



# K.M.G. COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

R.S.ROAD, AMMANANGUPPAM, GUDIYATTAM - 635 803.

Approved by Govt.of Tamilnadu & Permanently Affiliated to Thiruvalluvar University

Recognized under section 2(f) and 12(B) of the UGC Act 1956

Accredited By NAAC with 'A' GRADE (CGPA of 3.24/4 - II<sup>nd</sup> Cycle)

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## INTERNAL QUALITY ASSURANCE CELL (IQAC) ANNUAL REPORT (2024-25)

### Activity: 1

The Outcome- Based Education (OBE) Awareness and Training Program for students was held from 25<sup>th</sup> June 2024 to 28<sup>th</sup> June 2024 with the objectives with the objective of introducing and empowering students with a comprehensive understanding of Outcome-Based Education (OBE). The Theme of the program entitled "Unlocking Potential: Student Empowerment through OBE," emphasized the role of students in actively participating in their own learning journey through structured outcomes and assessment mechanisms.

Mr.B.Balaji, IQAC Coordinator delivered the keynote address on the opening day, outlining the importance of OBE in modern education and its impact on student learning and employability. Mr.R.M.Balamurugan, IQAC Member conducted the sessions on learning outcomes and assessment methods, guiding students through practical activities on drafting and evaluating learning outcomes.



## Activity 2:

The Internal Quality Assurance Cell (IQAC) and Research Development Cell (EDC) jointly organized On Faculty Development Programme (FDP) on "Funding Agencies for Educational Training and Research" was held at the KMG Seminar Hall on 21.08.2024. The session aimed to provide faculty members and researchers with essential knowledge on securing funding for educational and research initiatives, which is crucial for enhancing academic quality and promoting research innovation.

Dr.C.Dhandapani, Principal, delivered a presidential address. The highlight of the programme was the keynote session delivered by Prof. Dr. R. Sahadevan, former CSIR Emeritus Scientist and a distinguished academician. Prof. Sahadevan, with his extensive experience in securing research grants, delivered a comprehensive talk on the various funding agencies available for educational training and research in India.

The event was meticulously coordinated by the Research Development Cell under the leadership of Dr.S.Kamaraj, Dr.P.Shankar with support from IQAC team members Prof.B.Balaji and Prof.R.M.Balamurugan. Their efforts ensured a smooth and impactful session that provided attendees with the tools and knowledge necessary for pursuing funding opportunities.

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GUDIYATHAM 635803  
Permanently Affiliated to Thiruvalluvar University Recognized under Sec. 2 (F) (ii) of the UGC Act, 1956  
Accredited by NAAC with 'A' Grade (CGPA of 3.26/A) (3rd Cycle)  
**INTERNAL QUALITY ASSURANCE CELL (IQAC) & RESEARCH AND DEVELOPMENT CELL JOINTLY ORGANISE**  
**FACULTY DEVELOPMENT PROGRAM**  
ON  
**"FUNDING AGENCIES FOR EDUCATIONAL TRAINING AND RESEARCH"**  
DATE: 21.08.2024 (WEDNESDAY) VENUE: SEMINAR HALL TIME: 11.00 AM  
**RESOURCE PERSON:**  
**Prof. Dr. R. SAHADEVAN**  
Former CSIR Emeritus Scientist,  
Former Director and Head,  
Ramanujan Institute for Advanced Study in Mathematics,  
University of Madras  
Former Member - Syndicate  
Thiruvalluvar University, Vellore-632115  
**CHIEF PATRONS**  
Thiru. K.M.C. BALASUBRAMANIAN, Managing Trustee  
Thiru. K.M.C. SUNDARAVADANAM, Chairman  
Thiru. K.M.C. RAJENDRAN, Secretary  
Thiru. K.M.C. MUTHURAMAN, Treasurer  
**ORGANIZING COMMITTEE**  
Dr. J. Jayakumar, Head, Department of Hindi  
Dr. V. Manohar, Assistant Professor in Hindi  
Dr. P. Shankar, Assistant Professor in Business Administration  
Dr. S. Sankaranarayanan, Head, Department of English  
Dr. S. Sankaranarayanan, Assistant Professor in Biochemistry  
Dr. D. Srinivasan, Assistant Professor in Commerce  
Prof. R. Prasad, Assistant Professor in Mathematics  
Dr. M. Rajalakshmi, Assistant Professor in Microbiology  
Dr. A. Theerthapada, Assistant Professor in Commerce I  
Dr. S. Prasad Kumar, Assistant Professor in Chemistry  
Prof. M. Balasubramanian, Assistant Professor in Computer Science  
IQAC Member  
ALL ARE WELCOME



### Activity 3:

The Internal Quality Assurance Cell (IQAC), Placement Cell, and the Universal Higher Education Trust was Jointly organized the Personality Development Program on “Bringing out the Leader in you” On 29th October 2024 @ 10.00 a.m. at K.M.G. Seminar Hall of our college. The primary objective of the program was to inspire and empower students to unlock their leadership potential, equipping them with essential qualities to succeed both in their careers and personal lives.

Our College Principal Dr. C. Dhandapani welcomed the distinguished guests and participants, highlighting the importance of leadership in today’s competitive world. He emphasized that effective leadership is not just about authority, but about inspiring others, taking initiative, and continuously striving for personal growth.

Our College Secretary Shri K.M.G. Rajendran, spoke about the critical role leadership plays in shaping an individual’s career trajectory and highlighted the value of soft skills in building effective leadership and also took the opportunity to release the College Newsletter, a publication that showcases the achievements, activities, and upcoming events of the college. The release of the newsletter was a moment of pride for the institution, marking another milestone in fostering communication and engagement within the college community.





Prof. M. Sakthivel, the Placement Cell Coordinator and Assistant Professor in the Department of Microbiology, introduced the Chief Guest, Prof. Dr. Vincent Herald Wilson, Professor in the Department of Thermal and Energy Engineering, School of Mechanical Engineering, VIT University, Vellore.

Prof. Dr. Vincent Herald Wilson delivered an inspiring Keynote Address on the topic "Bringing Out the Leader in You". He shared valuable insights into leadership, focusing on how students can cultivate leadership qualities that go beyond technical knowledge. He emphasized the importance of self-awareness, emotional intelligence, communication skills, and the ability to motivate others as key traits of a successful leader. His session was both engaging and thought-provoking, filled with practical advice on how students could apply leadership principles in their daily lives.

Dr. S. Dinesh Kumar, Placement Cell Member, Assistant Professor in the Department of Microbiology expressed his sincere gratitude to the Chief Guest, the dignitaries, and the participants for making the program a success. He also thanked the organizing teams Prof.B.Balaji, IQAC Co-Ordinator, Prof.R.M.Balamurugan, IQAC Member, Prof.M.Sakthivel, Placement Cell Co-Ordinator and Mr.Sundarraaj, Assistant Project Director, Universal Higher Education Trust, VIT University, Vellore.

## Activity 4:

The Internal Quality Assurance Cell (IQAC), Placement Cell, and the Universal Higher Education Trust was Jointly organized the Life Skills Workshop on "Life Skills for Career and Personal Success" On 29th October 2024 @ 11.30 a.m. at K.M.G. Seminar Hall of our college. The event was a joint initiative by The workshop aimed to equip students with essential life skills that contribute to both personal growth and professional success.

Welcome Address by Dr. C. Dhandapani, Principal who extended a heartfelt greeting to all the participants and distinguished guests. In his address emphasized the importance of life skills in today's dynamic world and how they are key to fostering both academic and personal development.

Shri.K.M.G.Rajendran, the Secretary of our College, who reiterated the institution's commitment to providing holistic education to students. He highlighted the need for students to go beyond academic excellence and develop practical skills that would aid them in their professional careers. His address focused on the importance of emotional intelligence, communication, leadership, and problem-solving abilities as critical components of career and Personal Success.



Prof. R.M. Balamurugan, IQAC Member and Assistant Professor in the Department of Computer Science, introduced the Chief Guest, Prof. Dr. S. Jose, Professor in the Department of Thermal and Energy Engineering, School of Mechanical Engineering, VIT University, Vellore.

Prof. Dr. S. Jose delivered the Keynote Address, focusing on the significance of life skills in shaping a successful career. Dr. Jose discussed various life skills such as time management, decision-making, critical thinking, teamwork, and adaptability. He emphasized that these skills are just as essential as technical knowledge in ensuring long-term career success and personal satisfaction. His interactive session encouraged students to develop a growth mindset and approach challenges with resilience and creativity.

The event concluded with the Vote of Thanks delivered by Dr. S. Dinesh Kumar, Assistant Professor in the Department of Microbiology. He expressed his gratitude to the Chief Guest, the dignitaries, and the participants for making the event a success. He also thanked the organizing teams of Prof.B.Balaji, IQAC Co-Ordinator, Prof.R.M.Balamurugan, IQAC Member, Prof.M.Sakthivel, Placement Cell Co-Ordinator and Mr.Sundarraaj, Assistant Project Director, Universal Higher Education Trust, VIT University, Vellore. for their efforts in planning and executing the workshop. Finally, he encouraged students to apply the insights gained during the workshop to enhance their academic and professional lives.

## **Activity 5:**

The University Grants Commission (UGC) organized a Southern Zone Conference on the Implementation of the National Education Policy (NEP) 2020 for autonomous colleges. The conference, held on 14th November 2024 at IIT Madras, Chennai, provided a platform for academicians, policymakers, and education stakeholders to discuss and deliberate on the successful implementation of NEP 2020 across the country, particularly in autonomous institutions. The event was attended by eminent scholars, faculty members, and representatives from various autonomous colleges in the Southern region.

### **Academic Discussion Sessions:**

The conference comprised several academic sessions, each focusing on key aspects of the National Education Policy 2020. These sessions provided valuable insights into the vision, challenges, and strategies for executing NEP in autonomous colleges. The following sessions were discussed in detail:

**National Credit Framework Implementation:** This session focused on the framework for assigning academic credits to various courses and disciplines, ensuring a standardized system for student mobility and credit transfer across institutions. Experts discussed how the National Credit Framework (NCF) will enhance the flexibility of academic programs and create a unified system for students across India.

**Academic Bank Credits (ABC):** This session highlighted the role of Academic Bank Credits (ABC) in providing students with greater academic flexibility. ABC is designed to allow students to accumulate academic credits from various institutions, offering opportunities for interdisciplinary learning and enhancing the overall student experience.

**Digital Empowerment:** A critical discussion on the Digital Empowerment of faculty and students was conducted. The session explored the integration of digital tools in teaching, learning, and administration. It emphasized the importance of upskilling faculty to make the most of digital platforms, ensuring that both educators and students are equipped for the digital future.

**Research and Innovation Ecosystem:** This session addressed strategies to strengthen the Research and Innovation Ecosystem in higher education institutions. The discussions revolved around fostering a culture of research, increasing funding opportunities, promoting interdisciplinary collaborations, and encouraging innovation-driven education.

**Enhancing the Employability of Graduates:** In this session, experts discussed how NEP 2020 aims to bridge the gap between academic education and employability. The focus was on integrating skill development, industry collaboration, and internships into the curriculum, enhancing the job readiness of graduates and aligning their education with market needs.

**Bharatiya Bhasha, Indian Knowledge System and Internationalization:** This session emphasized the importance of promoting Bharatiya Bhasha (Indian languages) and the Indian Knowledge System (IKS) within the academic framework. Additionally, discussions revolved around the internationalization of Indian higher education and how NEP 2020 encourages collaboration with global institutions while retaining the core Indian ethos in education.

**NEP 2020: Effective Implementation and Monitoring:** The final session focused on effective implementation and monitoring mechanisms for NEP 2020. Strategies for ensuring smooth implementation, overcoming challenges, and continuously evaluating the policy's impact were discussed. This session highlighted the role of higher education institutions in ensuring that the goals of NEP are realized at the grassroots level.

**Participation by Our College Faculty Members:**

Our college was represented by the following esteemed faculty members who actively participated in the conference:

1. Dr. J. Jayakumar, Head, Department of Tamil
2. Dr. D. Manikandan , Head, Department of Microbiology
3. Prof. B. Balaji , IQAC Coordinator, Assistant Professor, Dept. of Chemistry
4. Prof. R. M. Balamurugan, IQAC Member, Assistant Professor, Dept. of Computer Science.



We extend our gratitude to the UGC and IIT Madras for organizing such a timely and impactful conference and look forward to implementing the knowledge gained in strengthening our academic practices and aligning them with the vision of NEP 2020.



## **Activity 6:**

The Association of Self Financing Arts, Science & Management Colleges of Tamil Nadu successfully organized a One-Day State Level Conference on the theme "National Institutional Ranking Framework to Improve Ranking" On 15th October 2024 at Coimbatore. The conference was attended by 150 delegates from across Tamil Nadu, representing various self-financing institutions in the region.

### **Inaugural Session:**

The event began with the Welcome Address by Dr. T. Sethupathi, Secretary of the Association Self-Financing Arts, Science & Management Colleges of Tamilnadu extended a warm welcome to the esteemed dignitaries and participants, stressing the importance of the conference in understanding and improving institutional rankings through the National Institutional Ranking Framework (NIRF). He emphasized the role of rankings in driving institutional growth and enhancing educational quality.

The Presidential Address was delivered by Prof. Dr.Ajeet Kumar Lal Mohan, President of the Association Self-Financing Arts, Science & Management Colleges of Tamilnadu. He pointed out that rankings are not just a measure of performance but also serve as a tool for continuous improvement and global recognition. He also congratulated the awardees for their exceptional achievements, acknowledging their contributions to institutional excellence.

The Inaugural Ceremony was graced by two distinguished guests:

Dr. K. Ramasamy, Chancellor of Karpagam Academy of Higher Education, and

Dr. V. Geethalakshmi, Vice Chancellor of Tamil Nadu Agricultural University.

Both of them highlighted the crucial role of academic excellence in improving rankings and the impact it has on the overall development of the institution. Their presence and words of encouragement set a positive tone for the conference discussions.

## **Conference Sessions:**

The conference featured two key sessions that offered valuable insights on improving rankings through strategic approaches:

### **Session 1: NIRF Ranking - Compliance and Quality Enhancement Strategies:-**

The first session was led by Dr. P.B. Harathi, Principal of PSGR Krishnammal College for Women, Coimbatore. She focused on NIRF Compliance and provided a comprehensive overview of the strategies institutions can adopt to enhance the quality of education and meet the criteria set by NIRF. She emphasized the importance of adhering to the prescribed guidelines and continuously improving key parameters such as teaching, learning resources, research, and outreach activities to improve institutional rankings.

### **Session 2: NIRF Innovation Ranking - Methodology and Metrics:-**

The second session was conducted by Dr. M. Sivaramkumar, of SNS College of Technology, who presented on the NIRF Innovation Ranking, explaining the methodology and metrics used to assess the innovation capabilities of institutions. He elaborated on the importance of fostering a culture of innovation in higher education and how it significantly contributes to a higher innovation ranking in the NIRF framework. He discussed various initiatives such as research and development, patent filings, startup incubation, and collaborations with industries, which can enhance an institution's innovative potential

### **Participation by Our College Faculty Members:**

Our college was represented by the following esteemed faculty members who actively participated in the conference:

1. Prof. R.M.Balamurugan, NIRF Coordinator & IQAC Member,  
Assistant Professor, Dept. of Computer Science.
2. Prof. B. Balaji, IQAC Coordinator, Assistant Professor, Dept. of Chemistry

The participation of our faculty members provided an excellent opportunity for sharing experiences and gaining insights into the NIRF Ranking System how institutions can improve their performance to achieve better rankings.

. The Delegates gained a deeper understanding of the key parameters that influence the NIRF ranking process, including teaching and learning, research and professional practices, graduation outcomes, outreach and inclusivity, and perception. Compliance and Quality Strategies: Effective strategies to comply with NIRF standards and improve quality were shared, focusing on a structured approach to teaching, research, and infrastructure.



Coimbatore, Tamil Nadu, India

255, Race Course Rd, Race Course, Coimbatore, Tamil Nadu 641018, India

Lat 11.002223°

Long 76.976715°

15/10/24 05:08 PM

State Level Conference on NIRF

## **Activity : 7**

### **Event Details**

- **Title:** Faculty Empowerment Program on “Research Opportunities in Science”
- **Date:** Thursday, 20<sup>th</sup>February2025
- **Time:** 2:00 PM
- **Venue:** K.M.G. Seminar Hall
- **Organizer:** Internal Quality Assurance Cell(IQAC)

### **Resource Person**

**Dr.B.Venkatraman, D.Sc.,(HonorisCausa)HFISNT,FChASc,FSAEST**

- Executive Chairman, Southern Zone, National Council of Science Museums, Ministry of Culture
- Distinguished Scientist and Former Director, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam
- Member-Syndicate, Thiruvalluvar University

### **Participants**

A total of **88 faculty members** actively participated in this event ,representing various departments of the college.

### **Objective of the Program**

The Faculty Empowerment Program aimed to enhance awareness and understanding of **research opportunities in science**, equipping faculty members with knowledge on:

- Emerging research trends in scientific disciplines
- Government and private funding opportunities



- Interdisciplinary research prospects
- Ethical and practical aspects of research
- Strategies for publishing high-impact research papers
- 

## **Program Highlights**

### **1. Inauguration Session:**

- The event commenced with a warm welcome by the IQAC Coordinator.
- The Principal addressed the gathering, emphasizing the institution's commitment to promoting research culture.
- The Chief Guest, **Dr.B.Venkatraman**, was introduced, highlighting his vast expertise and contributions to scientific research.

### **2. Keynote Address by Dr.B.Venkatraman:**

- Discussed **current advancements and research opportunities** in various fields of science.
- Shared insights on **government research schemes** and collaboration possibilities with premier institutions.
- Encouraged faculty members to **apply for research grants** and publish in reputed journals.
- Explained the **role of science in national development**, linking it to policies like Vikshit Bharat 2047.
- 

### **3. Interactive Q&A Session:**

- Faculty members raised queries about **funding agencies, proposal writing, and research collaborations**.
- The resource person provided detailed responses, guiding faculty on **best practices in research**.
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### **4. Concluding Remarks:**

- Vote of thanks was delivered, appreciating the resource person, management, and participants for making the event a success.
- Certificates of participation were distributed to the attendees.

## Outcome and Impact

- Faculty members gained **valuable knowledge** on research prospects.
- Increased interest in **applying for funded projects** and forming research groups.
- Strengthened the **research culture** at K.M.G. College of Arts and Science.







This Faculty Empowerment Program successfully enriched the faculty's understanding of research opportunities, aligning with the college's mission to foster academic excellence.