



Quality Assurance Report of IQAC (October to December 2022)

IQAC Chairperson: Dr Raji Rajan.

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. B-Tech Third semester results were announced by the university during the month of October. M-Tech Second Semester results were announced by the university during the month of December. KTU Academic audit were conducted during the month of November.

Data of the Institution

Name of the Institute	Vedavyasa Institute of Technology, Karadparamba
Name of the Head of the Institution	Dr. Raji Rajan.
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	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 3 months report was submitted in September 2022.

IQAC meeting

Number of meetings conducted in last 3 months: 3

Important decisions taken:

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

Recognition

- Dr. Lijin George, Associate Professor. Dept. Of Mechanical Engineering, published a patent on Innovative method for monitoring of rigid payment in bike path.
- Dr. Lijin George, Associate Professor. Dept. Of Mechanical Engineering, published a patent on Design and development of GSM based substation monitoring and control system.
- Ms. Sruthi C.K, Assistant Professor, Dept. Of Computer Science Engineering published a patent on Real time patient data acquisition method in a hospital for medical applications based on MI
- Ms. Silpa A.K, Assistant Professor, Dept. Of Computer Science Engineering published a patent on Real time patient data acquisition method in a hospital for medical applications based on MI
- Ms. Anjana P, Assistant Professor, Dept. Of Computer Science Engineering published a patent on Real time patient data acquisition method in a hospital for medical applications based on MI
- Er. Divya KK , HOD, Department of Civil Engineering published a paper on the study on the shear capacity of concrete beam reinforced with glass fibre reinforced polymers grid reinforcement.
- Ms Sukanya S, Assistant Professor Department of Civil Engineering published a paper on Static load investigation on cold formed steel quadruple-Limb built up column.
- Ms Sukanya S, Assistant Professor Department of Civil Engineering published a paper on Transient analysis on bridge deck slab under the action of moving load and wind load.
- Ms Anjusha R Assistant Professor Department of Civil Engineering published a paper on study on the performance of CFAT slender column with shapes and aspect ratio of the column under static loading.
- Ms Anjusha R Assistant Professor Department of Civil Engineering published a paper on study on the bond strength between steel fibre reinforced concrete and ultra-high-performance concrete as an overlay repair material
- Ms Anishma A and Ms. Anjusha R, Assistant Professor, Department of Civil Engineering published a paper on study on the buckling behaviour of cold formed steel lipped and unlipped columns

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

- Department of Civil Engineering in association with ICI Calicut centre conducted a weekly lecture on Skill development by M-Tech students and Alumni. Ms. Arshana K.T gave a lecture on “Concrete- Fundamentals and Properties” on 21st October 2022 at VVIT Seminar Hal
- Department of Computer Science Engineering in association with Info Campus organised a career grooming programme on 27th October 2022, Awareness of networking and administration, scholarship-aptitude test and soft skills for job interviews, which was a programme that helps aspirants and professionals to build a confident career.
- Vedavyasa institute of Technology and FOSS GECT organised a programme “Hack or Get Hacked” -Session on Basic Linux Commands on 28th October 2022.
- American Society of Civil Engineers Student Organisation Charter approved student chapter of ASCE professional body of Vedavyasa Institute of Technology on 10th November 2022

Activities by Professional Bodies

- Department of Electrical and Electronics Engineering in association with KSEB officers association organized Power Quiz 2022 on 20th October 2022
- Department of Mechanical Engineering and IQAC VVIT in association with SAE India organized a Two-Day Faculty Development Programme “The successive path to publish academic research in Scholarly Journals (WoS/Scopus)” on 22nd and 29th October 2022.
- Department of Computer Science Engineering and CSI Chapter VVIT in association with Jetking Infotrain LTD presented a professional orientation session on Trending Technologies in IT on 21st December 2022
- Department of Computer Science Engineering and ACM Chapter VVIT in association with Red Team Hacker Academy presented a Hands-on session MONGO DB on 21st December 2022

IIC Cell Activities

- IIC Review meeting was conducted at VVIT on 13th October 2022. Institution Innovation Council Ambassadors and Academic Council Members had attended the meeting.
- IIC VVIT in association with VVIT Professional bodies organised a contest COINAGE 2022 as a part of National Innovation Day on 15th October 2022
- Institution's Innovation Council conducted a session on “My Story - Motivational Session by Successful Innovator” by Er Rahul I R Entrepreneur, Team coordinator, Mi Lifestyle Marketing Global Private Limited Mr. RAJITH KUMAR P, Entrepreneur, Regional Team Coordinator and Ceiling Achiever, Mi Lifestyle Marketing Global Private Limited, at VVIT Seminar Hall on 27th October 2022
- Institution's Innovation Council conducted a Debate on “Current Engineering Education System is useful to society” as a part of National Education Day on 11th November 2022

- IIC VVIT conducted an essay competition on impacts of Environmental Pollution on 2nd December 2022 as a part of National Pollution control Day.
- IIC VVIT celebrated “National Energy Conservation Day” and conducted an awareness campaign at Kakkove on 14th December 2022

Placement Cell Activities

- Alchemy IAS institute as apart of placement training, conducted a seminar cum scholarship on 23rd November 2022.
- VVIT placement cell organized a seminar on Higher Education and Carrier Opportunities in European countries by Mr. Sujith Menon, CEO. Synergy group of companies on 15th December 2022.

TechTalk/Seminars by teachers

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

- TechTalk on Gi Fi by Ms. Sayahna V R Assistant Professor, Department of Electronics and Communication Engineering on 05th October, 2022
- Four stroke petrol and diesel engine by Mr. Don P Jose, Assistant Professor, Department of Mechanical Engineering on 12th October, 2022
- Glass Fiber Reinforced Gypsum by Ms. Sukanya S, Assistant Professor, Department of Civil Engineering on 19th October, 2022
- Smart Grid-The future grid by Ms. Aswathi Krishna, Assistant Professor, Department of Electrical and Electronics Engineering on 26th October, 2022
- Microchannel Heat Exchanger by Mr. Mohammed Jaseem P, Assistant Professor, Department of Mechanical Engineering on 02nd November, 2022
- Transparent Concrete by Ms. Sreelakshmi T, Assistant Professor, Department of Civil Engineering on 09th November, 2022
- Technology Trends in 2022 by Dr. I. Vinoth Kanna, H.O.D, Department of Mechanical Engineering on 16th November 2022
- Wind Performance on Tall buildings and Aerodynamic optimization by Ms. Anishma A, Assistant Professor, Department of Civil Engineering on 23rd November, 2022
- Learning and Development Trends in 2023 by Dr. S. Kavitha Murugesan, H.O.D, Department of Computer Science Engineering on 30th November 2022
- Water Scarcity Mitigation by Mr. P. Sarvanan, Assistant Professor, Department of Civil Engineering on 07th December, 2022
- Solar PV System by Prof. Balakrishna Pillai, H.O.D, Department of Electrical and Electronics Engineering on 16th December 2022

- HPLC Instrumentation and Application by Ms. Neethu MP, Assistant Professor, Department of Science and Commerce Engineering on 21st December, 2022
- Digital Twin Technology by Ms. Silpa AK, Assistant Professor, Department of Computer Science Engineering on 28th December, 2022

Student Activities

- Department of Civil Engineering conducted an Industrial Visit for final year Civil Engineering students to Cochin Shipyard Limited on 7th October 2022
- Department of Computer Science Engineering conducted an Industrial Visit for 2019 Batch Computer Science Engineering students to Softronics, Palakkad on 14th October 2022
- Department of Civil Engineering conducted an Industrial Visit for Third year Civil Engineering students to Chellanam Project, Kochi on 19th October 2022
- Department of Civil Engineering in association with IGBC, Kochi Chapter and ASCE ISSR conducted an Industrial Visit for Civil Engineering students to Water Treatment Plant at Peruvannamuzhi on 15th November 2022

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

- Swachh Bharath Activities were conducted by NSS VVIT and Unnat Bharat Abhiyan on 02nd October 2022.
- NSS VVIT and UBA VVIT conducted an Anti-drug awareness campaign at Vedavyasa Institute of Technology on 12th October 2022 to eradicate drug abuse among youth.
- Anti-Drug Campaign Awareness Programme “VIMUKTHI” conducted by NSS Unit and UBA VVIT on 1st November 2022
- VVIT NSS Unit conducted a blood donation camp at VVIT On 21st November 2022
- VVIT NSS Unit No.601 conducted a 7-Day special camp SWASTHA at Aroor AMUP School in December.

Academic progress

- Classes were conducted in offline mode following the Covid protocols. University results of S3 B-Tech were published.
- S1 B-Tech classes were started on 25th October 2022.
- For proper monitoring of the conduct of the courses, every month the HOD’s 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 S1, S3, S5 and S7 were informed to parents and students. Series test marks along with attendance percentage were published to them in WhatsApp groups and parents were informed through parent's meetings.
- Conducted Remedial classes for identified weak students after the regular class.
- Students with supplementary exams were given additional remedial classes, especially for third semester subjects, to prepare for their upcoming supplementary exams.

Co-Curricular/Extra-curricular Activities

- Department of Science and Humanities, VVIT conducted an orientation programme for the budding Engineers, first year students (2022-24 batch) on 25th to 29th October 2022.
- Freshers Day Programme "ORUNGHIKKO" was conducted on 03rd November 2022
- An event on Young Minds Path to Success and Happiness conducted on 14th November 2022.
- Webinar conducted by Women Forum VVIT on Iron Deficiency Day regarding the topic "Fight off the Symptoms of IDA" on 26th November 2022.
- Vedavyasa Group of Institutions conducted Vedavyasa Premier league Football match in December 2022
- VVIT conducted an Ethnic Day Celebration "RIVIERA" along with Christmas Celebration on 22nd December 2022.

VEDAVYASA INSTITUTE OF TECHNOLOGY

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