

### Internal Quality Assurance Cell (IQAC)

#### Annual Report: 2021 -2022

The institution's IQAC carefully develops its quality initiatives, ensures a culture of quality, institutionalises and internalises quality standards in accordance with NAAC standards. The following is an overview of the institution's operations for the academic year 2021-2022 under the direction and participation of the IQAC.

#### 1. Curricular Aspects:

- The college offers **6** UG programmes and **4** PG programmes in this academic year.
- Academic calendar prepared at the beginning of the year.
- Number of Add on / Certificate / Value added programs offered during the year: **13**
- The number of students benefited out of all these programmes were **266**
- Number of students under taken projects: **117**
- Number of students went for field trips: **18**
- Number of student underwent internship during the year: **152**
- Percentage of students undertaking projects / field trips / internships: **50.42%**
- Feedback was obtained from the Student, Teachers, Employer and Parents about the teaching – learning and services offered. The same were hosted in College website after analyzed and necessary action were taken.

#### 2. Teaching-Learning and Evaluation:

- The total number of student admitted during the year **204** out of sanctioned strength of **415**
- Percentage of enrolment is **49.16%**
- Students enrolled in the reservation categories: **170**
- Student: Teacher ratio for the year: **6.08:1**
- Number of full time teachers during the year: **79%**
- The following student centric method were used to improve the teaching-learning experience of the students:
  - Experiential learning such as field visits, lab courses, industrial visits, projects and Guest lectures.
  - Participative learning is encouraged through seminars, workshops, brainstorming sessions,
  - ICT enabled and Gamification tools are used.
  - Problem solving methods such as flowcharts, mind maps and fishbone diagrams are used.
- Number of teachers with NET / SET / SLET / Ph.D during the year : **20**
- Attainment of CO, PSO, PO are evaluated.
- Number of students appeared for the end semester examination: **106**
- Number of students passed the end semester examination: **78**
- Pass percentage of the students: **73.5%**



**IQAC - COORDINATOR**  
ST. MICHAEL COLLEGE OF ENGG. & TECH.,  
St. Santhiyagappar Nagar,  
Kalayarkoil - 630551.  
Sivagangai District, Tamilnadu.




**PRINCIPAL**  
ST. MICHAEL COLLEGE OF ENGG & TECH  
St. Santhiyakaper Nagar,  
Kalayarkoil - 630551.  
Sivaganga District, Tamil Nadu



Ln. Dr. V. Michael  
Founder

### 3. Research, Innovation and Extension:

- Number of research projects received: 3
- Total grants received: **9.68 lakhs**
- Number of patents filled / published / granted received during the year: 3
- Number of Workshops / Seminars / Conference conducted on Research methodology: 5
- Number of Workshops / Seminars / Conference conducted on IPR: 1
- Number of Workshops / Seminars / Conference conducted on Entrepreneurship: 6
- Number of research papers published per teacher in UGC-notified journals: 19
- Number of books and chapters published in edited volumes in national /international conference proceedings: 4
- Number of staff published in UGC notified journals/books and chapters: 4
- Number of extension and outreach programs conducted during the year through NSS / NCC etc: 12
- Number of awards and recognitions received for extension activities during the year: 9
- Number of MoU signed during the year for Internships / Field projects / on-the-job training / research / other academic activities: 14
- Number of Collaborations during the year for Internships / Field projects / on-the-job training / research / other academic activities: 13

### 4. Infrastructure and Learning Resources:

- Number of classrooms and Seminar halls: 40
- Total expenditure of the institution spent on infrastructure augmentation excluding salary during the year: **41.14 lakhs**
- Total expenditure spent on Library and Learning Resources during the year: **3.14 lakhs**
- Bandwidth facility available: **80Mbps**
- Student - Computer ratio: **1:1.6**
- Total expenditure spent on the maintenance of the academic and physical facilities during the year: **58.48 lakhs**




**IQAC - COORDINATOR**  
ST. MICHAEL COLLEGE OF ENGG. & TECH.,  
St. Santhiyagappar Nagar,  
Kalayarkoil - 630551,  
Sivagangai District, Tamil Nadu.



**PRINCIPAL**  
ST. MICHAEL COLLEGE OF ENGG & TECH  
St. Santhiyakaper Nagar,  
Kalayarkoil - 630551,  
Sivaganga District, Tamil Nadu





Ln. Dr. V. Michael  
Founder

### 5. Student Support and Progression

- Number of students benefited by the Government Scholarships: **520**
- Number of students benefited by the Institutional Scholarships: **37**
- Amount of scholarship offered by the institution: **11.11 lakhs**
- Number of capacity building and skill enhancement initiatives: **4**
- Percentage of students benefited by the guidance for competitive examinations / Career counselling: **57.91%**
- Number of student placed and progressed to higher education during the year: **73**
- Percentage of students placed and progressed to higher education: **67.59%**
- Awards and medals received by the student for outstanding performance in sports and cultural activities: **13**
- Number of Sports and Cultural programs in which students participated during the year: **39**

### 6. Governance, Leadership and Management:

- Various functional committees of the institution during the year:
  - Internal Compliance Committee
  - Anti- Ragging Committee
  - POSH (Prevention of Sexual Harassment)
  - Equal Opportunity Cell
- New areas of implementation in e-governance during the year:
  - Event registration, Venue booking and helpdesk options were added in the Administrative module.
  - Online fee payment, Option for partial payment approval, Scholarship request and UPI transaction were enabled in Finance and Accounts module.
  - Online application and Documents upload provision for admission were added under Student Admission and Support.
  - Student grievances related to internal examination through student portal were added under Examination module.
- Number of staff provided with financial support for attending conference / workshop and towards membership fee: **48**
- Total expenditure on financial support offered to the staff: Rs. **58,500**
- Number of teaching staff participated in FDP: **52**
- Number of non-teaching staff participated in administrative training programs: **19**
- Annual strategic plan:
  - IQAC prepared a plan of action for academic departments and other units of the college with desired outcomes.



**IQAC - COORDINATOR**  
ST. MICHAEL COLLEGE OF ENGG. & TECH.,  
• St. Santhiyagappar Nagar,  
Kalayarkoil - 630551.  
Sivagangai District, Tamilnadu.




**PRINCIPAL**  
ST. MICHAEL COLLEGE OF ENGG & TECH  
St. Santhiyakaper Nagar,  
Kalayarkoil - 630551.  
Sivaganga District, Tamil Nadu



Ln. Dr. V. Michael  
Founder

- IQAC initiatives during the year:
  - One-week Faculty Development Program (FDP) on the topic "Intellectual Property Rights and Patents: Understanding the Basics for Researchers."
  - Three-day Faculty Development Program (FDP) exclusively designed for the Non-Teaching Staff on the topic "Digital Skills and Computer Literacy for Non-Teaching Staff."
  - A five-day Faculty Development Program (FDP) on the topic "Wearable Devices & Antenna Technologies for IoT, Mobile, and Telemedicine Applications"
  - An Online FDP on "Modern Materials, Advanced Technologies for Infrastructure & Modelling of Mechanical Behaviour of Composite Materials"
- IQAC meetings conducted during the year:
  - 2<sup>nd</sup> IQAC meeting held on **10-12-2021**.
  - 1<sup>st</sup> IQAC meeting held on **10-06-2021**.
- Number of Collaborative activities carried out during the year: 2
- Quality audits conducted during the year:
  - Internal academic and administrative audit was conducted on
  - ISO external audit held on **Feb 4<sup>th</sup> 2022**.
  - Energy, Environment audit was conducted on **May 10<sup>th</sup>, 2022**.
  - Green audit was conducted on **May 16<sup>th</sup>, 2022**.
- Summary of academic programs organized from June 2021 to May 2022:  
Total Programs conducted:
  - Webinar / Seminar / Workshop / National / International Conferences: 12
  - Guest Lectures: 3
  - Faculty Development Programs: 4
  - Career Guidance & Placement programs: 3
  - Capacity Building Programs: 12
  - Industrial Visits and Field trips: 19
  - Sports activities: 19
  - Cultural Activities: 20

### 7. Institutional Values and Best Practices:

- Number of gender equity / promotion activities conducted during the year: 06
- Number of National / International commemorative days celebrated / organized during the year: 11
- Green campus initiatives: The College signed a MoU with **E- PARISARA PVT LTD** to set up the Micro – Composting centre to undertake end-to-end process of collecting the wet waste and to produce organic fertilizer.
- Environmental promotional activities conducted during the year: 9



**IQAC - COORDINATOR**  
ST. MICHAEL COLLEGE OF ENGG. & TECH.,  
St. Santhiyagappar Nagar,  
Kalaiyarkoil - 630551.  
Sivagangai District, Tamilnadu.




**PRINCIPAL**  
ST. MICHAEL COLLEGE OF ENGG & TECH  
St. Santhiyakaper Nagar,  
Kalayarkoil - 630551.  
Sivaganga District, Tamil Nadu