree K., Jishna K., (2018 Batch) were placed in different structural consultancies like Triad Structural Consultancy, Skylight Structures, Planex Consultancy.
- Department of Electronics and Communication in association with the ASAP Kerala organised a seminar on "Orientation of ASAP Courses:Focusing on placement, scholarship and curriculum vitae," and the session was handled by Mr. Anto Jose, Program Manager, ASAP Kerala, on 22.06.2022.

#### **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.

- Green Hydrogen Fuel Cells Electric Vehicles" by Mr. Sujikumar D., AP, Dept. Of S&H on 6<sup>th</sup> April, 2022
- Submerged Arc Welding And Electroslag Welding by Mr. Kiran Murali, AP, Dept. Of Mechanical Engineering on 13<sup>th</sup> April, 2022
- Engineering Geology by Mrs. Bhagya G., AP, Dept. Of Civil Engineering, on 20<sup>th</sup> April, 2022
- Fundamental Steps In Digital Image Processing System by Mrs. Soshya V C., AP, Dept. Of Electronics & Communication Engg., on 27<sup>th</sup> April, 2022
- Out- of -home advertising by Mrs. Babitha P.K., AP, Dept. Of S&H on 4<sup>th</sup> May, 2022
- Sustainable concrete technology opportunity By Mrs. Divya K.K., HoD, Dept. Of Civil Engineering on 11<sup>th</sup> May, 2022
- Earthquake Resistant Building By Ms. Chandana M., AP, Dept. Of Civil

Engineering on 18<sup>th</sup> May, 2022

- Bionic Eye by Mrs. Soshya, AP, Dept. Of Electronics & Communication Engineering on 25<sup>th</sup> May, 2022
- Hyperloop by Dr. Lijin George, Associate Professor, Dept. Of Mechanical Engg., on 1<sup>st</sup> June 2022
- Wireless Sensor Network by Mr. Rahul I R., AP, Dept. Of Electronics & Communication Engg., on 8<sup>th</sup> June 2022
- Floating Windmills by Ms. Sreelakshmi P.K., AP, Dept. Of Electrical & Electronics Engg., on 15<sup>th</sup> June 2022
- Satellite Communication by Mrs. Krishnapriya V., AP Dept. Of Electronics & Communication Engg., on 22<sup>nd</sup> June 2022
- Stratellites by Mrs. Sreekala N., AP, Dept. Of S&H on 29<sup>th</sup> June 2022

### **Student Activities**

As part of rejuvenating club (Lets Inspire Lets Grow), Saturday Series were done by 2021 Admission students on the following topics

- On April 23rd, 26th video series was uploaded by Ayisha Rifana, S2 CE, on topic "3D Modelling".
- On April 30th, 27th video series uploaded by Ananya A P S2 CE on topic "Artificial Intelligence In Civil Engineering"
- Sneha M (Civil S2)-"Kinetic road" Abhina (CSE-S2)- "Quantum computing" Prathyusha (Civil-s2)- "Prefabrication" Nandana (civil-s2)-"Drones in construction"
- On June 18th 33rd video series uploaded by Abhinav.R (CSE-S2), on topic "GSM ( Global System for Mobile)

### **KTU Results**

S7 Pass % 2018 admission results were released by KTU

- Civil : 63%
- CSE: 15%

S4 Pass % 2019 admission results were released by KTU

- Civil : 29%
- ECE: 40%
- EEE: 14%
- 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**

- As a part of NSS activity, Unit 601 of Vedavyasa Institute of Technology, had organized an awareness class on 31st May 2022 to observe World No-Tobacco the session were: Mr.Krishnadas,, Health Inspector, Vazhayoor Panchayath and Ms. Nimmy, Health professional, Vazhayoor Panchayath.
- Vedavyasa Institute of Technology in association with it's NSS Unit 601 had celebrated International Day of Yoga(IDY) on 21 June 2022 by conducting Yoga Sessions for students. Mr. Shibi had coordinated the activities for the day. Faculty members of VVIT had also participated in the session.

### **Academic progress**

- Classes were conducted in offline mode following the Covid protocols. S8 classes started in March and were continued till June 4<sup>th</sup>, 2022.

- End semester examinations were conducted by the university and all the B.Tech and M.Tech exams ended during the month of April.
- S6, S4 and S2 semesters started on 11th , 18<sup>th</sup> and 21<sup>st</sup> April 2022.
- External lab exams were conducted in a good manner for S3 and S5 .
- For proper monitoring of the conduct of the courses, every week 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. Also the course journal after verification by the department HoDs is submitted to the Principal every week. Monthly report is submitted by the concerned HoD to Principal every month.
- 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**

- Students and faculty of EEE dept of VVIT visited Peekay Steel Castings, Kozhikode on 18th May 2022.
- Third year students of all branches visited various industries during June 2022 as part of IV according to KTU curriculum.

**VEDAVYASA INSTITUTE OF TECHNOLOGY**

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