



## **20<sup>th</sup> IQAC MEETING**

Date : 12-11-2022


Time : 2.30 PM

Venue : Conference Hall

### **AGENDA**

Agenda No.	
2022/ IQAC / 20.1	Review and approval of 19 <sup>th</sup> meeting minutes <i>by Dr.AA. Arivalagar, IQAC Coordinator</i>
2022/ IQAC / 20.2	Academic Activities completed in the academic year 2021-22 and activities planned for the academic year 2022-23 <i>by Dr.S.Anbumalar, Dean Academics</i>
2022/ IQAC / 20.3	Activities carried out in the academic year 2021-22 and the plan of Activities for the academic year 2022-2023 for the School of Architecture <i>by Dr. S. Manoharan, Principal, School of Architecture</i>
2022/ IQAC / 20.4	Conduction of End Semester Examinations and Publication of Results <i>by Dr. S. Jayakumar, Controller of Examinations</i>
2022/ IQAC / 20.5	Research and Development Activities for the academic year 2021-22 <i>by Dr. K. Velmurugan, Dean Research &amp; Development</i>
2022/ IQAC / 20.6	Placement Activities in the academic year 2022 -23 <i>by Dr. N. S. N. Cailassame, Placement Officer</i>
2022/ IQAC / 20.7	Institutional Ranking Process for the academic year 2021-22 <i>by Dr. P. Raja, Professor and HOD/ECE</i>
2022/ IQAC / 20.8	Various Training activities for the academic year 2021-22 <i>by Dr. J. Madhusudhanan, HOD/AI&amp;DS, Training Coordinator</i>
2022/ IQAC / 20.9	Any other items with permission of chair

  
Dr.AA. Arivalagar  
IQAC Coordinator

  
Dr. V. S. K. Venkatachalapathy  
Director cum Principal



**MINUTES OF THE  
20<sup>th</sup> INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING**

**Date:** 12.11.2022

**Venue:** Audio Visual Room

**Time:** 10.30 am

**Chair:** Dr.V.S.K.Venkatachalapathy, Director cum Principal

**Members Present:** Shown in Annexure I

- Dr. V.S.K.Venkatachalapathy, Director cum Principal extended a cordial welcome to the members of Internal Quality Assurance Cell (IQAC) and declared the meeting open.
- Dr. J. Abbas Mohaideen, Registrar honored the IQAC members and gave a brief note about the institution and the existing various schools.
- Dr. A.A. Arivalagar, Dean Academic (Core) and IQAC coordinator, emphasized on the quality systems in higher education and the need of review of IQAC activities with its members for the betterment of the institution. The newly inducted members were introduced in the meeting and their details are as follows
- IQAC Co-ordinator briefed the various agendas of the 20<sup>th</sup> IQAC meeting.

**IQAC/2022/ 20.1**

**Review of 19<sup>th</sup> IQAC Minutes**

The following points were reviewed and briefed to the members present

Sl. No	Points Discussed	Action Taken
1	Improve the NIRF ranking	With detailed analysis and suggestions from the external expert members various steps and activities were planned and executed to achieve the NIRF ranking 2023.
2	Focus on National/ International level attraction on Admission (Other state students, NRI, Foreign Students) Research, MoU's etc	The followings steps were initiated 1. Recommendations submitted to Management to attract International Level Admissions. 2. Signed MoU with Blue Hora University (Ethiopia) for better reach in public domain 3. Various awareness programme on Higher Education was conducted. Ms.Monika of KC



		<p>Overseas Education and Ms.Devipriya of Sri Ramanujar Intellect Services presented the scope for students to pursue their higher studies in abroad.</p> <p>4. Preliminary work has been initiated and identified five nations namely UK, France, Canada, Australia, Malaysia and Singapore and a few universities are identified to sign MoU.</p>
3	Plan for Internal Revenue Generation through R&D	High-end equipment's (Rs. 36 Lakhs) procured through MODROB and with AICTE Idea lab establishment, revenue may be generated through various consultancy using the above facilities
4	Faculty to claim copyright for their Lab Manual, Institutional policy manual etc.,	We have more granted Design Patents through the innovative ideas with the help of Patent Advisor & Initiated applying copy rights for Lab manuals
5	Updating the website regarding MoU's.	Updated periodically
6	All Policy Manuals should be available in college website	<p>Policy manuals made available in website</p> <ul style="list-style-type: none"> <li>• HR Policy</li> <li>• Research Policy</li> <li>• NEP Policy</li> </ul>
7	MoUs with reputed Institutions like IITs, NITs in India and International Universities / Colleges	Signed MoU with Blue Hora University and more MoU to be signed in the upcoming days.
8	<p>Planning of IQAC activities</p> <ul style="list-style-type: none"> <li>• IQAC Monthly Plan</li> <li>• Department Weekly Plan</li> <li>• Alumni Activities Plan</li> <li>• Celebrity Function Plan</li> </ul>	<p>1. Various activities are executed Monthly and quarterly.</p> <p>2. Series of Lectures are planned to enhance OBE Process</p> <p>3. Planned to conduct FDP on recent topics like Cyber Security, Machine Learning, Deep Learning, Augmented Reality, Virtual Reality,</p>



		<p>Entrepreneurship Development, Industrial Automation and Digital Marketing by inviting Industrial Trainers to conduct classes/hands on training to faculty members</p> <p>4. Best Alumni award shortlisted and will be awarded during the graduation day celebration</p> <p>5. Celebrities are invited for cultural and other events</p>
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The IQAC coordinator presented the targets for the year 2022-2023 and is as follows:

Sl.No.	Activities	Target 2022-2023	Completion Status as on date*
1	Certification courses, Mandatory courses, with the enrolled students	106	29
2	Guest lecture	476	80
3	Seminars	116	19
4	Workshop / Hands-on training	116	40
5	Workshops/Seminars conducted on IPR		
	(i) Student	40	10
	(ii) Staff	40	8

\* The figure represented in table is for activities till quarter –I (August 2022). The remaining activities will be performed in the forthcoming quarters of II, III and IV.

IQAC coordinator presented a detailed plan of IQAC Activities to be carried out for the Year 2022-23

- Outcome Based Education (OBE) Awareness program for Faculty members
- Academic and Administrative Audit
- Installation of IQAC in various schools
- Enhancement of Industry-Institute Interaction
- Extension Activities
- IQAC Road Map for the next 5 Years.

IQAC Coordinator also submitted the various academic activities in the Academic Year 2022-23

- Academic Calendar Preparation
- Workload and Time table approval
- QCM report verification and its rectification measures
- Syllabus coverage verification
- Academic and Administrative Audit process



**IQAC/2022/ 20.2**

**Academic Activities completed in the academic year 2021-22 and activities planned for the academic year 2022-23**

Dr.S.Anbumalar, Dean Academic (Circuit) gave detailed presentation on the various academic activities carried during the last academic year. She highlighted the various agenda like:

➤ **GATE coaching**

Dean Academics emphasised that GATE coaching was conducted for the pre-final and final year students and motivated them to appear for the examination. About 145 students appeared for the GATE-2022 examination from various engineering departments.

➤ **Innovation Challenge Contest (ICC' 22) – Boot Camp**

No. of Innovative ideas Submitted : 141 teams  
Ideas shortlisted for next round : 40 teams  
Ideas shortlisted for 2<sup>nd</sup> round : 15 teams

The selected teams were sent to boot camp for enhancing their ideas to product development through Atal Incubation center (PECF) Puducherry.

➤ **Azadi ka Amrut Mahotsav Anu Yatra**

A two day Nuclear Awareness Programme organised by SMVEC in collaboration with IGCAR under "Azadi ka Amrut Mahotsav Anu Yatra" to commemorate the 75th Independence Day during July 25-26, 2022.

➤ **Distinguished Alumni Award- 2022**

To recognize, honour and felicitate the outstanding former students and to celebrate the achievements of inspiring achievers and contributors it was decided to initiate the Distinguished Alumni Award (DAA) from the year 2022 in the following categories.

Category 1 – Excellence in Entrepreneurship

Category 2 – Professional Excellence - Men

Category 3 – Professional Excellence - Women

Category 4 – Excellence in Academics

Category 5 – Excellence in Societal/Community/General Service

Category 6 - Excellence in Technology Innovation / R & D

Category 7 - Excellence in Alma-mater Associateship

Number of nominations received : 50



The best alumni for each category will be awarded during the graduation day 2022.

➤ **Academic Calendar**

The Academic calendar has been prepared for all Programmes of Even semester for the Academic year 2021-2022 and Odd semester of the Academic year 2022-2023 and it has been followed for various programmes (Engineering and Architecture, M. Tech, MCA, MBA, School of Arts & Science, School of Allied Health Sciences, School of Agricultural Sciences and College of Physiotherapy).

➤ **Analysis for the end semester results**

Feedback was received from students who failed in End Semester Examination and a detailed analysis was done through fish bone diagram to improve the pass percentage in the forthcoming semesters.

➤ **Universal Human Values (UHV) Program-Certification**

Total 47 faculty members have successfully completed the 5-day online FDP on the theme "Including Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from September 19-23, 2022.

**IQAC/2022/ 20.3**

**Activities carried out in the academic year 2021-22 and the plan of Activities for the academic year 2022-2023 for the School of Architecture**

Professor Ar.S.Manoharan, Principal, School of Architecture made his presentation with details of guest lectures, Faculty Development Programme, Skill Development Courses, Industrial Visits and extension activities.

The external experts suggested the following points to attract more students into this programme

- Students exchange programme in international level for internship or projects can be initiated for better exposure
- Alumni studying in abroad can be utilized for promoting this abroad program, by taking NOC from their universities.
- Visiting renowned universities offering Architecture programme to explore the infrastructure and best practices.



**IQAC/2022/ 20.4**

**Conduction of End Semester Examinations and Publication of Results**

Dr.S.Jayakumar, Controller of Examination briefed on the following points before the mebers in the meeting

- End Semester Examination Schedule for May/ June 2022 and Oct/ Nov. 2022
- Valuation of answer scripts and publication dates of results
- Comparative result analysis for various schools of May 2022

The members commended the works carried out in the examination section and wish to continue the same in future.

**IQAC/2022/ 20.5**

**Research and Development Activities for the academic year 2021-22 and the plan of Activities for the academic year 2022-2023**

Dr.K.Velmurugan, Dean - Research and Development presented the details of various activities as given below

SI.No.	Description	Achieved Q1 and Q2	Plan for Q3 and Q4
1	The institution provides seed money	-	10,00,000
2	Grants received from Government and Non-Governmental agencies	-	55,55,000
3	Research projects	1	12
4	workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR),	20	20
5	Research papers	36	214
6	Design Patent	34	66
7	Patent Publication	18	39
8	Revenue generated from consultancy and corporate training	2,00,000	3305000
9	Memorandum of Understanding	13	17



The expert member suggested to review the targets fixed for each activity should be completed on time.

**IQAC/2022/ 20.7**

**Institutional Ranking Process for the academic year 2021-22**

Dr.P.Raja, Professor & Head/ECE & Ranking Coordinator explained about the achievement of the Institutional Ranking in the past three years

1. ATAL Ranking of Institution on Innovation (ARIIA)
2. Institutional Innovational Council
3. Data Quest Ranking
4. India Today Ranking
5. Careers 360 Degree Ranking

- The Ranking Coordinator also briefed on the NIRF Score for each criteria in the past three years.
- The awards and credentials achieved by the institution is also detailed to the members present.
- The external members gave few suggestions related to the ranking process
  - Comparative data analysis of the rank achieved college can be mentioned so as to know the current position of this institution.
  - In NIRF, for perception criteria the marks obtained is not satisfactory and hence steps to be taken to identify and collect feedbacks from experts (Academics, Industry, alumni and Parent)

**IQAC/2022/ 20.6 and IQAC/2022/ 20.8**

**Placement and Training activities for the academic year 2021-22 and the plan of Activities in the academic year 2022 -23**

Dr.S.Madhusudhanan, Training Coordinator in absentia of Dr.N.S.N. Caillasamme , Placement Officer gave a detailed Placement and training activities for the academic year 2021-22, and plan for the academic year 2022 -23:





➤ **Placement Offer for 2022-23**

<b>Total Offers</b>	<b>491</b>
Dream Offers between 10 lakhs and 9 lakhs per annum	2
Dream Offers between 9 lakhs and 8 lakhs per annum	12
Dream Offers between 8 lakhs and 7 lakhs per annum	20
Dream Offers between 7 lakhs and 6 lakhs per annum	47
Dream Offers between 6 lakhs and 5 lakhs per annum	48
Dream Offers between 4 lakhs and 5 lakhs per annum	130
Offers between 3 lakhs and 4 lakhs	229
Offers between 3 lakhs and 2 lakhs	3

➤ **Center of Excellence (MoU Signed)**

- BluePrism - RPA
- Eccouncil - Cybersecurity
- Wipro recognised SMVEC as Talent Next campus
- TCS for PLM
- Automation Anywhere
- Virtusa Java Full Stack
- PEGA

➤ **Institute Industry Interaction**

- TCS - PLM
- Wipro TalentNext
- Virtusa CoE on Java Full Stack
- PEGA

➤ A list of Core and IT companies including dream offers for next year is also presented to the members present

➤ List of training programme names and the duration given to the students is presented to the members.

➤ Also the training coordinator listed the Employment Enhancement Courses offered through Train Lab Academy to various Engineering Department and the number of courses completed the certification process is also presented.



- The external members appreciated the Management, Director cum Principal, Registrar, COE, Deans, HODs, Placement officer and its team for achieving a good placements

**IQAC/2022/ 20.9**

**Any other items with permission of chair**

**(i) Up-dation in policy manual and submitted for the recommendation of IQAC members**

The following policy manuals and Standard Operating Procedure (SOP) are updated based on need basis

**List of Policies**

- HR Policy
- Governance policy
- Admission policy
- Code of conduct – students
- Code of conduct – faculty members
- Faculty welfare policy
- Student welfare policy
- Student council policy
- Sports policy
- Green campus policy
- Waste management policy
- Maintenance Policy
- IT maintenance Policy
- Resource Mobilization Policy
- Research and Consultancy policy
- Research promotion policy
- Startup policy

**List of Standing Operating Procedure**

- Antisexual committee (SOP)
- Anti Ragging (SOP)
- Employability enhancement course – SOP
- Internship/ Industrial Projects
- Feedback pertaining to curriculum
- Alumni Association – guide lines
- Academic monitoring



- Management Scholarships/ freships
  - Genuiness of question paper
- (ii) IQAC coordinator invited the Academic Expert and Industrial expert to share their suggestions and the following are highlighted

**Dr. N. Alagumurthi, Academic Expert**

- Appreciated the entire proceedings of the 20<sup>th</sup> IQAC presentation and lauded for a tremendous change in presenting various activities by different schools.
- Suggested to IQAC cell to plan and start publishing IQAC magazines/ Newsletter/ handbook in periodic intervals for better perception among the stakeholders.
- Initiations to attract National level students admissions
- To maintain Faculty: Student ratio of 1:15 to get 12B-status and receive funding from various Governmental organizations
- Need attention in GATE coaching and increase the success rate of GATE qualifying students.
- Attention needed on competitive exams like TOFFEL, GRE for students to pursue higher education in National and International universities
- Initiations to be taken to publish SMVEC Journal, since the institution houses various schools with good faculty and student strength.
- NITI Aayog Scheme can be approached to explore the research in Newer materials, Fast computing, Digital communications and many other research areas.

**Mr. G. Govindarajan, Industrial Expert**

The expert appreciated the various initiatives taken by the institution and the effort taken by the faculty members to achieve their respective targets. He also assured to assist any kind of research initiatives / projects that can be taken from his industry and full cooperation will be extended to the SMVEC students from his side.

IQAC coordinator Dr.AA. Arivalagar, thanked all the members present in the meeting and assured to external members that all the suggestion given by them on various agenda discussed will be taken into account and fulfill them and render justice to achieve the quality in the existing system.

  
(Dr. Arivalagar.AA)  
IQAC Co-ordinator

  
(Dr. V.S.K. Venkatachalapathy)  
Director cum Principal



**Annexure- I**

**INTERNAL MEMBERS**

Dr. J Abbas Mohaideen

Registrar

Dr. S. Jayakumar

Controller of Examinations

Dr. S. Arumalar

HoD/EEE & Dean Academics

Dr. K. Velmurugan

HoD/ Mech. Engg and Dean R &D

Ar. S. Manoharan

Principal / School of Architecture, SMVEC

Dr. N.S.N. Cailassame

HoD/MBA & Placement Officer

Dr. P. Raja

HoD/ECE

Dr. K. Premkumar

HoD / CSE

Dr. R. Raju

HoD/IT

Dr. L.M. Varalakshmi

HoD/ICE

Dr. S. Sundararaman

HoD/ Civil Engg.

Dr. A. Vijayalakshmi

HoD/BME

Dr. G. Balamuruga Mohan Raj

HoD/Mechatronics Engineering

Dr. V. Bharathi

HoD/CCE

Dr. J. Madusudhanan

HoD/AI&DS and Training Coordinator

Dr. N. Danapaquiame

HoD/CSBS



**SRI MANAKULA VINAYAGAR  
ENGINEERING COLLEGE**

An Autonomous Institution,  
Accredited by NAAC with 'A' grade  
Puducherry - 605 107



**INTERNAL QUALITY ASSURANCE CELL**

Dr. A. Ramalingam

HoD/MCA

Dr. J. Thanikai Vimal

HoD/Fashion Technology

**ACADEMIC REPRESENTATIVE**

Dr. N. Alagumurthi  
Professor and Head,  
Mechanical Engineering,  
Pondicherry Engineering College,  
Puducherry.

**INDUSTRY REPRESENTATIVE**

Mr. G. Govindarajan  
Managing Director  
Prasanna Precision Tools  
PIPDIC Industrial Estate, Mettupalayam,

**PARENT**

Mr. P. Elango  
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**NON-GOVERNMENTAL ORGANIZATION**

*u. [Signature]*

Mrs. T. Vijayalakshmi  
Executive Director – Sanvi Educational Trust Puducherry

**ALUMNI**

*R. Bavitra*

Ms.R. Bavithra  
EEE

*[Signature]*

Mr. R. Kishan  
MECH

**STUDENT REPRESENTATIVES**

*Jenifer*

Ms. F. Jenifer

EEE

*Sharmila*

Ms. E. Sharmila

ECE

*Nishanthini*

Ms. V. Nishanthini

CSE

*Akshya*

Ms. A. Akshya

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*Dinesh*

Mr. R. Dinesh

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*Yokesh*

Mr. B. Yokesh

MECH



Ms. B. Shobaa

CIVIL

Ms. R. Varssha

BME

Mr. R. Mohammed Fadil

MECHATRONICS

Mr. D. Dardhan

CSBS

Mr. S. Sandeep

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Ms. R. Subisha

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