



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



**MINUTES OF THE 22nd MEETING OF
INTERNAL QUALITY ASSURANCE CELL
Saturday, February 10, 2024**



**Minutes of the 22nd Meeting of
Internal Quality Assurance Cell
Held on 10.02.2024 at 02.30 p.m.
Venue: International Conference Hall**



A. OPENING

22.1 Call to Order

Call to order for the 22nd Meeting of Internal Quality Assurance Cell (IQAC) on February 10, 2024.

22.2 To record the leave of absence of the members

Of the 24 members, Five members, Mr. K. Venugopal, Six Sigma Leader, ZF Commercial Vehicle Control Systems India Limited, Dr. E. Kannan, Professor & Registrar, Dr. A. T. Ravichandran, Professor & Dean (Academics), Dr. E. Suresh Paul, Professor & Dean/ SoMTC, Ms. Pasupuleti Rekha Shanmukhi, (VtU19523), 3rd Year CSE have expressed their inability to attend the meeting due to personal commitments.

Please refer to Appendix 1 (Page No. 10) for the members' attendance sheet.

22.3 To review the action taken on the decisions of the 21st Meeting of IQAC held on August 12, 2023

The Vice-Chancellor presented the Action Taken Report of the 21st Meeting of IQAC. The observations and actions taken are shown below:

Agenda No.	Observations	Action Taken
21.5	To discuss Ph.D. Admission Statistics for the AY 2022-23 & measures taken for improving full-time Ph.D. in the AY 2023-24	<ul style="list-style-type: none">▪ Initiated measures by motivating scholars to complete Ph.D. on time▪ Full-time Ph.D. admissions have been improved from SS 2023-24 to WS 2023-24▪ Ph.D. graduation has been significantly improved with the revision of publication guidelines for M.B.A., Law, and English.
21.6	To discuss the Plan of action/ Action taken on	<ul style="list-style-type: none">▪ Initiated following Rubrics in all laboratories, Scheme of Evaluation

	the Academic Audit for the AY 2022-23	<p>across all the departments</p> <ul style="list-style-type: none"> ▪ Steps were taken to increase faculty participation in FDPs ▪ Guidelines for identifying Slow learners and Fast Learners are circulated among faculty and initiated to follow the same ▪ Ensured more than 20% of Syllabi revision based on Local, National and Global needs
21.7	To discuss the faculty contribution to Projects, Publications & Patents – A comprehensive analysis of the CY/ FY/ AY 2022-23	<ul style="list-style-type: none"> ▪ Revised the incentive policy to motivate the faculty to contribute to Projects, Publications and Patents ▪ Observed improvement in Scopus-indexed publications from 1190 to 1473 and granted patents to a total of 50
21.8	To discuss and consider the questionnaire prepared for Administrative Audit for the Office of Controller of Examinations	<ul style="list-style-type: none"> ▪ A review of the implementation of the Administrative Audit in various peer institutions is in progress.

Prof. Muttan suggested preparing an impact analysis.

22.4 Approval of Agenda of 22nd Meeting of IQAC

The members approved the Agenda of the 22nd Meeting of IQAC.

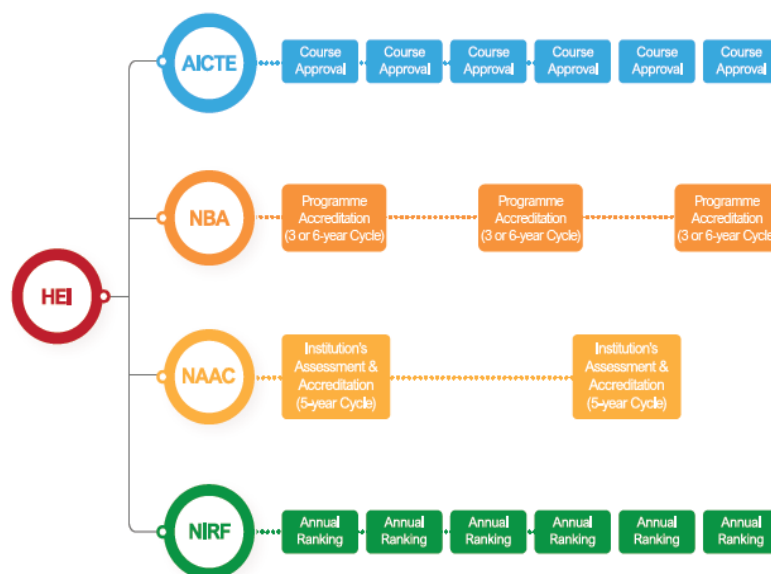
Please refer to Appendix 2 (Page No. 11) for the Agenda.

B. ITEMS FOR DISCUSSION AND CONSIDERATION

22.5 To explore the perspective of "Accreditation and Excellence" in alignment with the National Education Policy (NEP) 2020

Dr. M. Rajeev Kumar, DQA, discussed the perspective of "Accreditation and Excellence" in alignment with the National Education Policy (NEP) 2020. DQA presented the report submitted by Dr. K. Radhakrishnan, Chairperson, Standing Committee of IIT Council, to the Ministry of Education (MoE).

- The National Education Policy (NEP) 2020 proposes implementing a Binary Accreditation for institutions categorized as accredited or not accredited rather than graded.
- Maturity-based graded Accreditation (level 1 to level 5) encourages accredited institutions to raise their bar from level 1 to level 4 as institutions of National Excellence level 5 as Global Excellence for Multi-Disciplinary Research and Education. Accredited institutions are classified into levels ranging from 1 to 5, with level 1 denoting low performance and level 5 reserved for institutions demonstrating global excellence.
- The National Education Policy (NEP) 2020 proposes integrating both institution- and Program-level accreditation. According to these guidelines, NAAC accreditation is mandatory, while NBA accreditation is optional for institutions.
- The primary recommendation is One Nation One Data (ONOD), which seeks to streamline data provision to agencies such as AICTE, NAAC, NBA, and NIRF within specific timeframes to avoid redundant data collection.



One Nation One Data (ONOD)

DQA indicated that data is submitted annually to AICTE and NIRF, every three or six years to NBA, and once every five years to NAAC. The committee aims to establish a unified data collection and validation platform. Prof. Muttan has suggested concentrating on how NEP 2020 and NAAC criteria are to be integrated; DQA assured him that he will look into it.

22.6 To discuss activities and statistics aimed at enhancing placement outcomes

Dr. P. Vijayaraman, DCC, presented the present-year placement statistics. The table below shows the career choice distribution for 2024 passing students and placement statistics for 2024.

Career Choice	No. of Students Enrolled	Percentage
Placement	1244	72.87 %
Higher Studies	302	17.69 %
Others	161	9.43 %
Total	1707	100 %

Placements Statistics -2024	
student enrolled	1244
Drives	148
offers	496
Student Placed	464
Core Engineering Recruiters	49
Highest CTC	17.9 LPA

DCC has indicated that, besides attending placement drives, students are actively involved in training programs, mock interviews, and monthly contests, regardless of the academic schedule. DCC has briefed the committee that the decline in placements is attributed to a shift in the current trend towards pursuing higher studies. In 2022, 100 students opted for higher studies; in 2023, this number increased to 360. The below table shows placement statistics for 2024.

Placements 2024	
Students completed registration	1707
Student enrolled for Placement	1244
Student Eligible for Placement	1090
Students Placed	464
Placement % vs. Semester registration	27.18%
Placement % vs. Placement enrolment	32.29%
Placement % vs. Eligibility	42.56%

Prof. Muttan inquired about the difference between the number of students

enrolled (1244) and the number of eligible (1090). DCC said this is because of students' arrears, and most companies prioritize recruiting students without any backlogs for placement. Mr. Viswanathan inquired about feedback collection procedures and current actions. DCC informed that based on feedback, it introduced Mainframe specializations and recruited 30 students. Recently, the Institute has collaborated with Price Waterhouse Coopers (PWC) for cyber security training, Accenture for Spanish & Italian language training, AtoS for new computer science specialization programs, and Genpack for tech skills.

Mr. Ranjith A expressed concerns about the current low demand in companies and asked about the steps to address this issue. He highlighted the increasing demand for Artificial Intelligence (AI) and Large Language Models (LLM) in IT companies, which are also becoming essential for non-IT sectors. Dr. V. Srinivasa Rao, Dean SoC, informed the committee that they have been focusing on generative AI for the past six months, with approximately 500 students enrolled in related courses.

Mr. Viswanathan proposed faculty training for student instruction. Dr. V. Srinivasa Rao assured faculty training in AI, DS, and coding for upcoming academic years. During the initial two semesters, students will concentrate on mastering the fundamentals of the course, followed by advancing to tackle intricate challenges over the subsequent two years.

	AY 2022-23	AY 2023-24
Core Engineering	261	123
IT Product	117	19
IT	885	204
Others	34	118

Mr. Viswanathan emphasized that non-IT companies were recruiting IT students due to high demand and stressed the importance of preparing students for job opportunities, suggesting additional training to improve their prospects. Prof. Muttan asked about brochures on previous company placements and suggested creating them if they don't exist to attract student interest. Mr. Viswanathan proposed a database on companies' preferences and preparation tips for future reference. Mr. Ranjith inquired about startup promotions. Mr. J.E. Simon shared his son's success story, highlighting the importance of supporting

startups. DCC preferred startup companies and assured their authorization verification.

22.7 To discuss strategies and activities to enhance opportunities for higher studies, both domestically and abroad.

Dr. P. Suresh, DINT, presented the AY 2023-24 activities. The AY 2023-24 highlight is shown in the table below.

International Relations at Vel Tech	
MoUs Signed with universities/ organizations worldwide to enhance academic and research collaboration	11
Students benefited through 24 courses delivered under the IHL category by professors from foreign universities	853
Students learned the foreign language course in German, French, Mandarin Chinese, Spanish and Japanese	284
students offered abroad Higher Studies of 2023 graduates	366
Students travelled abroad for Summer Program, Research Internship and Semester Abroad Program	130
Students admitted to Vel Tech to pursue various degree programs from different countries	21

DINT expressed that ETS India Private Limited has partnered with Vel Tech to establish an On-Campus Test Centre for English Proficiency exams (such as GRE, TOEFL, and GMAT) at discounted rates. DINT shared that international student mobility has improved this year after the pandemic. Mr. Viswanathan asked about capturing student interest towards higher studies, which DINT indicated would happen in the 3rd year. He also proposed encouraging students to take the GATE exam for improved placement opportunities, potentially benefiting Public Sector Undertakings (PSUs). Prof. Muttan discussed UGC's recent recommendation for joint degree collaborations, which DINT confirmed ongoing discussions with 25 institutions. Prof. Muttan suggested establishing

campuses in foreign countries like South Africa to promote education and highlighted the vision of internationalizing higher education at Vel Tech.

22.8 To explore the possibility of offering additional internships with academic credits to enhance students' employability.

Dr. P. Chandrakumar, Dean (DIND & TBI), outlined the minimum credit requirements for regular students across different course categories. DIND noted a decline in student participation in industry projects and internships due to a preference for credit courses recommended by industry or higher learning experts. DCC proposed conducting placement training and drives in the 7th semester to prevent disruptions caused by internships, suggesting a shift of internships to the 5th or 6th semester to maintain placement effectiveness.

DIND outlined different internship options. In the first option, students will be asked to fill out a willingness form at the end of the 5th semester to choose between internship or non-internship tracks. If a student opts for an internship in the 6th semester, they will complete pending coursework and their major project in the 8th semester. In the second option, students asked for a compulsory mini-project to be completed during the semester holidays.

Mr. Viswanathan suggested faculty industry training, supported by Prof. Muttan, who proposed that 10% of faculty undergo such training, which could have a national-level impact. Prof. Muttan stressed the importance of making the GATE exam mandatory for recruitment and aligning syllabi with its content. He proposed integrating GATE topics into teaching to avoid needing separate coaching.

C. ITEMS FOR REPORTING

22.9 To report the pre-qualifier status of the NBA (B.Tech. in Biotechnology & Master of Business Administration)

DQA reported the submission of applications to NBA for the following programmes.

- B.Tech. Biotechnology
- Master of Business Administration

In addition, DQA mentioned that prequalified submission, as well as the SAR preparation, is in progress

22.10 To report the Rankings Participated

DQA shared his happiness in obtaining the following recognitions.

- Category-1 recognition by UGC
- Recognition 12B status

Also added, these recognitions are based on NAAC A++ accreditation status.

DQA also shared that The Institution of Engineers (India) has awarded Vel Tech “Engineering Education Excellence Award 2023”.

DQA has informed the members regarding participation in

- NIRF India Ranking 2024
 - Engineering
 - Management
 - overall
 - Innovations
- THE World University Rankings 2025
- The Impact Ranking 2024
- QS World University Ranking 2025
- The Indian Society for Technical Education
- ISTE-KIIT National Award for Best Technical University
- DQ-CMR Best Tech Schools Survey 2024

22.11 Any other item(s) with the permission of the Chair

The Dean of Industry Relations requested the chair to discuss the replacement of Mr. K. Venugopal, who serves as a Member representing the industry. Mr. Venugopal has been unable to contribute to recent meetings due to his extensive official and personal commitments. Also, he suggested that Mr. Aravind, DGM – Engine Machining & EV Projects, Project Planning, Ashok Leyland Limited, shall be included as a replacement. After discussion, it was decided to replace Mr. K. Venugopal in the meeting constitution with Mr. Aravind. In addition, Dean Quality Assurance requested the chair to include Dr. K. Jagajjanani Rao, Dean Academic Research, as a Member (Senior Administrator) of IQAC.

Amendments to the constitution were proposed and approved during the meeting to reflect the change.

22.12 To consider and approve the date for conducting the next IQAC meeting

The next meeting of IQAC will be during the first week of May 2024.

22.13 To conclude with the Vote of Thanks by Dean (QA)

Dr. M. Rajeev Kumar (DQA) proposed the vote of thanks.



Member Secretary

Dr. M. Rajeev Kumar
Dean - Quality Assurance

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Chairman

Prof. S. Salivahanan
Vice Chancellor

Vel Tech
Rangarajan Dr. Sagunthala
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Appendix 1 Members Present/ Absent

1. Prof. S. Salivahanan,
Vice Chancellor
2. Mrs. Rangarajan Mahalakshmi K.,
Chairperson and Managing Trustee
3. Dr. S. Muttan,
Professor of Eminence, Centre of
Medical Electronics, Department of
ECE, College of Engineering, Anna
University Guindy, Chennai.
4. Mr. Viswanathan Venkata
Subramanian,
Senior Manager, Talent Acquisition,
Wipro Limited, Chennai.
5. Mr. Ranjith A (VT No. 071),
Partner Cloud Solution Architect,
Microsoft Corporation.
6. Mr. J. E. Simon,
Station Manager Railways (Retired).

Senior Administrator

7. Dr. R. Sivaraman,
Controller of Examinations
8. Dr. P. Chandrakumar,
Professor, Dean R&D and Dean
(Industry Relations & TBI)
9. Dr. P. Suresh,
Professor & Dean (International
Relations & HRDC)
10. Dr. P. Vijayaraman,
Dean (Campus to Corporate), Vel Tech.

Senior Faculty

11. Dr. V. Srinivasa Rao,
Professor & Dean/ SoC, Vel Tech.
12. Dr. R. S. Valarmathi,
Professor & Dean/ SoEC

Chairperson

Member
(Management representation)
Member (Academic Expert)

Member (Employer
representation)

Member (Alumni
Representation)

Member (Local Nominee)

Senior Faculty

13. Dr. N. Lenin,
Professor & Dean (SoMC)
14. Dr. M. Siva Kumar,
Professor & Dean/ FME
15. Dr. B. Venugopal
Professor & Dean/ SoL
16. Dr. M. S. R. Mariyappan,
Professor & Dean/ SoM
17. Dr. Mathew Alphonse,
Assistant Professor (Mech.)

Student Nominee

18. Ms. Sneha Paul. J
(VtA1179),
3rd Year B.A. LL.B

Member Secretary

19. Dr. M. Rajeev Kumar,
Dean (Quality Assurance)

Members not attended the meeting.

- Mr. K. Venugopal, Six Sigma Leader, ZF Commercial Vehicle Control Systems India Limited, Chennai.
- Dr. E. Kannan, Professor & Registrar
- Dr. A. T. Ravichandran, Professor & Dean (Academics)
- Dr. E. Suresh Paul, Professor & Dean/ SoMTC
- Ms. Pasupuleti Rekha Shanmukhi, (VtU19523), 3rd Year CSE



**AGENDA FOR 22nd MEETING OF INTERNAL
QUALITY ASSURANCE CELL**

Date: 10.02.2024 **Time:** 02.30 p.m.

Venue: International Conference Hall



Opening

Item No.		Presenter
22.1	Call to Order	Chair
22.2	To record the leave of absence of the members	Chair
22.3	To review the action taken on the decisions of the 21 st Meeting of IQAC held on August 12, 2023	Chair
22.4	Approval of the Agenda for the 22 nd Meeting of IQAC	DQA

A. Items for Discussion and Consideration

Item No.		Presenter
22.5	To explore the perspective of "Accreditation and Excellence" in alignment with the National Education Policy (NEP) 2020.	DQA
22.6	To discuss activities and statistics aimed at enhancing placement outcomes.	DCC
22.7	To discuss strategies and activities to enhance opportunities for higher studies, both domestically and abroad.	DINT
22.8	To explore the possibility of offering additional internships with academic credits to enhance students' employability.	DIND

B. Items for Reporting

Item No.		Presenter
22.9	To report the pre-qualifier status of the NBA (B.Tech. in Biotechnology & Master of Business Administration)	DQA
22.10	To report the Rankings Participated	DQA
22.11	Any other item(s) with the permission of the Chair	
22.12	To consider and approve the date for conducting the next IQAC meeting.	
22.13	To conclude with the Vote of Thanks by Dean (QA)	