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

Date: 15/10/2019

Minutes of 11th IQAC Committee Meeting

Date & Time : 11.06.2019 & 10.30 AM

Venue : Vice Chancellor Office

Meeting called to order at 10.30 AM by Chairman **Prof. V. S. S. Kumar,** Vice Chancellor

The Vice Chancellor welcomed the members of the IQAC committee.

Members attended the meeting

Dr. A. Koteswara Rao, Professor& Director (Academics)

Dr. P. Sarasu, Professor& Director (R&D) & Director (Industry Relations)

Dr. V. Parthasarathy, Professor& Director (Campus to Corporate)

Dr. S. Sivaperumal, Associate Professor& Director (International Relations)

Mrs. N.S. Prema, Registrar

Dr. R. Sivaraman, Controller of Examinations

Dr. Sharad Mhaiskar, Pro-Vice Chancellor, SVKM's NMIMS

Mr. Viswanathan Venkata Subramanian, National Head- Engineering Hiring, WIPRO Limited

Mr. R. Vinoth (VT1819), Project Manager, Mphasis

Dr. V. Jayasankar, Professor& Dean/ SoEC

Dr. A. T. Ravichandran, Professor& Dean/ SoMC

Dr. A. Subramanian, Professor& Dean/ SoL

Dr. J. Viswanath, Associate Professor (Mathematics)

Dr. N. Vinoth Kumar, Assistant Professor (ECE)

Dr. A. Abudhahir, Professor& Director (Quality Assurance)

Members who could not attend the meeting

The members, who haven't attended the meeting, conveyed their leave of absence to the Chair/ Member secretary.

Mr. K. Venugopal, Six Sigma Leader, WABCO India

Mr. J. E. Simon, Station Manager, Local Society Nominee

Dr. N. Gomathi, Professor (CSE)

Mr. Donga Hemanth (VtU 9146), III year CSE

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Approval of Agenda

Motion: To approve the agenda for 11th IQAC meeting held on 11th June 2019

Resolved: Agenda for the meeting on 11th June 2019 approved without modification.

Vote: Motion Carried.

The detailed discussion on agenda item #11.4 with action(s) to be taken and Person(s) responsible is given below.

Item #11.4: NIRF India Rankings 2019 Parameter Analysis

Brought forward by: DQA

Discussion:

DQA presented the comparative analysis of NIRF scores for past three years under engineering category. Six deemed to be universities and five other institutes were compared to analyse the parameters for NIRF Rankings.

Parameter 1: Teaching, Learning & Resources (TLR)

DQA pointed out that the institute maintains Faculty and Student ratio 1:15 but the NIRF scores are low. He also stated the reason that NIRF calculates the Student faculty ratio till April, but new faculty members are appointed in the month of July or August. Hence this count is not accounted for their calculation. He also mentioned about the students admitted against sanction intake, which is comparatively lesser. Another criterion where the scores are less is also pointed by DQA. Under Faculty Quality, faculty members possessing Ph.D is around 35% currently, whereas if it increased to 95% and above, then the scores will be boosted up.

Parameter 2: Research and Professional Practice (RPC)

DQA presented the comparative analysis of the scores of research publications, IPR, FPPP of the mentioned universities. DA suggested taking a couple of interventions to improve research. He also suggested concentrating more on two interventions so that we can achieve the two interventions – to allot budget for increasing Fulltime Ph.D, attract international scholars. DCA also agreed that only if the scholars are increased, publications will be increased. DQA requested to suggest some parameters to increase count on research, student ratio, faculty quality, fulltime Ph.Ds. Dr. Sharad suggested to go for attractive incentives.

Parameter 3: Graduation Outcomes (GO)

While presenting the Graduation Outcomes, Mr. Viswanathan questioned on the basis of calculation of Graduation Outcomes. DQA replied that the GOs are calculated against students' sanctioned intake and the number of students graduated. DA said that the students intake fluctuates based on the demand. DA further added that survey has to be done to find out the needs and demands. Dr. Sharad suggested to have a long term futuristic goal.

Parameter 4: Outreach and Inclusivity (OI)

DQA mentioned that girl student diversity is 15% and Women faculty diversity is 32%. Based on

the NIRF India Rankings 2019, it is discussed that measures to be taken to increase Gender ratio from 15% girls student to at least 30%.

Parameter 5: Perception (PR)

DQA mentioned that the score is very low in perception. Dr. Sharad pointed out that all the students, faculty members, industry people, parents and peers should take part. He also added that the perception can be increased through Digital Marketing.

Action(s) Suggested/ Recommended	Person(s) responsible
a) Focus on increasing the count for Full Time Ph.D candidates	Placed and discussed in BOM
b) Student gender diversity to be increased	Committee has been constituted with the following members. • Dr. E. Kannan, Director (Campus Affairs) - Convenor • Dr. N. M. Masoodhu Banu, HoD (Biomedical Engineering) - Member • Dr. R. Jothilakshmi, HoD (Physics) - Member
c) Improve perception rate through digital marketing	Committee has been constituted with the following members. • Dr. S. Sivaperumal Director (International Relations) - Convenor • Mrs. M. Vani, GMDM - Member • Mrs. L. Ramalakshmi, HoD (Media) - Member

The detailed discussion on agenda item #11.5 with action(s) to be taken and Person(s) responsible is given below.

Item #11.5: ARIIA 2019 Parameter Analysis

Brought forward by: DQA

Discussion:

DQA presented the parameters for ARIIA 2019 rankings. He proudly mentioned that Vel Tech has secured 5th rank among the private institutions across India. He also appreciated and congratulated for the sincere efforts taken by Director Industry Relations and R&D. Mr. Vinoth shared his experience at Kalinga University (Second position in ARIIA Rankings 2019). He mentioned that the university conducted a data analysis and found that the student, who spends more time in research laboratories, gets placed easily irrespective of CGPA. He also suggested motivating students to spend time in research labs.

DA mentioned about students' less participation in innovative contests. Mr.Viswanathan requested DCC to have a separate team to work on students participation which in turn creates positivity and perception change. Such participations would also be helpful in acquiring internships, cash awards etc. Initially the best coders can be identified and they can be sent to participate in such contests. DA pointed out that Dr. Srinivasa Rao, Dean SoC is conducting/ motivating coding competitions which helps students to practice. Mr. Viswanathan suggested to run our own competitions. DCC replied that Capgemini has accepted to offer one such contest shortly. He also pointed out that Vel Tech tops the list in registration under TCS. DIND

also mentioned that TBI selects 20 teams at the end of each semester and the best teams are awarded with prizes.

The detailed discussion on agenda item #11.6 with action(s) to be taken and Person(s) responsible is given below.

Item #11.6: Faculty Exit Feedback Analysis
Brought forward by: DA
Discussion:
DA explained the existing practice of getting feedback from the exiting faculty. After discussion, DA requested to submit the strongly disagreed points from DQA's office, so that some remedial measures can be taken on the issue.

Action(s) Suggested/ Recommended	Person(s) responsible
Faculty exit feedback form to be revised	Committee has been constituted with the following members. • Dr. A. Koteswara Rao, Director (Academics) - Convenor • Mrs. N. S. Prema, Registrar - Member • Dr. A. T. Ravichandran, Dean (SoMC) - Member • Dr. R. Jaganraj, HoD (Aero) - Member

The detailed discussion on agenda item #11.7 with action(s) to be taken and Person(s) responsible is given below.

Item #11.7: Faulty Feedback on effective Time Management
Brought forward by: DQA

Discussion: Deferred

The detailed discussion on agenda item #11.8 with action(s) to be taken and Person(s) responsible is given below.

Item #11.8: Audit Parameters for Placement and Training
Brought forward by: DCC

Discussion:
DCC explained that, recently with the help of DQA audit parameters were drafted. DQA acknowledged that some modifications have to be made in Placement Audit Report. VC insisted to take necessary measures for those who are not eligible for placement and to identify the gap between the students and companies. DA suggested to set some limitations to the companies that visit for recruitment and also recommended to collect feedback from the zero selection companies. Mr. Viswanathan suggested to get feedback from all the companies that come for recruitment. Dr. Sharad suggested to collect feedback from the students who attend the interview and also to have some list of companies constantly so that it helps us to fulfill their needs. DA suggested to get feedback from industry during the period of November and December.

Action(s) Suggested/ Recommended	Person(s) responsible
Modify Placement Audit Report	Committee has been constituted with the following members.
Collect feedback from the recruiters	• Dr. V. Parthasarathi, Director (Campus to Corporate) - Convenor • Dr. E. B. Perumal Pillai, Director (HRDC) - Member • Dr. A. Subramaniyan, Dean (SoL) - Member

The detailed discussion on agenda item #11.9 with action(s) to be taken and Person(s) responsible is given below

Item #11.9: Plan of Action for the Academic Year 2019-20

Brought forward by: Respective Directors

Discussion:

The respective directorate heads presented their Plan of action for the Academic Year 2019-20. The details are as follows:

Sl. No.	Plan of Action	Target / Remark (Quantitative/ or Qualitative)
	Directorate of Academics	
1.	Starting of New Programmes	Bachelors in sciences
2.	Curricular Reforms	To revise all the curriculums offered in university by bringing university wide approach and making the curriculums agile
3.	Innovative Teaching Methods	Training to faculty members on various teaching learning approaches. Modernization of class room to suit to active learning by students
4.	Faculty Development & Training	Faculty industry internships, international teaching/research stays, focused teaching skill improvement programs to faculty with internationally reputed experts
5.	Students Achievement & Awards	
6.	Organizing National/ International Events	One international and national conference by each school
	Directorate of Industry Relations	
1.	MoU with Industry	10
2.	Internship	60%
3.	Credit Courses by Industry personnel	30
4.	Consultancy Projects	10
5.	Patent (Filing and Granted)	15

	Directorate of Research & Development	
1.	Research Publications	750
2.	Research Projects	5 – external agencies
3.	Seed grant (No of Projects and Amount)	50 and 1 crore
	Directorate of International Relations	
1.	Students Outbound and Inbound	**Outbound:** 8 - 9% of final year **Inbound:** 10 students
2.	Faculty Outbound and Inbound	**Outbound:** 5 faculty members for 3 months **Inbound:** 20 Faculty members for at-least 30 hours course
3.	MoUs with Foreign Universities	**10**
4.	Higher studies in Abroad	**15**
5.	Credit Courses by International Faculty	**As per Inbound Faculty (Sl. No. 2)**
	Directorate of Campus to Corporate	
1.	Training	Complimentary skill courses: At present, there are five complimentary courses we offer to the students namely Soft skill I, Soft skill II, Aptitude skill I, Aptitude skill II, and Employability skill course. Instead of these five courses we have decided to offer four advanced courses from second year onwards. Training for dream, super dream companies: Earlier, to attend dream offer drives, we identify the creamy students from third year. But now, we have proposed to identify the creamy students right from second year. Niche technical training: It is planned to start the niche technical training such as PEGA, Service Now, MongoDB etc.
2.	Placement in IT and ITES	It is planned to increase the placement percentage of IT, ITES companies by conducting Company Specific Training Program for all the students who are qualified to register.
3.	Placement in Core Companies	It is planned to attract more core companies to visit the campus for recruitment thereby to increase the placement percentage.
4.	Super Dream/ Dream offers	It is planned to grab more placement opportunities in Dream, Super Dream companies

		through competition in addition to the regular campus recruitment
Directorate of Human Resources Development Centre		
1.	Faculty Development Programmes	Summer Semester – 2 Programmes Winter Semester -- 2 Programmes
Directorate of Quality Assurance		
1.	Internal Quality Assurance Cell (IQAC) committee meeting	Four meetings per year (June, Sep, Dec, March)
2.	Preparation of Annual Quality Assurance Report (AQAR)	AQAR for the Academic Year 2018-19 has to be prepared and uploaded before November 2019
3.	Accreditations	1. **ABET** – CSE, ECE and Mech (2020-21 Cycle) 2. **IET** – Initial Review Under preparation for Seven B.Tech programmes (Aero, Auto, CSE, ECE, EEE, IT and Mech) 3. **NBA** – Planned to go for B.Tech (EEE & IT), MBA and Two M.Tech programmes 4. **NAAC II Cycle** – To initiate the preparation of IIQA and SSR
4.	Rankings & Rating	**Rankings** 1. NIRF India Rankings 2020 2. ARIIA 2020 3. Time Higher Education (THE) World University Ranking 2020 4. QS World University Ranking 2020 5. GHRDC-CSR Engineering College/ Institute Survey 2020 6. Times Annual Engineering Ranking Survey 2020 7. The Week – Hansa Research Best University Survey 2020 8. The Week – Hansa Research Best College Survey 2020 9. Outlook – Drshti Engineering College Survey 2020 10. digitalLEARNING – Top Ranking Engineering Institutes of India 2020 11. digitalLEARNING – Top Private Universities Ranking 2020 **Rating** 1. QS Stars
5.	AISHE 2019-20	To be upload the institutional data in All India Survey on Higher Education for the Academic Year 2019-20 by December 2019

6.	Organizing/ Participating Quality Related programs	Neuro-linguistic programming (NLP) for Academic Administrators/ Officials Quality Related Programs for External Participants – 2 Quality Related Programs for Internal Participants – 4 To attend the ABET workshop To attend CDIO international & Regional Conferences
7.	Academic Audit for the Academic Year 2019-20	Academic Audit to be conducted by inviting external experts for the Academic year 2019-20 during May 2020.
8.	Interim Feedback Analysis	Interim feedback to be collected and analysed Summer Semester – September 2019 Winter Semester – March 2020
9.	Audit Manual Preparation	Revision of Academic Audit Manual Version 1.0 Audit manual to be prepared for the other Directorates/ Offices

The details of reported items are given below.

Item #11.10: Accreditation
Presented by: DQA
Description:
 ➢ ABET:- DQA reported to the committee that Readiness Review Report is under preparation for the following B.Tech Programme.
   ❖ Computer Science & Engineering
   ❖ Electronics & Communication Engineering
   ❖ Mechanical Engineering
 ➢ IET:- Initial Review under progress for the following B.Tech Programme.
   ❖ Automobile Engineering
   ❖ Aeronautical Engineering
   ❖ Computer Science & Engineering
   ❖ Electronics & Communication Engineering
   ❖ Information Technology
   ❖ Electrical and Electronics Engineering
   ❖ Mechanical Engineering

Item #11.11: Ranking and Rating Received
Presented by: DQA
Description:
DQA reported to the committee members about the Ranking and Rating Received.
 ❖ ARIIA 2019 ranked Vel Tech as fifth among privately funded Institutions in India.
 ❖ QS-I Gauge 2019 overall rated the institution with Diamond rating.
 ❖ NIRF ranked Vel Tech under the Category: Engineering – 86th, University – 101-150

Band, Overall – 150-200 Band.

- ❖ SCIMAGO ranked the institution in Research – 3rd in India and Overall – 22nd in India.
- ❖ UniRank ranked the Position of Vel Tech among Deemed Universities: 3rd Position in Chennai, 7th Position in Tamil Nadu, 25th Position in India.
- ❖ digitalLearning rated Vel Tech as 3rd Position in Tamil Nadu,12th Position in National under Engineering category & AAAA+ under University category. Data Quest ranked the institution as Top T-Schools in India 2019 Rankings – 63, Top T-Schools (Private) – 43.
- ❖ Times Engineering ranked Veltech as 4th Position in India (Overall Ranking) and 2nd Position in India among Private Engineering Institutes.

Item #11.12: Ranking Applied

Presented by: DQA

Description:

DQA informed that Vel Tech has applied for the following rankings for the year 2019-2020.

- ❖ QS World University Ranking 2019 –Asia, BRICS, World University.
- ❖ Times Higher Education (THE) World University Ranking 2019.
- ❖ The Week Hansa Researh - Hansa Research Best University Survey 2019, Hansa Research Best College Survey 2019.
- ❖ Outlook – Drshti Engineering College Survey – 2019

Item #11.13: Branding

Presented by: DQA

Description:

DQA mentioned that for Branding, a one page advertisement was given in Data Quest - "DataQuest Top T School Survey 2019" and in DL Digital Learning - "Top Private Engineering Institute of India Rankings 2019".

Item #11.14: Quality related programmes Attended

Presented by: DQA

Description:

DQA stated that Mr. Rajeev IQAC-Head and Mr. Mathew attended One-day workshop on Assessment and Accreditation conducted by NAAC on 09th January 2019.

Item #11.15: AISHE 2018-19

Presented by: DQA

Description:

DQA informed that the institution has uploaded the data of university for AISHE 2018-19.

Item #11.16: Conduct of Academic Audit by External Experts for the Academic Year 2018-19

Presented by: DQA

Description:

DQA informed that the Audit was completed for the academic year 2018 -19 for all the departments inviting external auditors along with internal faculty members.

Item #11.17: Feedback
Presented by: DQA
Description:

DQA mentioned that the Interim Feedback Analysis for Winter semester 2018-19 was collected, analyzed and intimated to course handling faculty through HoDs .

Any other Item:

Prof. Dr. P Sarasu, Director R&D suggested to prepare Audit manual for Office of Controller of Examinations.

Action(s) Suggested/ Recommended	Person(s) responsible
To prepare an Audit manual for Office of Controller of Examinations.	Committee has been constituted with the following members. • Dr. R. Sivaraman, CoE - Convenor • Dr. S. Irudhayaraj, Dean (Hostels) - Member • Dr. N. Malarvizhi, Professor (CSE) - Member

The Director (QA) thanked all the members for spending their valuable time towards the quality enhancement of VTU. Vote of thanks was proposed by the Registrar.

Date of next meeting: 3rd week of September 2019

15|10|'19

Member Secretary
(IQAC Committee)

Prof. Dr. A. Abudhahir
Director Quality Assurance

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CHAIRMAN
(IQAC Committee)

Prof. V. S. S. Kumar
Vice Chancellor

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