SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE
(An Autonomous Institution)
(Approved by AICTE, New Delhi & Affiliated to Pondicherry University)
(Accredited by NBA-AICTE, New Delhi, ISO 9001:2000 Certified Institution &
Accredited by NAAC with "A" Grade)
Madagadipet, Puducherry - 605 107

20.04.2021

Dear Sir /Madam,

Sub: Internal Quality assurance cell (IQAC) – 17th meeting to be held on 21.04.2021– intimated – Reg.

This to inform that the 17th meeting of the Internal Quality assurance Cell (IQAC) of Sri Manakula Vinayagar Engineering College will be held on **21.04.2021 at 9:30 A.M in the Conference Hall, SMVEC.**

The Agenda for the meeting is listed below:

17.1 Review of 16th meeting

17.2 Classes in online/ offline mode for the Even semester of the Academic year 2020-2021

17.3 Activities carried out in 3rd Quarter and Plan of Activities for 4th Quarter

- *Skill development Courses*
- *Value-added courses*
- *Number of professional development / administrative training Programmes conducted by the College*
- *Faculty Training, FDP attended by the faculty*
- *Life skill and Vocational Courses*
- *List of Statutory and non-Statutory committees and its frequency of meeting*
- *Number of extension and outreach programmes conducted by the institution through NSS.*
- *Activities in sports*
- *Professional Bodies Activities*
- *NPTEL Activities*
- *Library details*
- *1st year Induction Program*

17.4 School of Architecture - Activities carried out and plan of Activities for the academic year 2020-2021

(By Dr. S. Manoharan, Principal/School of Architecture)

17.5 Exam Related Activities

(By Dr. S. Jayakumar, Controller of Examinations)

- *Conduction of End semester Examination*
- *Publication of Results*
- *Result Analysis*

17.6 R&D and Consultancy activities

(By Dr. K. Velmurugan, Dean Research & Development)

- *Provision of seed money*
- *Grants received from Government and Non-Governmental agencies*
- *Research projects funded by Government and Non-Government agencies*
- *Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development*
- *Research paper Publications*
- *Revenue generated from consultancy*
- *Patent Publications*

17.7 Placement Activities

(By Dr. N. S. N. Cailassame, Placement Officer)

- *Placement Report-2020-2021*
- *Industry-Institute Interactions*
- *Tie- up with Various Institute's*
- *Internship*

17.8 Ranking Process

(By Dr. P. Raja, Head/ECE, and Ranking Process Coordinator)

- *NIRF 2020 submission*
- *Other Ranking Process*

17.9 Training Activities

(By Dr. J. Madhududhanan, Head/Artificial Intelligence and Data Sciences, Training Coordinator)

- *Training Activities/Train lab Activities*

17.10 Any other matters

Members are requested to attend the meeting and participate in the deliberations of the IQAC meeting.

Coordinator/IQAC
Dr.S.Anbumalar

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

Copy To

i) Registrar
ii) The Members of IQAC
iii) IQAC File

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MINUTES OF 17th INTERNAL QUALITY ASSURANCE CELL (IQAC) MEETING

Date: 21.04.2021 **Venue:** Conference Hall

Time: 09.30 am - 11.30 am

Chair: Dr. V.S.K.Venkatachalapathy, Director cum Principal
Members Present: Given in Annexure I

- Dr. V.S.K.Venkatachalapathy, Director cum Principal extended a cordial welcome to the Academic Expert and the members of Internal Quality Assurance Cell (IQAC) and wishes the meeting for grand success.
- Dr. S. Anbumalar, Coordinator/ IQAC gave an introduction of all the members who have attended despite of their busy schedules.

17.1 Review of 16th meeting

- The points discussed in the 16th IQAC meeting held on 23.12.2020 with their action taken report was presented as given below.

Sl. No	Points Discussed	Action Taken
16.1	Review and confirmation of Vision, Mission statement	Feedback received from various stakeholders and the consolidated feedback states that stake holders are agree with the Revised college vision and mission statements.
16.2	NBA Compliance Report for reaccreditation	NBA Compliance Report Submitted in the month of January 2021 for EEE, ECE, CSE, IT and Mechanical Engineering Programmes.
16.3	Plan for 2nd BoS meeting (2020-2021)	2nd BoS meetings were completed by all the departments between 20th March to 12th April 2021.
16.4	Completion of syllabus for academic year 2020-2021(odd semester) through Online mode	• Syllabus completed for theory courses through online mode. • Lab syllabus completed in offline mode. • End semester Examination conducted in Offline mode and the results were published for II, III and IV years.
16.5	AQAR submission (2019-2020)	AQAR prepared and it will be submitted before 31st May 2021 in NAAC Portal.

17.2 Classes in online/ offline mode for the Even semester of the Academic year 2020-2021

- 1st year/1st semester (2020-2024 batch) classes commenced from 27th Jan 2021 in offline mode.
- 4th year/8th semester (2017-2021 batch) classes commenced from 15th Feb 2021 in offline mode.
- 2nd year/4th semester (2019 -2023 batch) classes started from 15th March 2021 in offline mode.
- 3rd year/6th semester (2018-2022 batch) classes started from 15th March 2021 in both offline and online mode in alternate days. Simultaneously for 8th semester also, the classes were conducted in offline and online mode.
- From 29.03.2021, the classes are conducted online mode for all the four years through Great learning online platform.

17.3 Activities carried out in 3rd Quarter and Plan of Activities for 4th Quarter

The following points were presented by the IQAC coordinator on various plan of activities for 4th Quarter and Action taken for third quarter.

1. Skill Development Courses

Sl. No	Department	Target	Submitted in Q I & QII (June to Nov)	Submitted in Q III (Dec to Feb)	Plan IV Q IV (Mar to May)
1	EEE	54	7	23	24
2	ECE	104	6	49	49
3	CSE	88	3	42	43
4	IT	79	3	38	38
5	ICE	21	2	9	10
6	MECH	90	11	39	40
7	CIVIL	28	6	11	11
8	BME	3	1	1	1
9	MCT	3	4	0	0
10	MBA	21	3	9	9
11	MCA	11	3	4	4
12	Architecture	9	2	3	4
	Total	511	51	228	233

2. Value Added Courses

Sl. No	Department	Target	Submitted in Q I & QII (June to Nov)	Submitted in Q III (Dec to Feb)	Plan IV Q IV (Mar to May)
1	EEE	54	7	23	0
2	ECE	104	6	49	2
3	CSE	88	3	42	8
4	IT	79	3	38	9
5	ICE	21	2	9	1
6	MECH	90	11	39	5
7	CIVIL	28	6	11	0
8	BME	3	1	1	0
9	MCT	3	4	0	0
10	MBA	21	3	9	3
11	MCA	11	3	4	0
12	Architecture	9	2	3	0
	Total	511	51	228	28

3. Number of professional development / administrative training Programmes conducted by the College

Sl. No	Department	Target	Submitted in Q I & QII (June to Nov)	Submitted in Q III (Dec to Feb)	Plan IV Q IV (Mar to May)
1	EEE	54	7	23	2
2	ECE	104	6	49	5
3	CSE	88	3	42	4
4	IT	79	3	38	3
5	ICE	21	2	9	0
6	MECH	90	11	39	3
7	CIVIL	28	6	11	1
8	BME	3	1	1	0
9	MCT	3	4	0	0
10	MBA	21	3	9	0
11	MCA	11	3	4	0
12	Architecture	9	2	3	0
	Total	511	51	228	18

4. Faculty Training, FDP attended by the faculty

Sl. No	Department	Target	Submitted in Q I & QII (June to Nov)	Submitted in Q III (Dec to Feb)	Plan IV Q IV (Mar to May)
1	EEE	54	7	23	1
2	ECE	104	6	49	16
3	CSE	88	3	42	6
4	IT	79	3	38	5
5	ICE	21	2	9	3
6	MECH	90	11	39	6
7	CIVIL	28	6	11	4
8	BME	3	1	1	1
9	MCT	3	4	0	0
10	MBA	21	3	9	3
11	MCA	11	3	4	2
12	Architecture	9	2	3	0
Total		511	51	228	47

5. Life skill and Vocational Courses

Sl. No	Department	Target	Submitted in Q I & QII (June to Nov)	Submitted in Q III (Dec to Feb)	Plan IV Q IV (Mar to May)
1	EEE	54	7	23	5
2	ECE	104	6	49	10
3	CSE	88	3	42	8
4	IT	79	3	38	13
5	ICE	21	2	9	4
6	MECH	90	11	39	8
7	CIVIL	28	6	11	4
8	BME	3	1	1	0
9	MCT	3	4	0	0
10	MBA	21	3	9	6
11	MCA	11	3	4	2
12	Architecture	9	2	3	1
Total		511	51	228	61

6. List of Statutory and non-Statutory committees and its frequency of meeting

The following list of Statutory and non-Statutory committees were framed. The roles and responsibility and the frequency of meeting were presented in detail.

Statutory committee

Sl. No	Name of the Committee
1	Governing Body
2	Academic Council
3	Board of Studies
4	Finance Committee

Non - Statutory committee

Sl. No	Name of the Committee
1	Planning and Evaluation Committee
2	Examination Cell
3	IQAC Cell
4	Admission Committee
5	Student Welfare Committee
6	Extra and co-curricular Activities Committee
7	Transport Committee
8	Hostel Committee
9	Training and Placement Cell
10	R & D Cell
11	Entrepreneur Development Cell
12	Digital Media, Newsletter & Magazine Committee
13	Library Committee
14	Discipline Committee
15	Grievances and redressal Cell

Sl. No	Name of the Committee
16	Anti- Ragging Committee
17	Minority Cell
18	SC/ST Cell
19	Sexual Harassment Committee
20	Women Empowerment Cell
21	Alumni Committee
22	Professional Bodies Activities Committee
23	Career Guidance Cell
24	Institution Innovation Council
25	Gate coaching
26	College Purchase Committee
27	Waste Disposal Committee
28	Curricular committee
29	Safety measures committee

7. Number of extension and outreach programmes conducted by the institution through NSS.

Sl. No	Target	Submitted in Q I & QII (June to Nov)	Submitted in Q III (Dec to Feb)	Plan IV Q IV (Mar to May)
1	68	22	25	21

8. Activities in sports

Sl. No	Department	Target	Plan IV Q IV (Mar to May)
1	EEE	18	18
2	ECE	35	35
3	CSE	30	30
4	IT	27	27
5	ICE	7	7
6	MECH	30	30
7	CIVIL	10	10
8	BME	2	2
9	MCT	1	1
10	MBA	7	7
11	MCA	4	4
12	Architecture	3	3
Total		174	174

9. NPTEL / Edx Activities

March 2021

No of Candidates Enrolled for Exam	No of Candidates appeared	No of candidates Passed
28	24	18

April 2021

No of Candidates Enrolled for Exam	No of Candidates appeared	No of candidates Passed
112	Exam dates are Postponed	

Edx Courses

No of Candidates registered	Candidates enrolled at least one course	No of candidates completed the courses
671	380	90

10. 1st year Induction Program

The following activities were carried out for the 1st year/1st semester (2020-2024 batch) students as a part of Induction Program.

- Industrial Visits
- Lecture by Industrial experts and Entrepreneurs
- Workshops
- Motivational Programs
- Women Empowerment Programme
- Society Oriented Activities
- Painting
- Musical Activities
- Model Making

11. Students Achievements for the Academic Year of 2020-2021

- Students Achievements in National and International Level events with cash prize of Rs. 20 lakhs (including Job offer and Internship) in various departments for the Academic Year 2020-2021 was presented.

Sl. No	Department	Students Count
1	ECE	4
2	EEE	5
3	CSE	4
4	IT	14
5	MECH	4
6	CIVIL	4
7	MCA	2

17.4 School of Architecture - Activities carried out and plan for future Activities

- Dr. S. Manoharan, Principal/ School of Architecture presented the skill development activities from July to February 2021 and plan of activities for March to May 2021.
- He also presented that 19 Faculty training/FDP programs were attended by the faculty, 3 Value added Courses were conducted and 2 research papers were published till third quarters.
- He listed the NSS Activities and Field work/ internships / student projects Activities till February 2021 and plan of activities for March to May 2021.
- He listed that a total of 10 Online Certification Courses were underwent by staff and student till Third quarter.

17.5 Exam Related Activities

- Dr. S. Jayakumar, Controller of Examinations presented on Conduction of End Semester Examinations for B.Tech, M.Tech, B.Arch, MCA and MBA programmes February/ March 2021.
- He also presented End Semester Examination Question Paper Pattern and Result Analysis by comparing with previous year Pondicherry University results.

17.6 R&D and Consultancy activities

- Dr.K. Velmurugan, Dean-Research, presented on Research Forum activities. He detailed on the institution seed money of target Rs.10,00,000/-.
- He presented the target of Rs. 32,23,000/- for grants to be received from Government and Non-Governmental agencies.
- He presented the target for Number of departments having research projects funded by Government and Non-Government agencies during the year 2020-21 is 37 and 18 was attained in the third quarters and remaining 19 will be achieved in the fourth quarter.
- He presented the Research Proposals submitted by all the departments to various funding agencies for the total amount of Rs.9,97,74,213/-
- He presented the detail on funds received from AICTE through various schemes (Institutional development schemes, Faculty Development schemes, STTP, MODROB, ATAL-FDP and Skill and Personality Development Programme Centre for SC/ST Students)
- He presented that the publication of research papers in care journals is 314 for the Academic year 2020-2021 and 183 were published in the first three quarters and remaining 131 will be achieved in the fourth quarter.

- He presented that the Total number of Citations in Scopus/Web of Science during the year 2020-21 is 222 and they were cited in the first three quarters
- Consultancy works target amount of Rs.59,24,000/- was fixed. In that Rs.31,84,000/- was achieved in the first three quarters and the remaining amount of Rs. 27,40,000/- is planned for 4th quarter.
- He presented that the Patent published is 44 in national level and 6 patents granted in international level from various departments in first three quarters.
- He highlighted that there are 32 faculties pursuing their PhD Programme from various departments.

17.7 Placement Activities

- Dr. N.S.N. Cailassame, Placement Officer presented the Placed students details with salary package and also presented the details of Dream offers.
- A total of 633 students were placed in 2017-2021 batch till April 2021. In which the dream offers are 141 with the salary package ranges between 4 lakhs to 7 lakha.
- He also presented on the Internship, Institute Industry Interaction details and plan of Placement Activities for the Academic year 2021-2022.

17.8 Ranking Process

Dr. P. Raja, Head/ECE presented the Institutional Ranking process

- He presented that Sri Manakula Vinayagar Engineering College has Ranked 46th among the top 100 Private Institution in India in DATAQUEST and Ranked 57th among the top 100 Government T- Schools Overall in India in DATAQUEST -T-SCHOOL
- He presented that Sri Manakula Vinayagar Engineering College has Ranked 188th Ranking National Level in Marketing and Development Research Associates (MDRA) in India Today Ranking
- He pointed out the college participation in Various Ranking such as NIRF Ranking , ATAL Ranking, India Today, Data-Quest, Silicon-India etc.,
- He also presented the comparison of various colleges are in the bandwidth of 150-200 NIRF Ranking and it can be taken as the benchmark for each criteria.

17.9 Training Activities

- Training Activities were presented by Dr. J. Madhusudhanan, Head/Artificial Intelligence and Data Science Engineering / Training Coordinator. He explained on the various training activities for the Period June 2020-March 2021.
- He also listed the various Employability and Enhancement courses conducted for the students in the first three quarters and plan of training Activities for the Academic year 2021-2022.

17.10 Any other matters with the permission of the Chair

The Academic Expert Dr. N. Alagumurthi has shared the following suggestions.

- Appreciated the entire proceedings of the 17th IQAC presentation and lauded for a tremendous changes in presenting various activities of 3rd quarter and plan of activities for 4th quarter
- Suggested to explore the possibilities of celebrating IQAC day and invite eminent academic experts for presenting on the topics related to "National Educational Policy" and give-away IQAC awards to staff who has done exemplary work in the department and an award can be introduced as "The best IQAC Department" which has carried out more activities and achievements. This will motivate staff and department to explore more on their areas.
- Suggested to publish IQAC magazines/ Newsletter/ handbook in periodic interval to exhibit the work carried out in the institution for better perspective among the stakeholders.
- Suggested that the targets fixed in each quarter need to be honored in that quarter itself to avoid overburden in the final quarter
- Suggested to add clubs, chapters and association to strengthen the entrepreneurship cell. To this comment, the placement officer Dr.N.S.N. Caillassame explained the conduction of weekly webinar on different topics. The successful entrepreneurs are as resource person through "Kanavugal Meipada" programme organized by Innovative Services.
- Highlighted the importance of physical infrastructure establishment of technological incubation centre for startup activities.
- Pointed out that in next meeting a report on administrative and academic audit need to be presented.
- Suggested some of the funding agencies for TBI through MSME, NSDC, UGC (Vocational Courses), NSQF (Startup assistance, new certification courses etc.,), NSTEDB (Technological incubation), Entrepreneurship Development Institute of India (EDII), Entrepreneurship Development Institute of India and more funds are available through Unnat Abiyan schemes offered by AICTE.
- As the internal revenue generation is very less, the academic expert asked to have MOU's with companies in and around Puducherry for conducting lectures to company people by the staff and generate revenue through them

- He asked the IQAC coordinators to highlight the staff along with their department who has published their research work in reputed journal with their high H-Index, more citation index and High Impact factor. This will motivate other staff to publish their research works.
- He also pointed out to present the number of students appearing in GATE examination and other competitive examination such as GRE, TOFEL etc., and the number of students pursuing their higher education in national and international institutions.
- Emphasized to think on the collaboration of institute with other Universities for student and faculty exchange programme in future.
- Suggested to carry out CSR activities through SMVEC foundation to improve the college perspective among the different stake holders.
- Wished for institution success in getting some good place in NIRF ranking submitted for the year 2019-20.
- Need to concentrate on admission from other states and International Students.
- Director cum Principal appreciated all the members of IQAC for their interactive participation and their valuable suggestions to improve the quality of our college in all the aspects.
- Dr. J. Abbas Mohaideen, Registrar felicitated the IQAC meeting and appreciated the efforts taken by the IQAC cell in organizing the meeting successfully and thanked the Academic expert for his valuable suggestions for the betterment of institution.
- All the points discussed in the 17th IQAC meeting were recorded. Dr.S.Sundararaman, Head/Department of Civil Engineering finally thanked all the members of IQAC for their valuable suggestions for the further improvement in quality aspects of SMVEC.

Coordinator/IQAC
Dr.S.Anbumalar

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

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Annexure I

Members of Internal Quality Assurance Cell

Sl. No	Composition as per NAAC	Members	Signature
1.	Chairperson: Head of the Institution	**Dr.V.S.K.Venkatachalapathy,** Director cum Principal	
2.	Registrar	**Dr. J. Abbas Mohaideen,** Registrar, SMVEC	
3.	Controller of Examinations	**Dr. S. Jayakumar,** Controller of Examinations SMVEC	21/4/21
4.	Senior Faculty Members	**Dr. S. Anbumalar** HOD/EEE	
		Dr. P. Raja HOD/ECE	
		Dr. K. Premkumar HOD / CSE	
		Dr. R. Raju HOD/IT	
		Dr. L.M.Varalakshmi HOD/ICE	
		Dr. K. Velmurugan HOD/ Mech. Engg	
		Dr. S. Sundararaman HOD/ Civil. Engg	
		Dr. A. Vijayalakshmi HOD/Bio Medical Engineering	
		Dr. G. Balamuruga Mohan Raj, HOD/Mechatronics Engineering	

		Dr. G. Shanmugasundaram, HOD/Computer Science and Business System	
		Dr.V. Bharathi, HOD/Computer and communication Engineering	
		Dr.J. Madusudhanan, HOD/Artificial Intelligence and Data Science	
		Dr. J. Thanikai Vimal HOD/Fashion Technology	
		Dr. S. S. Manoharan Principal / School of Architecture, SMVEC	
		Dr. N. S .N. Cailassame HOD/MBA	
		Dr. A. Ramalingam, HOD/MCA	
6.	Placement Officer	**Dr. N.S.N. Cailassame,** HOD/MBA	
7.	Training Coordinator	**Dr.J. Madusudhanan,** HOD/Artificial Intelligence and Data Science	
8.	NPTEL coordinator	**Dr. G.Shanmugasundaram,** HOD / Computer Science and Business System	
9.	Students (Members)	**A.Nethyasri** IV Year/Civil Engg Dept	
		S.Kailashkuumaran IV Year/ICE Dept	
10.	Alumni(Member)	**Mr.R.Ramkumar** Network Engineer, Kosoft IT solutions	
		Mr.M.Santhosh Manager,IBM	
11.	Nominees from Industrialists/Academic Institutions	**Mr.N.Srithar** Senior Manager, Engineering R&D,TVS,Nettapakkam, Puducherry	
		Dr. N. Alagumurthi Professor and Head, Mechanical Engineering, Pondicherry Engineering College, Puducherry.	

12.	Parent (Member)	**S.Anbusezhian,** F/O.A.B.Kirithik Assistant Professor, Achariya Engg College, Puducherry.	
13	NGO Representative	**Dr.A.Sathyanarayanan,** Green Guards Environmental Foundation, Puducherry	
14.	One of the senior Faculty as the coordinator of IQAC	**Dr. S. Anbumalar** HOD/EEE	

Dr.S.Anbumalar
Coordinator/IQAC

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