

# DQAA News



**VIT**  
Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

Directorate of Quality Assurance and Accreditation (DQAA), VIT , Vellore Campus



## Director's Message

Ensuring quality in higher educational institution is a bottom-up approach wherein every stakeholder should be conscious of their role in contributing towards quality in the teaching-learning process, research, innovation, extension and governance. VIT IQAC strives to promote and ensure quality culture among all the stakeholders of the institute on a continuous basis in collaboration with all the academic and administrative units of VIT.

The main objective of VIT IQAC is to raise awareness on quality assurance / sustenance / enrichment initiatives among all the stakeholders and to adopt high-quality standards in education and research. The IQAC also strives to ensure that VIT reflects on its quality practices and commits to a continuous quest for excellence, which will usher in credibility to individuals and the institution.

I am happy to present various initiatives taken by the O/o DQAA from January to June 2022. I seek your continuous support and suggestions for continuous improvement.

Happy Reading!

With Regards  
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Director-DQAA  
Vellore Institute of Technology  
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# VIT IQAC



## About IQAC

The Internal Quality Assurance Cell (IQAC) was established in 2007 at Vellore Institute of Technology (VIT) as a post-accreditation quality sustenance measure. The IQAC has been constituted as per the recommendations of the National Assessment and Accreditation Council (NAAC). The IQAC ensures the effective implementation of quality initiatives through continuous reviews & periodic meetings and strives towards attaining excellence in all academic and administrative endeavors of the institution.

## Vision of IQAC

To ensure quality culture as the prime concern for Vellore Institute of Technology through institutionalizing and internalizing all the initiatives taken with internal and external support.

## Objectives

- › To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- › To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

## Quality Policy

To establish a system of Quality Enhancement, which would on a continuous basis evaluate and enhance the quality of teaching – learning, research and extension activities of the institution, leading to improvements in all processes, enabling the institution to attain excellence.



**IQAC Meeting held on 23-03-2022**



# Events Organized

The Directorate of Quality Assurance and Accreditation (DQAA) of VIT Vellore had organized various Training Programmes, Seminars, Workshop, Brainstorming Sessions, etc. focusing on accreditation, outcome based education and quality assurance.

S.No	Event Title	Event Type	Date	Resource Person	No. of Participants
1.	<i>A TQM approach to achieving excellence for a University</i>	Virtual Seminar	21-02-2022	<b>Dr. Suresh Mony</b> , Former Director, NMIMS, Bengaluru	<b>51</b>
2.	<i>Academic and Administrative Audit</i>	Offline Training	23-02-2022	<b>Dr. N. Jayasankaran</b> , Advisor VITBS	<b>68</b>
3.	<i>Quality Metrics in Research</i>	Virtual Seminar	24-02-2022	<b>Dr. M.G.Sethuraman</b> , Professor and CoE i/c, Gandhigram Rural Institute, Dindigul, Tamil Nadu	<b>322</b>
4.	<i>Preparation of NBA Self-Assessment Report (SAR)</i>	Training	05-03-2022	<b>Dr. N. Alagumurthi</b> , Professor and Head, Dept. of Mechanical Engg., Puducherry Technological Uni.	<b>106</b>
5.	<i>Effective Implementation of OBE</i>	Training	13-04-2022	<b>Dr. Kanmani Buddhi</b> , Dean-Academics & Professor, Dept. of Telecom. Engg., B.M.S. College of Engg., Bengaluru	<b>208</b>
6.	<i>Defining Course Outcomes and its Assessment</i>	Virtual Seminar	30-05-2022	<b>Dr. Kanmani Buddhi</b> , Dean-Academics & Professor, Dept. of Telecom. Engg., B.M.S. College of Engg., Bengaluru	<b>71</b>
7.	<i>Use of IQAC Portal for CO Attainment</i>	Training	28-06-2022	<b>Dr. Vijayakumar T</b> , Assistant Director-SDC & Associate Professor, SMEC, VIT	<b>86</b>

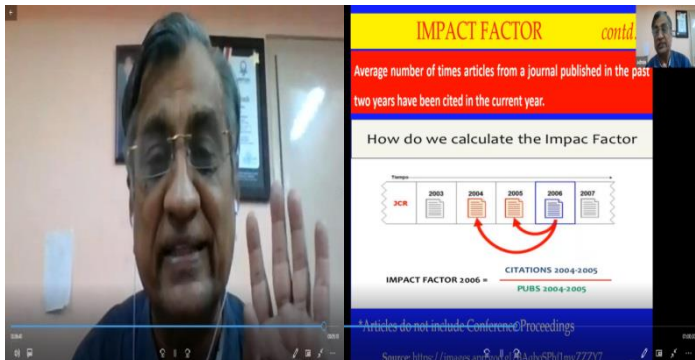


**Special lecture on “A TQM Approach to Achieving Excellence for a University” by Dr. Suresh Mony, Former Director, Narsee Monjee Institute of Management Studies (NMIMS), Bangalore campus on 21-02-2022 during VIT QUALITY WEEK 2022.**



**Training session on “Academic and Administrative Audit” by Dr. N. Jayasankaran, Advisor VITBS, Former Vice-Chancellor, Kanchi University, on 23-02-2022 during VIT QUALITY WEEK 2022.**

## Events Organized...



Special Lecture on “Quality Metrics in Research” by **Dr. M.G.Sethuraman**, Professor and Controller of Examinations(i/c), Gandhigram Rural Institute, Tamilnadu on 24-02-2022 during QUALITY WEEK 2022.



One Day Training Programme on “Preparation of NBA Self-Assessment Report (SAR)” by **Dr. Alagumurthi N**, Professor and Head, Dept. of Mechanical Engineering, Puducherry Technological University on 05-03-2022.

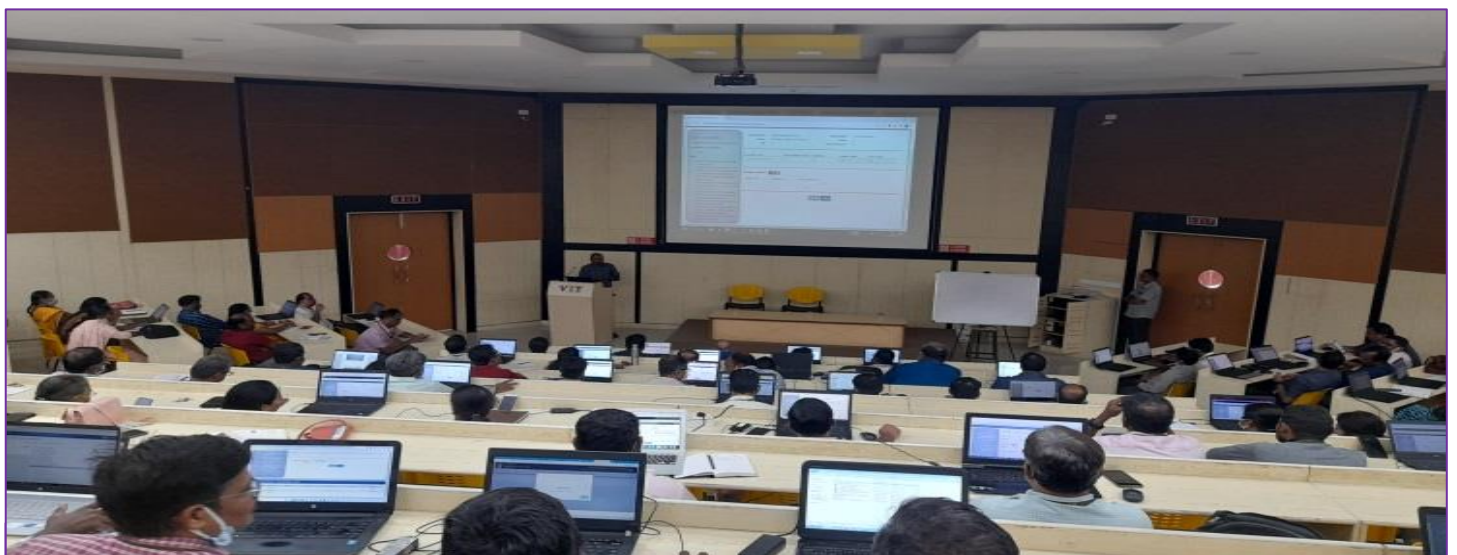


One Day Training Programme on “Effective Implementation of Outcome Based Education (OBE)” by **Dr. Kanmani Buddhi**, Dean- Academics & Professor, Dept. of Telecom. Engg., B.M.S. College of Engg., Bengaluru on 13-04-2022.

#### Course Outcomes (COs): Characteristics

- Describe skills/competencies gained by student at the end of the course
- need to be **assessable** and **measurable**
- Every course has a set of COs
- A course may have about **6 COs**
- Every CO addresses **one or more outcomes** (POs/PSOs)
- Are measured at the end of the course
- Are aligned with one or more POs
- Are closely related to the assessments

Virtual Seminar on “Defining Course Outcomes and Its Assessment” by **Dr. Kanmani Buddhi**, Dean- Academics & Professor, Dept. of Telecom. Engg., B.M.S. College of Engg., Bengaluru on 30-05-2022.



Training Programme on “Use of IQAC Portal for CO Attainment” by **Dr. Vijayakumar T**, Asst. Director-SDC & Assoc. Professor, School of Mechanical Engineering, VIT on 28-06-2022.

Events Organized...


# VIT Quality Week 2022

## 21-25 February 2022




Objective	5 Days 142 Events		Participants										
<p>To raise awareness on quality assurance / sustenance / enrichment initiatives among all the stakeholders and to adopt high-quality standards in education and research</p>	<ul style="list-style-type: none"> <li>• Awareness Programme</li> <li>• Brainstorming Session</li> <li>• Case Studies</li> <li>• Debate</li> <li>• Invited Talk</li> <li>• Poster Presentation</li> <li>• Role-play</li> <li>• Seminar</li> <li>• Training Programme</li> <li>• Workshop</li> </ul>	<p>Resource persons from reputed institutions and industries</p>	<p><b>9800+</b></p> <table border="0"> <tr> <td>Faculty</td> <td>1400+</td> </tr> <tr> <td>Students</td> <td>5100+</td> </tr> <tr> <td>Research Scholars</td> <td>2200+</td> </tr> <tr> <td>Non-Teaching</td> <td>200+</td> </tr> <tr> <td>Outside Participants</td> <td>750+</td> </tr> </table>	Faculty	1400+	Students	5100+	Research Scholars	2200+	Non-Teaching	200+	Outside Participants	750+
Faculty	1400+												
Students	5100+												
Research Scholars	2200+												
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### Inaugural Lecture



Inaugural Lecture on “NEP-2020 & Higher Education Quality” by Prof. S. P. Thyagarajan, Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, on 21-02-2022.

### Valedictory Programme



Valedictory address by Dr. Rambabu Kodali, Vice Chancellor on 25-02-2022.

Events Organized...

# VIT Quality Week 2022

21-25 February 2022

Quality Show Conducted by School of Information Technology & Engineering (SITE) & School of Electronics Engineering (SENSE) on 23-02-2022

**QUALITY SHOW**

Mughal Briyani from Akbar's Kingdom  
**SITE**

**Song & Instrumental Play**  
**SENSE**

**FEBRUARY 23, 2022**  
**12 NOON TO 1PM**  
**AMBEDKAR AUDITORIUM**



# Functional Activities

## IQAC Meetings

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.

### Constitution of VIT – IQAC:

VIT IQAC is constituted as per NAAC guidelines with Vice Chancellor as the Chairperson, Representatives from Management, Administration, Teachers and Nominees from Local Society, Industry, Academia & Stakeholders (Students, Alumni, Employers and Parents).

### IQAC Meeting conducted (Jan-Jun 2022) :

- › 19-01-2022 ( Virtual Mode)
- › 23-03-2022 (Hybrid Mode)
- › 15-06-2022 (Hybrid Mode)

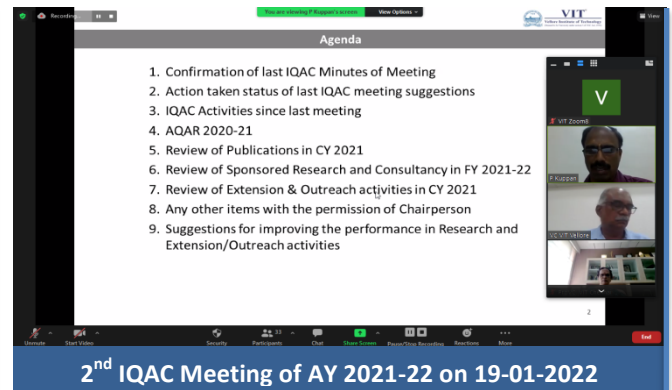
Suggestions



- Academics / Curriculum Design
- Research and Development
- Students Support
- Industry Academia Interaction
- Extension
- Governance

Most of the recommendations of the IQAC have been considered and implemented.

This has led to the improved institutional functioning and strengthening of academic and administrative processes.



2<sup>nd</sup> IQAC Meeting of AY 2021-22 on 19-01-2022



3<sup>rd</sup> IQAC Meeting of AY 2021-22 on 23-03-2022



4<sup>th</sup> IQAC Meeting of AY 2021-22 on 15-06-2022

## Functional Activities...



- NAAC Annual Quality Assurance Report (AQAR) submitted for the AY2020-21 on 29-03-2022.
- Students' Satisfaction Survey (SSS) 2022 was conducted.
- Reconstitution of Institutional NAAC Coordinators w.e.f 01-06-2022.

### Curricular Aspects

Dr. RA.K. Saravanaguru, Asst. Dean Academics

Dr. Swathi J. N, Associate Professor, SCOPE

### Teaching-Learning and Evaluation

Dr. Vallampati Ramachandra Prasad, Professor, SAS

Dr. Sofi A, Associate Professor, SCE

### Research, Innovation and Extension

Dr. Ramanujam R, Asst. Director, DQAA

Dr. Pounambal M, Associate Professor, SITE

### Infrastructure and Learning Resources

Dr. Jagadeesh P, Professor Higher Academic Grade, SCE

Dr. Palanisamy K, Dy. Director, EM & Projects

### Student Support and Progression

Dr. Sharmila N, Asst. Director, Students Welfare

Dr. Aslam Abdullah M, Asst. Prof. Sr., SCHEME

### Governance, Leadership and Management

Dr. Renuga Devi S, Dy. Director, DQAA

Dr. Thanikaiselvan V, Asst. Director, DQAA

### Institutional Values and Best Practices

Dr. Senthilnathan K, Professor, SAS

Dr. Swarnalatha P, Associate Professor, SCOPE

### IQAC Portal Development & Maintenance

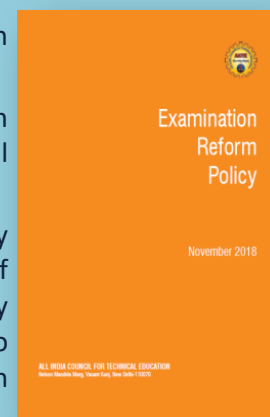
Dr. Vijayakumar T, Asst. Director, SDC

### Overall Coordination

Director, DQAA



- Periodic data submission in AICTE Portal.
- AICTE Examination Reform Policy was distributed to all faculty members.
- Various Schemes floated by AICTE for the benefit of students and faculty members was presented to Deans and Directors on 31-05-2022.
- Mandatory disclosure was updated in University website.



- Reconstitution of Internal Academic and Administrative Audit committee in 22-02-2022.
- Institutional level Academic and Administrative Audit (AAA) was conducted for the period of Jul'21-Feb'22 during March 2022.



Internal AAA Peer Team visit – Estate Office



- A committee for coordinating National Accreditation Board for Testing and Calibration Laboratories (NABL) Accreditation activities was constituted on 26-05-2022.
- First meeting was conducted on 20-06-2022 to identify prospective labs for NABL accreditation.



## Functional Activities...



### ICAR Accreditation for VAIAL

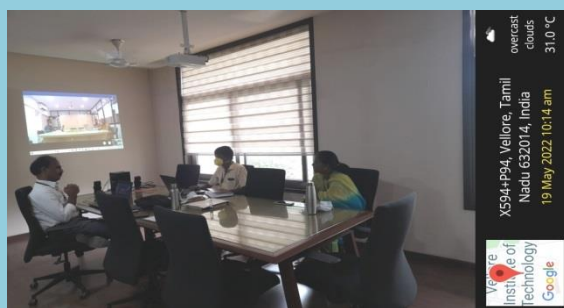
- DQAA is coordinating with VIT School of Agricultural Innovations And Advanced Learning (VAIAL) to obtain Accreditation from Indian Council of Agricultural Research (ICAR) for B.Sc. (Hons.) Agriculture programme.
- Meeting was held on 11-04-2022 to discuss on SSR preparation and formulate plan of action.

## Other Activities

### • Joint DQAA Team Meeting (Vellore & Chennai):

DQAA Joint campus meetings were conducted towards standardization of IQAC activities and data collection processes.

- › 04-05-2022
- › 19-05-2022
- › 20-06-2022



### • Data submission to TNSCST DOTE

In connection with DST compendium, the data submitted to Tamil Nadu State Council for Science & Technology on 07-06-2022.

### • Data Submission to Association of Indian Universities (AIU)

## RAAC Working Group

RAAC working group has been reconstituted with members from all academic and administrative units to support the functioning of institutional IQAC.

RAAC working group meetings were conducted on the following dates.

- › 15-01-2022
- › 03-02-2022
- › 26-05-2022
- › 24-06-2022



RAAC Working Group meeting on 26-05-2022

## OBE Implementation

- School level OBE coordinators were nominated.
- Training sessions on “Effective implementation of OBE” were organized.
- An awareness session on “NBA Framework” was organised.





# New Initiatives

## IQAC Hours



### IQAC Hours

- › IQAC Hours will be observed in every last Wednesday of every month 11:00 am to 1:00 pm. During these hours all the faculty members can submit their monthly data and concerned proofs in the IQAC-IIS portal.
- › The School/Centre RAAC working group members will verify and validate the same before **5<sup>th</sup> of next month**.
- › The Institutional Coordinators will generate the School/Centre wise data from the IQAC-IIS portal and submit a monthly report to the Vice Chancellor on or before **10<sup>th</sup> of every month**.

The image shows a promotional banner for IQAC Hours and a screenshot of the IQAC-IIS Portal. The banner features the VIT logo and text: "VIT Vellore Institute of Technology (Deemed to be University under section 3 of UGC Act, 1956) Directorate of Quality Assurance and Accreditation (DQAA) IQAC Hours A time for documentation of monthly activities... 27<sup>th</sup> April 2022 (last Wednesday of every month) 11:00 am - 01:00 pm". The portal screenshot shows the "IQAC- IIS Portal" login page with a "Login" button and instructions: "Use VTOP credentials to access the portal". It also includes a "Further Help" section with contact information: "@ ad4.sdc@vit.ac.in" and "0416 220 2158 / 2228". A large blue arrow at the bottom points to the login URL: "Login <https://iqac.vit.ac.in>".

## Unified IQAC Portal for Vellore and Chennai Campus

The image shows a screenshot of the Unified IQAC Portal. It features the "IQAC- IIS Portal" logo and two login buttons: "Login ( Vellore Campus )" and "Login ( Chennai Campus )". Below the buttons, it says "Use VTOP credentials to access the portal". To the right of the screenshot, text explains: "An unified IQAC portal for data collection from Vellore and Chennai campuses has been developed with the support of Software Development Cell (VIT-SDC) (<https://iqac.vit.ac.in>)".



# Events Attended



Attended

## NATIONAL CONFERENCE

Dr. Renuga Devi S, Deputy Director-DQAA and Dr. Ramanujam R, Asst. Director-DQAA have attended National Conference on “NEP 2020: Role of Private Sector in an Effective Implementation” on 28-03-2022 Hyatt Regency Pune conducted by Education Promotion Society for India (EPSI).

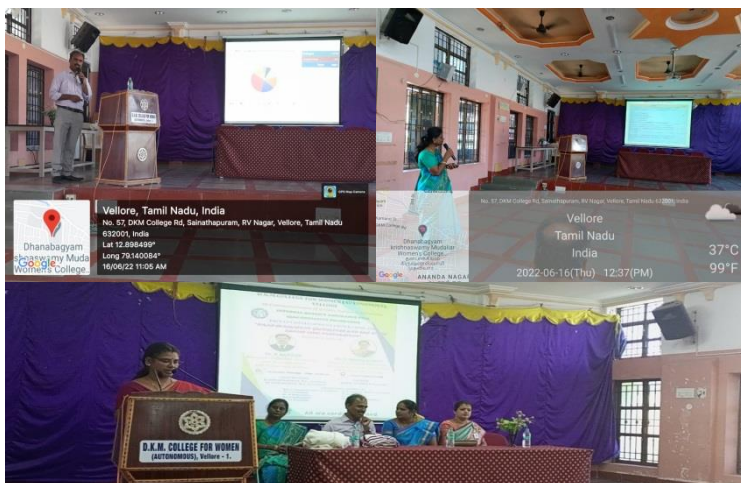
# Invited Talk Delivered



Invited Talk

## WEBINAR

Dr. Kuppan P, Director-DQAA and Dr. Renuga Devi S, Deputy Director-DQAA delivered lectures on “NAAC Evaluation Guidelines and Self Study Report (SSR) Preparation” in K.S.R College of Engineering (Autonomous), Tiruchengodu, Tamilnadu on 16-05-2022.



Invited Talk

## FDP

Dr. Kuppan P, Director-DQAA and Dr. Renuga Devi S, Deputy Director-DQAA delivered lectures on “NAAC Evaluation Guidelines and Self Study Report (SSR) Preparation” in D.K.M College for Women (Autonomous), Vellore, Tamilnadu on 16-06-2022.

### Invited Talk Delivered...



Invited  
Talk

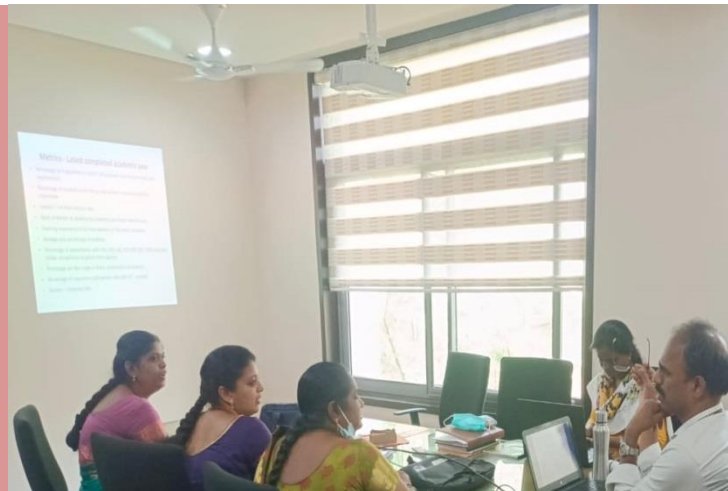
#### FDP

Dr. Kuppan P, Director-DQAA delivered a lecture on "Checklist for NAAC Preparation" in Sri Venkateswa college of engineering (SVCE), Sriperumbudur, Tamilnadu on 25-06-2022.

## Visitors to DQAA



IQAC team (Dr. C. Vinothini, Dr. N.Nithyapriya & Dr. T. Gomathi) from DKM College for Women (Autonomous), Vellore, visited O/o DQAA on 02-05-2022 to discuss NAAC Accreditation preparation.



## Food for Thought



The "teacher"

'at the centre of the fundamental reforms in the education system'

**The National Education Policy (2020) recommends recruiting the very best and brightest mind to enter the teaching profession at all levels, by ensuring livelihood, respect, dignity, and autonomy, while also instilling in the system basic methods of quality control and accountability.**

**National Education Policy-2020**

# VIT Credentials



University **9**      Research **10**      Engineering **12**      Overall **18**

## Shanghai (ARWU) Ranking of World Universities (2022)

VIT Ranked (in the World)  
**601 - 700**

VIT Ranked (in India)  
**2 - 3**



**WORLD UNIVERSITY RANKINGS**

By Subject, 2022

Seven Subjects are ranked by QS in **2022**

**Ranked 346<sup>th</sup> in the World in Engineering & Technology**

### Subject

Engineering & Technology - Overall  
Electrical and Electronic Engineering (EEE)  
Chemical Engineering  
Computer Science & Information Systems  
Mechanical and Manufacturing Engineering  
Chemistry  
Biological Sciences  
Mathematics

### World Rank

346<sup>th</sup>  
251 - 300  
301 - 350  
301 - 350  
301 - 350  
401 - 450  
551 - 600  
451 - 500

### India Rank

9  
8  
11  
8  
9  
10  
14  
11

Source : <https://www.topuniversities.com/subject-rankings/2022>

### Global Rank

88  
9  
201 - 300  
601 - 800



### India Rank

5  
3  
5 - 9  
18 - 27



### Overall

**Global Rank : 301 - 400**  
**India Rank : 9 - 11**

# Members of VIT IQAC

## Chairperson

- Dr. Rambabu Kodali, Vice Chancellor

## Management Representatives

- Dr. S. Narayanan, Pro Vice Chancellor (Vellore Campus)
- Dr. V. S. Kanchana Bhaaskaran, Pro Vice Chancellor (Chennai Campus)

## Administrative Representatives

- Dr. T. Jayabarathi, Registrar
- Dr. P.K. Manoharan, Additional Registrar (Chennai Campus)
- Dr. R. Murugavel, Controller of Examinations, Vellore
- Dr. Viswanathan V, Deputy CoE (Chennai Campus)
- Dr. Partha S Mallick, Director-Ranking & IoE
- Dr. Hemamalini S, Joint Director – Directorate of Ranking & IoE and DQAA (Chennai Campus)
- Dr. M. Anthony Xavier, Dean-Academics (Vellore Campus)
- Dr. Nayeemullah Khan, Dean- Academics (Chennai Campus)
- Dr. Arulmozhivarman P, Dean-Academic Research (Vellore Campus)
- Dr. P.C. Sabumon, Dean-Academic Research (Chennai Campus)
- Dr. Rasool M, Director-Sponsored Research and Industrial Consultancy (SpORIC) (Vellore Campus)
- Dr. Sivakumar R, Dean Sponsored Research and Industrial Consultancy (Chennai Campus)
- Dr. C. D. Najju, Director-Students Welfare (Vellore Campus)
- Dr. V. Rajasekaran, Director-Students Welfare (Chennai Campus)
- Dr. V. Samuel Rajkumar, Director-Career Development Centre (CDC)
- Dr. C. Vijayakumar, Director- International Relations
- Dr. Subaji M, Director- VITOL (Vellore Campus)
- Dr. C. Shanthi, Director-Library (Vellore Campus)
- Mr. S. Baskar, Chief Finance Officer
- Dr. S. K. Sekar, Director-Estates (Vellore Campus)
- Dr. S. Renuga Devi, Deputy Director-DQAA (Vellore Campus)
- Dr. A. Brintha Therese, Deputy Director-RAAC (Chennai Campus)
- Dr. M. Murugan, Assistant Director-RAAC (Vellore Campus)
- Dr. Gunabalan R, Assistant Director, Directorate of Ranking & IoE
- Dr. Ramanujam R, Asst. Director-DQAA (Vellore Campus)
- Dr. Thanikaiselvan V, Asst. Director-DQAA (Vellore Campus)
- Dr. David Maxim Gururaj A, Asst. Director-DQAA (Chennai Campus)
- Dr. Vijayakumar T, Associate Professor Grade 1 & Asst. Director-SDC
- Mr. C.M. Mohan Kumar, Asst. Director-Systems (Vellore Campus)

## Teachers

- Dr. Kalaichelvan G, Professor, VAIAL (Vellore Campus)
- Dr. S. Balakrishnan, Asst. Professor, SAS, (Vellore Campus)
- Dr. J.N. Swathi, Associate Professor, SCOPE (Vellore Campus)
- Dr. Annamalai K, Professor, SMEC (Chennai Campus)
- Dr. Sweetlin Hemalatha, Associate Professor, SCOPE (Chennai Campus)
- Dr. Sekar Sathya Narayanan, Assistant Professor, SENSE (Chennai Campus)

## Nominee from Local Society

- Mr. M. R Ravi Sankar, Advocate, Vellore

## Student Members

- Ms. Muskaan Kothari (18BCM0090), Student Representative (Vellore Campus)
- Mr. S. Charan (19BEC1114), Student Representative (Chennai Campus)

## Alumni Member

- Mrs. G. Muthazhagi, Consultant- IT, ERP, DT & BI | CI Strategist | Mentor, Alumni member

## Employer

- Mr. Elavarasu Krishnan , Sr. Director- Software Engineering, Dell Technologies, Bangalore
- Mr. Ganesh Thirunavukarasu, Acad. Relationship Manager, Tata Consultancy Services, Chennai

## Industrialist

- Mr. Ponnuswamy K, Managing Partner, Indira Industries, Ranipet, Industrialist

## Academia

- Dr. G.L. Samuel, Professor, Dept.of Mechanical Engineering, IIT- Madras

## Stakeholder (Parent)

- Mrs. Rtn. Devi N

## IQAC Coordinator

- Dr. P. Kuppan, Director-DQAA (Vellore Campus)
- Dr. Chitra K, Deputy Director – DQAA (Chennai Campus)



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