



V.R.S. College of Engineering and Technology

Arasur – 607 107, Villupuram District.



(Reaccredited by NAAC and an ISO 9001:2008 Recertified Institution)

Ref. No: VRSCET/Cir/Adm/2021

Date: 27.01.2021

Minutes of the IQAC Meeting

A meeting of the IQAC members had been called for and held on 27.01.2021 at 03:00 p.m. in Conference Hall.

The following members were present:

Dr. N. Anbazhagan	...	Principal/IQAC Chairman
Er. M. Saravanan	...	C. E. O
Mr. R. Balasubramaniyan	...	Asso. Prof. (ECE) IQAC Co-ordinator
Dr. J. Joseph Ignatious	...	Liaison Officer- Govt. Affairs
Dr. G. Perumal	...	HOD/ MECH
Mr. A. Kumar	...	HOD i/c / Civil
Mr. K. Ramesh	...	HOD i/c / CSE
Mr. G. SadiqBasha	...	HOD i/c / ECE
Mr. S. Arunpandiyan	...	HOD i/c / EEE
Mr. R. Vijayakumar	...	HOD i/c / S & H
Dr. S. S. Balasubramanian	...	Librarian
Dr. A. Murali	...	Physical Director
Member	...	Alumni
Member	...	Industrialist
Member	...	Student
Member	...	Local Society

We organized for meeting and recommendations of IQAC and its action plans are reviewed.

Students' admission

- 104 Schools in Villupuram, Cuddalore and Kallakurichi district have been approached for engineering admission.
- We have given awareness of engineering courses to 4450 higher secondary students.
- Due to Covid-19 pandemic, higher secondary students are given awareness of various engineering courses and its specialization through social media such as Whatsup, facebook and Instagram groups.

- Regularly graphic posters and videos about engineering courses and its job opportunities are posted in social media such as Whatsup, facebook and Instagram groups.
- Used telephone calls for attending students' clarification and guidance regarding admission.
- Students' admission counts including lateral entry in the academic year 2019-20 is 140 and it has been improved to 185 in 2020-21.

Academic activities

- Students study materials are posted through courier due to Covid-19 pandemic.
- Students, faculties and supporting staff members are given awareness about Covid-19 pandemic and the importance of vaccination.
- Online classes are conducted through online apps such as google meet, free conference call.
- Google classroom created for conducting continuous assessment tests
- Google classroom used for conducting Anna University practical and theory examinations.
- Class time table, continuous assessment schedule, Anna University practical and theory examination schedule and other notifications are shared in the whatsapp group.
- Students' progress reports are sent through whatsapp.
- Below 75% attendance having students' parents are counselled over phone as per Anna University minimum attendance norms towards appearing for the examination.
- Each day the absentees are noted and informed to their parents by the respective class advisor.
- Counselling and career guidance is given to students over phone by the respective counsellors
- The mentor and student ratio 1:8 is maintained in the academic year 2020-21.
- The students are given practice on multiple choice questions.
- Faculties are using ICT based teaching methods.
- Before conduction of lab classes, each lab is calibrated and tested.
- Internal audits are carried out for labs during Covid19 pandemic relaxation period.
- Mini project and main project viva conducted through online.
- During the academic year 2020-21 Anna University exams had been conducted through online mode, University pass percentage has been increased to 93.24% compared to 2019-20.
- Students' feedback collected, analyzed and necessary actions are taken.

Co-Curricular activities

- Celebration of all festivals made over online.
- During celebration conducted competition on cultural, rangoli, cooking, photography, poem, essay writing, short films, quiz, rapid fire etc.

Training programs and placement

- Each department has identified important core domain based on student interest.
- Each department 5 and totally 30 online Certificate courses were conducted.

Department of Civil Engineering

- ✓ 2D MODELLING – AUTO CADD
- ✓ ADVANCED EARTHQUAKE RESISTANT TECHNIQUES
- ✓ JOB OPPORTUNITIES IN POST COVID ENGINEERING INDUSTRIES
- ✓ ADVANCED GPS CONTROL NETWORK SURVEY AND QC
- ✓ PROJECT MANAGEMENT USING PRIMAVERA
- ✓ ASSESSMENT OF DEFECTS IN CONCRETE

Department of Mechanical Engineering

- ✓ NXCAD
- ✓ TROUBLE SHOOTING OF REFRIGERATION
- ✓ MATLAB BASICS AND HANDS ON PRACTICE
- ✓ "BASICS OF NON-DESTRUCTIVE TESTING
- ✓ OPTIMIZATION USING STATISTICAL TOOL
- ✓ ONLINE TRAINING ON ADDITIVE MANUFACTURING

Department of Electrical and Electronics Engineering

- ✓ COURSE IN TESTING AND MEASUREMENTS
- ✓ SIMULATION OF POWER ELECTRONIC CIRCUITS
- ✓ ADVANCEMENTS IN INDUSTRIAL PROCESS CONTROL UNITS
- ✓ MODELLING AND SIMULATION OF RENEWABLE ENERGY SYSTEMS
- ✓ INDUSTRIAL SAFETY PROGRAM
- ✓ ELECTRICAL LOAD ESTIMATION AND DESIGNING

Department of Electronics and Communication Engineering

- ✓ TRAINING IN MS-WORD, EXCEL, POWERPOINT, SEARCH ENGINE.

- ✓ MATLAB AND SIMULINK FOR DATA PROCESSING AND VISUALIZATION
- ✓ ARDUINO INTERFACING AND PROGRAMMING
- ✓ C/C++ PROGRAMMING
- ✓ IOT FOR EMBEDDED SYSTEM
- ✓ RASPBERRY PI PROGRAMMING

Department of Computer Science and Engineering

- ✓ DEEP LEARNING USING KERAS
 - ✓ MACHINE LEARNING USING PYTHON PROGRAMMING
 - ✓ INTERNET OF THINGS
 - ✓ DATA ANALYTICS USING R
 - ✓ DATA ANALYTICS USING PYTHON
 - ✓ WEB APPLICATION DEVELOPMENT USING JSOn
- Dept. of Civil – 140, Dept. of Mechanical – 266, Dept. of EEE – 182, Dept. of ECE – 159, Dept. of CSE – 241 and totally 988 students were participated in online certificate courses.
 - Dept. of Civil – 70, Dept. of Mechanical – 110, Dept. of EEE – 95, Dept. of ECE – 75, Dept. of CSE – 104 and totally 458 students were attended Field projects/internship through online.
 - 7 days online training on soft skills, technical skills and aptitude skills are conducted by the training organization Rubicon to final year students of Dept. of Civil - 40, Dept. of Mechanical - 53, Dept. of EEE -41 , Dept. of ECE- 41 and Dept. of CSE – 41 and totally 216 students.
 - 745 students are given Online training on life skills,
Topics such as
 - ✓ Effective time management
 - ✓ Hygiene food practices
 - ✓ Team management skills
 - ✓ Cyber-crime & Cyber security
 - ✓ COVID-19 Social awareness
 - ✓ Relationship skills
 - ✓ Awareness to drug addiction
 - ✓ Self-Management

- 28 webinars were conducted on recent trends.

Topics such as

- ✓ "Future trends in Electronic design Automation"
- ✓ "Web Application Development"
- ✓ "Recent trends in Embedded System Design"
- ✓ "Interfacing to Sensors for IoT Applications"
- ✓ "Raspberry Pi and Programming Concepts"
- ✓ "Life After Engineering"
- ✓ "Signal and Image Classification on Machine Learning"
- ✓ "Introduction to Project Management using PRIMAVERA"
- ✓ "Low-cost Rural Housing Construction Practice"
- ✓ "Career Opportunities for Civil Engineers"
- ✓ "Introduction to CPM-BIM"
- ✓ "IRC loading Standards for Road bridges"
- ✓ "Sustainable Buildings"
- ✓ "Solar wind Hybrid System Design and sizing of Essential Components"
- ✓ "Future on Industries"
- ✓ "Protection and Control system for Power panels"
- ✓ "Landscape of AI in Smart City Applications"
- ✓ "Amazon Web Services (AWS) – A Tutorial for Beginners"
- ✓ "Web Application Development"
- ✓ "Job Opportunities in IT with/without Coding"
- ✓ "Web Application Development using JS"
- ✓ "Recent trends in Concentrating Solar power technologies"
- ✓ "Introduction to Project Management using PRIMAVERA"
- ✓ "Solar PV system design and Components"
- ✓ "Piping software - Introduction and Opportunities"
- ✓ "Design soft skill for Gear Box design"
- ✓ "Python"
- ✓ "Yogic way of Achieving Holistic Health and Wellness"

- 213 students were given placement,
Companies such as
 - ✓ Q-SPIDER
 - ✓ GESCO HEALTHCARE PRIVATE LIMITED
 - ✓ MITSUBHASICAL INDIA LIMITED, CHENNAI
 - ✓ VENPA STAFFING SERVICES INDIA PRIVATE LIMITED
 - ✓ TM.AR.FABRICATORS
 - ✓ SS GROUP OF COMPANIES & INSTITUTIONS
 - ✓ ACCURATE HEAVY ENGINEERING
 - ✓ CLF STRUCTURES PRIVATE LIMITED
 - ✓ NISCO PRECISION (P) LTD.
- Department inaugural function conducted through online.

Faculty development activities

- 12 faculties were published their works in journals.
- 13 faculties were presented their papers in conferences.
- Dept. of Civil – 5, Dept. of Mechanical – 154, Dept. of EEE – 26, Dept. of ECE – 85, Dept. of CSE – 12, Dept. of S & H - 22 and totally 304 various FDP were actively participated by the faculty members.
- Six faculties are pursuing their Ph.D and one has completed his Ph.D
- One patent is received.
- 28 webinars are conducted in the college for teaching and non-teaching staff.

Student support services

We have ensured the receiving of various scholarships by continuous follow up.

- 353 students were received BC / MBC Post Matric and Free Matric Scholarship.
- 310 students were received SC / ST Post Matric Scholarship.
- 324 students were received First Graduate from First Generation Scholarship.
- 5 students were received Central Sector Scholarship Scheme.

Alumni engagement

- 12th Alumni Meet was held on 9th January 2021 through online.
- Students' interactions with Alumni were conducted.
- Final year students has created whats app group to interact with alumni.
- Alumni sponsored tuition fees for the economically weaker students.
- Students were given training and placement by Alumni.
- Yoga program conducted by alumni through online

The meeting came to an end with the Principal/IQAC Chairman thanking all the IQAC members, who were present and requesting them to bestow their utmost attention for all the decisions taken in this meeting.



IQAC Co-ordinator



IQAC Chairman

Copy to:

1. CEO for his kind information.
2. HODs with a request to circulate among the staff.
3. Librarian, PD and File through A. O.



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Ref. No: VRSCET/Cir/Adm/2020

Date: 05.08.2020

Minutes of the IQAC Meeting

A meeting of the IQAC members had been called for and held on 05.08.2020 at 03:00 p.m. in Conference Hall.

The following members were present:

Dr. N. Anbazhagan	...	Principal/IQAC Chairman
Er. M. Saravanan	...	C. E. O
Mr. R. Balasubramanian	...	Asso. Prof. (ECE) IQAC Co-ordinator
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Member	...	Alumni
Member	...	Industrialist
Member	...	Student
Member	...	Local Society

The recommendations towards achieving the Quality Enhancements of the Institution were received from the IQAC members.

The recommendations of IQAC members and its action plans

- **Strategy to improve student admission.**

IQAC suggested that the Higher Secondary students are to be given awareness of Engineering courses and its specialisation through the whatsapp, facebook and Instagram groups.

- **Introduction of short-term innovative, need-based add on courses.**

IQAC suggested that the students are to be given online training on various add on courses based on their interest. Also students are to be given online training with Aptitude skills, Technical skills and Soft skills.

- **Strengthening of ICT in teaching, learning and evaluation processes.**

IQAC suggested that faculties are to be encouraged for making effective lesson plans including activities using ICT. Also using Whatsapp group, online apps such as Google meet, free conference call and Google classroom for conducting classes, continuous assessment tests, University practical and theory examinations.

- **Encouragement of pursuing Ph.D.**

IQAC suggested that faculties are to be encouraged to pursue Ph.D by offering adequate leave.

- **Encouraging faculty development activities.**

More number of webinars are to be conducted towards gaining knowledge in the recent trends of research and development. Faculties are to be encouraged to participate in various online seminar, workshop and FDP. Faculties are to be motivated to apply for patents.

- **More placement opportunities and training.**

IQAC suggested that training and guidance to be given through online. Also discussing placement opportunities available in various domains at the time of counselling over phone.

- **Alumni association activities be aggressively increased.**

IQAC suggested that more alumni activities to be encouraged. Alumni invited for placement training and guidance. Creation of Whatsapp group among students and alumni for better interaction. Also receiving funds from alumni for student welfare.

- **Improvement of extra-curricular activities.**

IQAC suggested that celebration of all festivals to be made. During celebration, conducting competition on cultural, rangoli, cooking, photography, poem, essay writing and short films etc. through online.

- **Student support services.**

IQAC suggested that receiving of various student scholarships to be ensured by continuous follow up.

The meeting came to an end with the Principal/IQAC Chairman thanking all the IQAC members, who were present and requesting them to bestow their utmost attention for all the decisions taken in this meeting.



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IQAC Chairman

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