



**Internal Quality Assurance Cell (IQAC) Meeting II Minutes
(2021-2022)**

Date: 28th December 2021 & 10:30 A.M.

Venue: Library Conference Hall

Prof. S.Gopinath, IQAC coordinator welcomed the Principal and all the members gathered for the IQAC quarterly meeting and proceeded to initiate the Discussion mainly on the theme of research and research promotion.

Members Present:

- Chairperson: Dr. S. Ganesh Vaidyanathan
- Industry: Mr. K.V. Ramanan
- Members present: Dean-ED, Dean-Academic, Dean- Research, CoE, HoDs, CPO and IQAC Coordinator and Student Coordinator.

IQAC coordinator welcomed the principal and all the members gathered for the IQAC quarterly meeting. The Chairperson presented the detailed agenda and facilitated the deliberations.

In the meeting, he recorded the report of various research activities carried out in the college by both faculty and students like Number of PhD awardees, Book chapter published details, funded projects, Patent published, intramural fund received by the students etc.

Ph.D. Awardees

1. Mr.C.Kannan, Part time research scholar, Depart of Electrical and Electronics Engineering successfully completed his PhD via-voce examination under the guidance of Dr.M.K.Mohanty, Professor / EEE.
2. Ms. S.Sivashankari, Part time research Scholler Depart of Computer Science and Engineering successfully completed her PhD via-voce examination under the guidance of Dr.C. Jeyakumar Professor / CSE.

3. Mr.C.Naresh, Part time research Scholler Depart of Electrical and Electronics Engineering successfully completed her PhD via-voce examination under the guidance of Dr.R.Karthikeyan Associate Professor / EEE.
4. Mr.S.S.Sethuraman, Part time research scholar and Assistant Professor, Depart of Electrical and Electronics Engineering successfully completed his PhD via-voce examination under the guidance of Dr.K.R.Shatha, Vice Principal, Professor and HOD / EEE.
5. Ms. P.Vinothiyalakshmi, Part time research Scholler and Assistant Professor, Depart of Computer Science and Engineering successfully completed her PhD via-voce examination under the guidance of Dr.R.Anitha, Professor and Head / CSE.
6. Mr.S.Janikiran, Part time research Scholler, Depart of Mechanical Engineering successfully completed her PhD via-voce examination under the guidance of Dr.T.Lakshmanan, Professor / SRM Institute of Technology and Dr. P.Raghu (Joint Supervisor).
7. Mr.A.Shankaran, Assistant Professor, Department of Marine Engineering, has successfully completed the his PhD via-voce examination under the guidance of Dr.K.Kumaraguru, Assistant Professor, department of Petro Chemical Technology, Bharathithasan Institute of Technology, Anna University, Tiruchirappalli.
8. Mr.D.Sivakuamar, Assistant Professor, Department of Chemical Engineering, has successfully completed his PhD via-voce examination under the guidance of Dr.R.Parthipan, Professor and Head / CHE, SSN Engineering College.
9. Mr.K.Suresh, Parttime research scholar and Assistant Professor Department of information Technology, has successfully completed the his PhD via-voce examination under the guidance of Dr.N.Kumarathan, Professor / ECE
10. Mr.V.Rajaram, Part time research scholar and Assistant Professor Department of information Technology, has successfully completed the his PhD via-voce examination under the guidance of Dr.N.Kumarathan, Professor / ECE
11. Miss M.S.Girija, Assistant Professor, Department of Computer Science and Engineering has successfully completed her PhD viva voce examination under the guidance of Dr.B.R.Tapas Bapu, Professor / ECE, S.A.Engineering College.
12. Ms.N.Devi, Assistant Professor, Department of Information technology successfully completed her PhD Viva voce examination under the guidance of Dr.S.Easwara kumar, Prof/CSE, Anna University.
13. Ms.J.Jency Rubia Full time research scholar, Department of Electronics and Communication Engineering successfully completed her Ph.D viva voce examination under the guidance of Dr.G.A.Sathishkumar,Prof/ECE.
14. Ms.J.Sowmya, Full time research scholar, Department of Computer science and Engineering successfully completed her Ph.D viva voce examination under the guidance of Dr.S.Jayashri, Professor, Adhiparasakthi engineering college and Dr.J.M.Gnanasekar (Joint Supervisor) ,Professor/CSE

15. Mr.T.Rajasekhar. Assistant professor, Department of Computer Science and Engineering has successfully completed his PhD viva-voce examination under the guidance of Dr.Sumathy Eswaran, Professor / CSE, Dr.MGR Educational and Research Institute.
16. Miss B.Jagajothi , Full time research scholar, Department of Information science Technology successfully completed her Ph.D viva voce examination under the guidance of Dr.C.Yaashuvanth, Associate Professor- INT
17. Mr.K.Dhanasekaran,, Part time research scholar, Department of Electronics and Communication Engineering successfully completed his Ph.D viva voce examination under the guidance of Dr.P.Anandan, Savitha University and Dr.N.Kumarathan, Professor – ECE
18. Miss P.Geetha, Assistant Professor, Department of Computer /Science and Engineering successfully completed her Ph.D viva voce examination under the guidance of Dr.C.R.Renirobin, Professor/ CSE, Sairam Engineering College.
19. Mr.G.Kumaran, Parttime research scholar, Department of Information science Technology successfully completed her Ph.D viva voce examination under the guidance of Dr.C.Yaashuvanth, Associate Professor- INT.

Recognized Supervisors of Anna University

Six of our faculty members are now added as recognized supervisors of Anna University to guide research scholars enrolled under research centers.

- Dr.T.Senthilnathan, Assistant Professor, Department of Applied Physics
- Dr.N.Rajganesh, Associate professor, Department of Computer Science and Engineering
- Dr.N.Gopalakrishnan Associate professor, Depart of Information Technology
- Dr.P.Mathivanan, Assistant Professor, Department of Electronics and Communication Engineering is now recolonized supervisor of Anna University under Transfer Category.
- Dr.A.Prashanth, Assistant Professor, Department of Electronics and Communication Engineering is now recognized Research Supervisor of Anna University under the Transfer category.
- Dr.M.Shrividya, Assistant Professor, Department of chemical Engineering is now recognized supervisor of Anna University under Transfer category.

Book Chapter published by faculty:

- Dr. B.Thilaka, Professor and DCoE, B.Poorani, and Udayabaskaran has published a book chapter titled “ Performance analysis of an M-M-1Q with single working vacation with customer in patience subject to catastrophe”, Mathematical analysis and computing, publisher springer Singapore, Chapter 24, pp269-292, 2021.
- Mr.Thulasidas Dilip kumar, Murugan Rajesh and Dr.A.Soundher, Assistant Professor, Department of Mechanical Engineering published a book chapter titled “ Dynamic

Behavior of Adhesively bonded structures in Aero Space Application”, repair of Advance composites for Aerospace application, first edition, CRC Press, pp7, 2022.

- Ms. P.Vinothiyalakshimi, Assistant professor, C.Muralidaran, Y.Mohamad Sirajudun, Dr.R.Anitha, Professor and Head, Department of Computer science and Engineering published a book chapter titled “Digitized Land Registration using Block Chain Technology”, Block Chain Technology-CRC Press.
- Ms.S.Sivasankari and Dr.C.Jayakumar, Professor, Department of Computer Science and engineering, Publishedw a book chapter titled, ”Short term local forecasting using Random Forest with entropy feature selection”, artificial intelligence and technologies, PP 73-80 Springer.

GRANT received from AICTA under YUVAK

1. Department of Civil Engineering received a grant of Rs.2,00,000 from AICTE under the Youth Undertaking Visit for Acquiring Knowledge Scheme. Under the scheme, team of 10 students and faculty member will be visiting ATAL tunnel at Himachal Pradesh as an Educational tour.
2. Dr. P.K.Praveen Kumar, Associate Professor, Department of Bio Technology has received a grant of Rs.8000 from DBT under the scheme CTEP to organize Popular Lecture in Bio Technology on “Anti-Cancer Drug Discovery”.

External funder project from ISRO – RESPOND (JRF)

1. Dr.C.Yaashuwanth, Associate professor, Department of Information Technology has received grant of 17.54 Lakhs from ISRO under the scheme RESPOND (JRF). For the research project titled “Design and Development of Enhanced Secured Video Communication System for Video Sensor Network”.
2. Dr. P.K.Praveen kumar (PI), Associate professor, Department of Bio technology and Professor Michael Gromiha M, Professor, IITM, received Rs. 18,30,000 for his project titled “Efficacy of HSB -90 Mitochondrial Targeting of with anoides A and withaferin A in Hepatocellular carcinoma” under the scheme Teacher Associateship for Research Excellence (TARC) under SERB-DST, New Delhi.

Grant received under SVCE- EPIC Cell

1. Mr.S.C.Atul, MS by Research Scholar Department of Mechanical Engineering, received a startup grant of Rs.4,34,800 under innovation voucher Program, (IVP – EDII TN) for his project titled “ Development of VEAR resistant and insulating coating for nonferrous alloys”.

Book Edited and Published by our Faculty

1. Dr. N.Rajganesh, Associate Professor, Department of Computer Science Engineering, Pethururaj and Ramkumar Thirunavukarasu, has edited and published a book titled “Operationalizing Multi Cloud Environments”, Springer.
2. Abhishaik Mohan (Alumni 2019- Extreme Networks), Balaji Seetharaman (Extreme Networks), P.Janarthanan, Associate Professor / CSE – SVCE have publish a book

chapter titled, “An Approach to Ensure High Availability deployment of IOT Devices), Block Chain, Artificial Intelligence and the Internet of things, Springer, PP 75-89.

3. Ravirajamanikkam and Divya.V, assistant professor, department of Chemical Engineering, published a book chapter titled “Neural Network Model for Biological Waste Management systems”, Current Trends and Advances in Computer Aided Intelligent Environmental Data Engineering” Chapter 18, Elsevier, 2022.

Renewal of Research Center from Anna University

1. The department of Computer Science Engineering has successfully renewed their research center from Anna University up to December 2024.

Patent Published by our faculty:

1. Mr.Rajib Guhatha Kurtha, Dr. Matam Mohanbaju, Dr.G.Muralikrishna. Dr.N.Nalinikanth Mohant, Professor, Department of Electrical and Electronics Engineering, Mr.S.Senthilkumar, Dr.Swarnendukumar Chakraborty, Miss Pragya Singh, Tomar, Ms. R.Umamaheshwari, Dr.Brahmadatta Shukla, and Dr.Sunanda Das published and patent titled “ An image Processing and Deep learning based system for Advertisement communication”, filed in IPR on 19.09.2021 and published in 01.10.2021.(Application no : 202141042379).
2. Dr. C.Gopinath, Associate professor, Department of Electrical and Electronics Engineering filed a patent titled “Electronic Device with Multiple Batteries assigned for Multiple Specific functions in IPR, Chennai.
3. Ingenious Mr.A.Kumaraswamy, Assistant professor, department of Mechanical Engineering, ET-AL, Published a patent titled “AI Based smart touchless medicine dispensing system for Pharma field in IPR.
4. Dr. N.R.Sheela, Assistant professor, Department of Applied Physics, ET-AL, published a patent titled “Development of IOT based smart irrigation system” in IPR.

Patent Granted

1. Dr.N.Premananth, Associate Professor, Department of Mechanical Engineering and Mr.R.Sriramraj, granted a patent titled “Multi nut remover for automobiles” in IPR.

Revised final year UG Intramural project Grant

The management approved an additional grant of Rs.1, 00,000 and the total Grant will be Rs.2, 00,000 for Final year UG intramural project Grant from the academic year 2022 – 2023. The council thanked the management for the gesture.

Extramural Research Grant received by our Students and Mentors

2. Miss V.Sowmya, Final Year PG student of Department of Biotechnology received a grant through Tamilnadu State council for Science and Technology (TNSCST-Student Project Scheme for the Year 2021-2022. She received a grant of Rs.7500 for the project titled “Cloning and Expression of Human interleukin – 2 gene in pro biotic lactobacillus cesei”. The project mented by Prof M.Shivanandam, Visiting Professor- Bio, Secretary- SVCE.

3. Mr. Vikram.V. Mr. Syed Huzair.B and Mr.Harikarsudan.J final year UG student of Department of Biotechnology received a grant through Tamilnadu State council for Science and Technology (TNSCST-Student Project Scheme for the Year 2021-2022. She received a grant of Rs.7500 for the project titled “Exploration of an EPS from earth warm gut bacterium heavy metals removal potential). The project mentored by Dr.Nagavignesh.S Assistant Professor- Biotechnology.
4. Mr. Sushmitha Mahesh and Miss Shreya Srinivasan, final year UG student of Department of Biotechnology received a grant through Tamilnadu State council for Science and Technology (TNSCST-Student Project Scheme for the Year 2021-2022. She received a grant of Rs.7500 for the project titled “Evaluation of synergistic effect of medicinal Plants extract on PBMC and TNBC The project mentored by Hariharan.J Assistant Professor- Biotechnology.
5. Mr. Sanjy.N, Miss Pavithra.R and Miss Varshini.I, final year UG student of Department of Chemical Engineering received a grant through Tamilnadu State council for Science and Technology (TNSCST-Student Project Scheme) for the Year 2021-2022. She received a grant of Rs.7500 for the project titled “Design of Low-cost Carbon observers to control the emission of CO2 from the Environment”. The project mentored by Mr.M.Anandaboopathy assistant professor / Chemical Engineering.
6. Mr. B.Srinithyan, Mr.R.Shriram, P.Shiva and Mr.V.Rajaraman, final year UG student of Department of Civil Engineering, received a grant through Tamilnadu State council for Science and Technology (TNSCST-Student Project Scheme for the Year 2021-2022. She received a grant of Rs.7500 for the project titled “Low-cost speedy recovery of Dwellings from Disaster”. The project mentored by Miss Ruby Freeya, Assistant Professor/ CVE.
7. Mr.Aravindnachiappan.L, Bharath Viyas.S and Miss Chaitanya.M, final year UG student of Department of Computer Science and Engineering, received a grant through Tamilnadu State council for Science and Technology (TNSCST-Student Project Scheme for the Year 2021-2022. She received a grant of Rs.7500 for the project titled “Hand Written Tamil character recognition using Deep Neural Networks”. The project mentored by Miss G.R.Kanagavalli, Assistant professor/ CSE.
8. Mr.Rahul.B, Miss V. Mathumitha and Miss Nivetha Mukundan, final year UG student of Department of Electronics and Communication Engineering, received a grant through Tamilnadu State council for Science and Technology (TNSCST-Student Project Scheme for the Year 2021-2022. She received a grant of Rs.7500 for the project titled “Optical pen”. The project mentored by Mrs Vidya, Assistant Professor, ECE.
9. Mr.S.Sanjay, Mr.S.N.Shakararaman and P.Swetha final year PG student of Department of Electrical and Electronic Engineering, received a grant through Tamilnadu State

council for Science and Technology (TNSCST-Student Project Scheme for the Year 2021-2022. She received a grant of Rs.7500 for the project titled “Fabrication of MoS2 based thin Film Transistor for Display application””. The project mentored by Mr.S.Sudharsanam, Assistant Professor / EEE.

10. Mr.Nithish Vardhan.AVJ, Mr.Sudharsan.S and Mr.Karthikeyan.S final year UG student of Department of Automobile Engineering, received a grant through Tamilnadu State council for Science and Technology (TNSCST-Student Project Scheme for the Year 2021-2022. She received a grant of Rs.7500 for the project titled “Design of IOT base vehicle air-conditioning alert system”. The project mentored by Dr.V.Ganesh, Associate Professor / AUT.

Total amount of Rs.67500 received from TNSCST for the life funded projects of students.

The council congratulated all the above faculty members and students for their achievements.

The IQAC coordinator thanked the member and informed that the third meeting will be held in the month of March 2022 and the meeting ended at 12 noon.


IQAC Coordinator

Dr. S. GOPINATH, M.E., Ph.D
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Principal

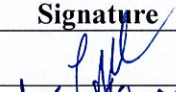

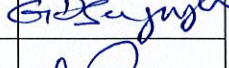

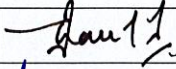
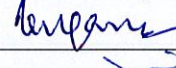
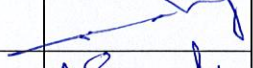
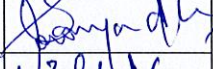
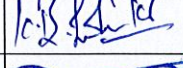
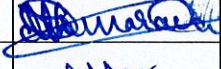
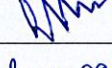
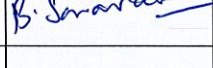

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Tamil Nadu State, India.





Internal Quality Assurance Cell (IQAC) Meeting -II (2021-2022)
Attendance Report -28th December 2021

| S.No | Name | Designation | Responsibility | Signature |
|------|--------------------------|---|----------------|--------------------|
| 1 | Dr.M.Sivanandham | Secretary, SVEHT | Management | |
| 2 | Dr.S.Ganesh Vaidyanathan | Principal | Chairperson | <i>[Signature]</i> |
| 3 | Dr.KR.Santha | Vice Principal, HOD- Electrical and Electronics Engineering | Member | <i>[Signature]</i> |
| 4 | Dr.K.Pitchandi | Controller of Examinations | Member | <i>[Signature]</i> |
| 5 | Dr.K.S.Badrinathan | Dean (Educational Development) | Member | <i>[Signature]</i> |
| 6 | Dr.R.Ramesh | Dean (Academics) | Member | <i>[Signature]</i> |
| 7 | Dr.J.Venkatesan | Dean (Student Welfare) | Member | <i>[Signature]</i> |
| 8 | Dr.R.Muthucumaraswamy | Dean (Research) | Member | <i>[Signature]</i> |
| 9 | Prof.S.Krishnan | HOD-Marine Engineering | Member | <i>[Signature]</i> |
| 10 | Dr.S.Ramesh babu | HOD-Mechanical Engineering | Member | <i>[Signature]</i> |
| 11 | Dr.S.Muthukumar | HOD-Electronics and communication Engineering | Member | <i>[Signature]</i> |
| 12 | Dr.N.Meyyappan | HOD-Chemical Engineering | Member | <i>[Signature]</i> |
| 13 | Dr.R.Anitha | HOD-Computer Science and Engineering | Member | <i>[Signature]</i> |
| 14 | Dr.V.Vidhya | HOD-Information Technology | Member | <i>[Signature]</i> |
| 15 | Dr.R.Kumutha | HOD-Civil Engineering | Member | <i>[Signature]</i> |
| 16 | Dr. E. Nakkeeran | HOD - Biotechnology | Member | <i>[Signature]</i> |

| S.No | Name | Designation | Responsibility | Signature |
|------|----------------------------|--|----------------|---|
| 16 | Dr.T.Murugavel | HOD-Science and Humanities | Member |  |
| 17 | Dr.A.Bhaskaran | HOD-Applied Physics | Member |  |
| 18 | Dr.G.Devasagayam | HOD-Applied Chemistry | Member |  |
| 19 | Dr.S.Premnath | Associate Professor- Automobile Engineering, Management Representative | Member |  |
| 20 | Mr.S.Ravichandran | Senior Vice President, Delphi- TVS Ltd. | Member | |
| 21 | Mr.Shankar Sundaram | Management Consultant | Member |  |
| 22 | Mr.K.V.Ramanan | TVS training and Services. | Member |  |
| 23 | Dr. S.Kalirajan | Deputy Dean, L&T - Institute of Project Management | Member |  |
| 24 | Ms.Sowmya Mahadevan | President -SVCE Alumni Association | Member |  |
| 25 | Dr. Sudhakar K Bharatan | Professional Objective | Member |  |
| 26 | Mr.N.Kumaratharan | Industrial Objective | Member |  |
| 27 | Prof.S.Muraleedharan | Chief Placement Officer, Educational Objective | Member |  |
| 28 | Dr.B.Saravanan | Assistant Professor, Applied Mathematics | Member |  |
| 29 | | President- Student council | Member | |
| 30 | Dr.S.Gopinath | Professor, Mechanical Engineering | Coordinator |  |