Vedavyasa Institute of Technology, Karadparamba

QAR

Quality Assurance Report

(Period: August 1 to November 30, 2019)

of IQAC

Chairperson: Dr. S. Sangheethaa

Convener: Dr. S. Kavitha Murugesan

INTERNAL QUALITY ASSURANCE CELL
VEDAVYASA INSTITUTE OF TECHNOLOGY
Karadparamba, Malappuram Dt

The Quarterly Quality Assurance Report (QAR) of the IQAC

For affiliated engineering colleges

(19th December 2019)

This report is in compliance with the requirement that engineering colleges affiliated with APJ Abdul Kalam Technological University have to submit a quarterly self-reviewed progress report, termed Quality Assurance Report (QAR) to KTU through IQAC. This Institution, *Vedavyasa Institute of Technology*, submits its QAR through its IQAC now. This report details tangible results identified by IQAC at the beginning of this academic year. The QAR period runs from August 1 to November 30, 2019.

PART A

Data of the Institution

Name of the Institute	Vedavyasa Institute of Technology, Karadparamba
Name of the Head of the Institution	Dr S. Sangheethaa
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	(i) Ramanattukara (ii) 16 km from Calicut Railway Station
Institutional Status	
Affiliation	Has affiliation
Type of Institution, co-education	Co-education
Location: rural/ semi-urban/urban	Rural
Financial status	Private, self-financing

IQAC Details

Name of the IQAC Convener	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
Has academic calendar been prepared for the year?	Yes
If yes, has it been uploaded in the web-site of the Institute?	Yes
Accreditation	None
Date of establishment of IQAC	1st August 2019

Internal Quality Assurance System

Quality initiative	Date	Remark
Constitution	01.08.2019	Compliance with KTU academic standards as mentioned in academic audit manual 2019 and proposed in the Academic Council Meeting
First Meeting	19.08.2019	Meeting Academic Standards
Academic Council formation	01.08.2019	Academic Audit Standards
Disciplinary Action Committee formation	01.08.2019	Academic Audit Standards
Grievance and Appeals Committee formation	1.08.2019	Academic Audit Standards
Students welfare committee	1.08.2019	Academic Audit Standards
Industry Institute Interaction Cell	1.08.2019	Academic Audit Standards
Anti Ragging Committee/Squad	1.08.2019	Academic Audit Standards
Remedial class	23.09.2019	Student Support
Faculty evaluation	Post- test	Academic Audit Standards
Outcome Based Education FDP	28.09.2019	Internal and external teachers
NPTEL- local chapter formation	26.11.2019	QIP initiative
Energy Saving Club (Ensav)	02.11.2019	Engineers from KSEB, Vazhayur

formation		Panchayat Member,Faculty and Students(Professional Body)
Indian Concrete Institute	26.11.2019	Institution Membership
Computer Society of India	26.11.2019	Institution Membership
Internal audits (two)	1. 3.10.2019 2. 4.12.2019	Academic Standards
Weekly OBE session	Every Wednesday 3pm	QIP initiative
IQAC Meeting	Every two weeks	Academic Standards
No. of IQAC meetings held during the year	9	(August ' 19 to December ' 19):

Significant contribution made by IQAC

- Academic Audit
- Special class for slow learners after close of semester
- Weekly OBE Sessions
- Encouraging faculty to attend FDPs.
- Scrutiny of question paper to follow Bloom's level.
- starting of various Professional bodies - Institutional membership in ICI, ISTE.
- Subscription to e-journals and improving quality of library by suggesting new books.
- motivating students to write university examinations without fear.
- Scholarship presentation to hard-working students
- Arranging expert talks and Industrial visits to students.

Action Plan of IQAC for quality enhancement

Duration: September 2019 to April 2020

Action Plan	Outcome
IQAC designated the steps of the academic proceedings in the academic calendar before commencement of class:	The unfolding of the semester, both at the Institute level and Department Level, largely followed this plan.
IQAC deemed it fit to improve the quality of faculty members with *faculty development program.*	Following the close of the odd semester 22 faculty members were deputed to attend 9 faculty development programs.
IQAC conducted a motivation program for first semester students to inspire them to higher performance at the end semester examination.	An FN program, that was received well by students.
Active learning sessions for slow learners.	This was scheduled for S1 students as they

(S1), after close of semester, for a week.	were new to the semester and exam ways of the University.
Under consideration is development of research culture of faculty members and students with paper publications and project proposals.	Still within the sweep of the nation-wide slowdown in engineering education teaching, learning process has largely engaged the faculty. Therefore, it will take some time before results show in this area.
Has the QAR been placed before the statutory body?	Yes
Name of the statutory body:	IQAC
Date of the meeting	16 December 2019
Has the functioning of IQAC been assessed?	Yes
Assessor:	External auditors of KTU on 22nd October 2019

About the curriculum

Institution prepares and publishes academic calendar by listing all major activities of the year. Department activities are planned and executed accordingly. Assignation of courses to members of faculty and time-table, (schedule of work) are completed two weeks before commencement of classes. Faculty members prepare a detailed course plan. course notes, lab manual, for the semester. A question bank is also made that slow learners find useful. Class and course committee meetings are held to inform students that the courses will be delivered by the course plan, with test papers and assignments as stipulated by the academic regulations.

Advisory Committees are formed for each class of a program. Heads of Departments, Department Academic Coordinator, faculty members of the class make up the committee. The committee meets with each class several times a semester, about five times, encourages, motivates and counsels students in their progress towards successful completion of the program.

Practical courses are conducted by norms of the academic regulation. It views each weekly lab session as a serious exercise much like an examination, with 70 marks for the practical work.

A group of 10 to 15 students has a faculty advisor and a senior faculty advisor. The faculty advisor meets with students on an informal basis, discusses their studies with the importance of performance and other co curricular and curriculum activities.

Attendance monitoring with SFA and FA has been formed as the requirement to sit for end semester exam with 75% of attendance.

Faculty evaluation by students - assessed based on the following
(i) Number of feed backs taken in a semester-2
1st after one month of class, and 2nd after termination of class
(ii) % of students participated 90%-100%
(iii) corrective actions were taken for improving teaching effectiveness
(iv) Regular Formative Evaluation and online feedback mode

EXTRA CURRICULAR ACTIVITIES

Extracurricular activities help students gain valuable experience in a number of areas that can improve their future. By volunteering and helping the community, students learn how to be responsible, how to effectively solve problems and, at the same time, develop their communication skills. Extracurricular activities, including organizing, encouraging students to engage in society, strengthen their links with society and the interrelations of students. Volunteer work plays a significant role in expanding students; social network, meeting new people, and discovering students' own preferences and talents which students are often not aware to possess. The most important thing is that, while acquiring skills necessary to become better students, employees and people, at the same time they provide a valuable contribution to the community which, apart from the material, has the need for human resources too.
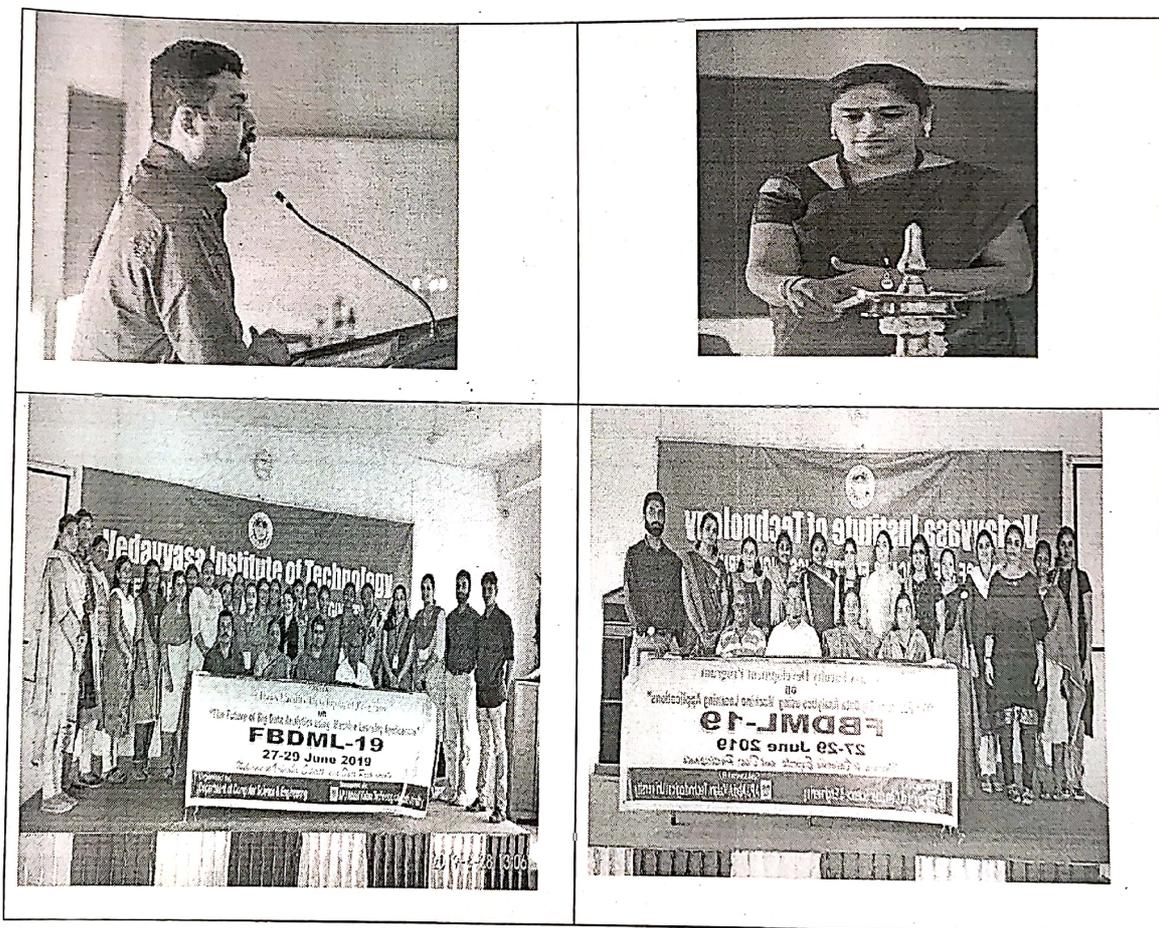
SPORTS ACTIVITIES

A variety of outdoor and sporting equipment is available for Student in order to promote the health and extracurricular activities of students.

Details and Photos of some of the events are following.

Three-day Faculty Development Programme- The Future of Big Data Analytics using Machine Learning Applications- FBDML-19: Department of Computer Science and Engineering, VVIT APJKTU-Sponsored- June 27th -29th, 2019

The primary goal of this FDP is to provide a forum for the dissemination and exchange of the latest research findings by academicians and scientists in various related areas of Data Analytics. It provides a platform for the Teaching Faculty & Technical Staff to upgrade in Analytical Techniques Improving ideas in Risk Analysis and Mitigation Strategy, and the latest innovations in the Application of Analytical Techniques.

Outcome:

- The proposal of 3 days FDP for Rs.134250 was submitted and accepted by KTU to be proceeded. The expense done is submitted in detail for sanction of fund.

- With 30 Participants from 5 different colleges, the feedback analysis was done.

- All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the academic curriculum.

- Participants were enlightened with the most widely used advance strategies in Data Mining. They enriched a well-defined options in the field of Big Data and got relevant pros and cons in the journey of the specific area.

INAUGURATION OF ASSOCIATION OF COMPUTER SCIENCE AND ENGINEERING INAUGURATION

Date   :28/10/2019

Venue   : VVIT

Highlights   : ACE (Association of Computer science & Engineering Students) was inaugurated on 25th October 2019. The chief guest for the function, Sri.Karthik Kalathil (Co-Founder #WattleCorp Cyber Security labs,Calicut) inaugurated the function and gave a technical talk on ""Cyber Security and Ethical Hacking-Offensive Attack". The Principal, Dr.S.Sangheethaa presided over the function. Dr. S.Kavitha Murugesan HOD, Dept of CSE gave a brief about the Programme, and Prof.Dr.Jaget Babu Dean Academics felicitated the event.

Inauguration of Association of Electrical, Electronics and Communication Engineers.

Date   : 06/11/2019

Venue   : VVIT

Highlights: Cheif guest : Dr. L.Ramesh - Founder & Chairman GREEN9Dean , Dr. MGR Educational & Research institute (University- Chennai)Guest of Honor: Dr. Muruganath Gopal RAj PhD, HOD EEE- Ahalya College of Engineering Palakkad. Mr. Asharaf - Assistant Engineer-KSEB Karad. Mr. Unni Perayan- Panchayat Member- Vazhayoor.

SEMINAR ON "LEARN TO CODE "

Date   : 06/11/2019

Venue : VVIT

Highlights : Mr. Noufal Ibrahim (NIT Calicut Alumnus, Founder of Pycon India, the largest python conference outside USA) from Lyceam explained various possibilities of coding and engineering for young aspiring minds
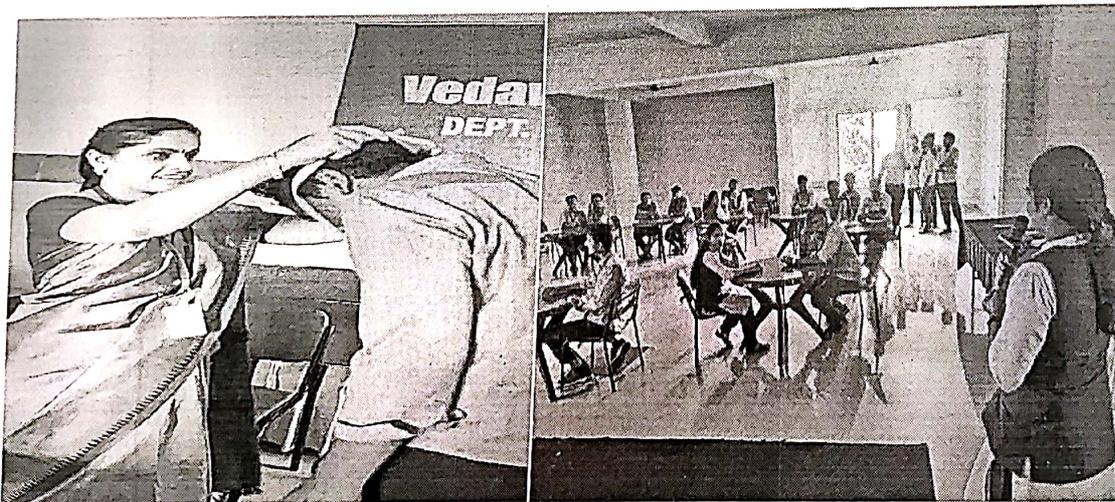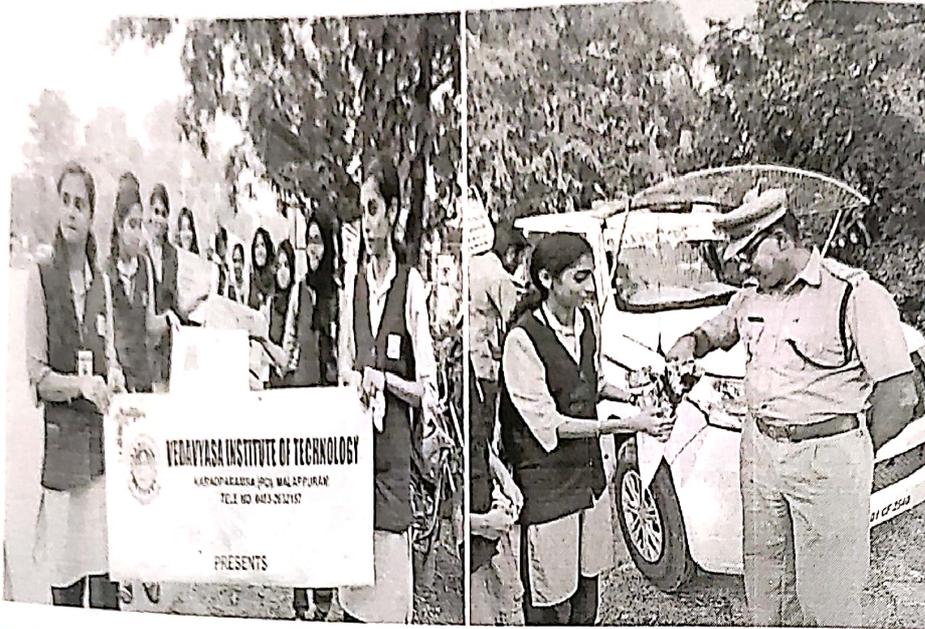

THE NATIONAL EDUCATION DAY

Date :12/11/2019

Venue : VVIT

Highlights : The Department of computer science embarked an Inter departmental quiz competition in the evening of The national education day. The winners were felicitated by Dr.Sangheethaa S.

Highlights : The Department of Civil Engineering of Veda vyasa Institute of technology has organised a procession on the National Education day to mark the relevance of education.
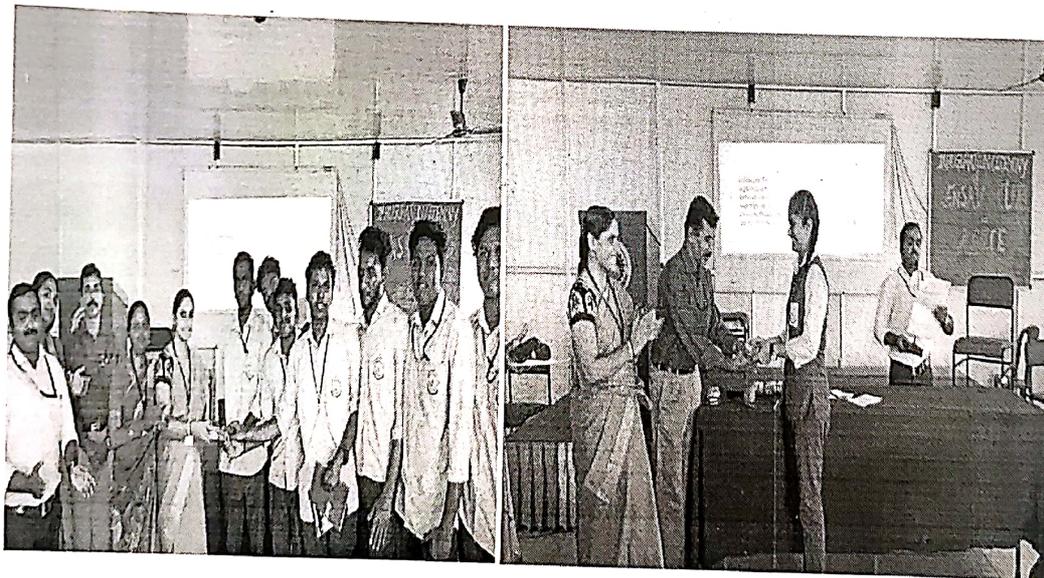
MIPE(Mind Ignition Program for Engineers)

Date   : 18/11/2019

Venue   : VVIT

Highlights   : Bibin K Joseph AP EEE Conducted the program for first year B.Tech Students for preparing them to face APJ KTU Examinations. Prizes were given for best group and best performer during the activities

INDIAN CONSTITUTION DAY

Date   :26/11/2019

Venue   : VVIT

Highlights   : Vedavyasa Institute of Technology celebrated the constitution day by watching the live streaming from Parliament House as per direction from AICTE and by reading the Preamble of the Constitution and taking Pledge on Fundamental Duties.

Students' grievances and appeal committee

Functioning of students' grievances and appeal committee - Minutes of meetings & Functioning of Academic Discipline & Welfare committee are recorded and with due action taken report is submitted.

Information on progress of students to their parents is done based on Class wise PTA meetings held twice in a semester after First and Second series test informed through Phone and Social Media Group messages to concerned parents

Students Welfare committee, Disciplinary Committee, Women's Development committee and all other committees which are mandated by AICTE and KTU are functioning well.