

**K.M.G. COLLEGE OF ARTS & SCIENCE,  
GUDIYATTAM.**



**P.G. & RESEARCH DEPT. OF CHEMISTRY  
ANNUAL REPORT [2021-2022]**

## ANNUAL REPORT [2021-2022]

### ACADEMIC ACHIEVEMENTS:

Results Produced by all classes of our department in the academic year (2021-2022):

II M.Sc. Chemistry – 100%

I M.Sc. Chemistry –100%

III B.Sc. Chemistry – 100%

II B.Sc. Chemistry – 100%

I B.Sc. Chemistry – 100%

### QUIZ PROGRAMME

A CHEMISTRY "QUIZ COMPETITION" was organized in PG & Research Department of Chemistry on 03.03.2022. Six teams of our department students participated in the programme. The first three teams were awarded with momentums.

### INTERNATIONAL LEVEL WEBINAR

The PG & Research Department of Chemistry was organized an International Webinar on **"ELECTROCHEMISTS: THE FUTURE CODERS OF ENERGY CONVERSION SCIENCE AND TECHNOLOGY"** on **18-08-2021**. Dr. T. MAIYALAGAN, Associate Professor, SRM Research Institute, SRMIST, Chennai, as the resource person delivered a special lecture on "METAL AIR BATTERY: A SUSTAINABLE AND FUTURE ELECTROCHEMICAL ENERGY STORAGE OF CHOICE". & Dr. ANANTHARAJ SENGANI, Assistant Professor, Waseda University, Tokyo, JAPAN delivered a special lecture on "FUTURE CODERS OF THE ENERGY CONVERSION SCIENCE AND TECHNOLOGY". About 168 participants from various states and countries participated in the International Webinar.

## OUT-CAMPUS ACHIEVEMENTS:

- Six PG students participated in the Inter collegiate “CHEMFEST-2022” conducted by RUSAC in Sacred Heart College (Autonomous), Tirupattur on 18.03.2022. Our students won third place in “**Chem – Connections**”.
- Dr. M. S. Sivakami, HOD of Chemistry gave a Training Programme on Entrepreneurship to Self – Help group Village Women in Kadapanthangal Village through a NSS Camp on 05<sup>th</sup> Apr’ 2022, organized by Arignar Anna Government Arts College for Women, Walajapet.
- Our department faculty members attended “**NAAC NEW GUIDELINES AND IMPORTANCE OF IQAC IN POST COVID TIME FOR AFFILIATED COLLEGES**” during 29<sup>th</sup> – 31<sup>st</sup> July 2022, organized by K.M.G. College of Arts and Science, Gudiyatham.
- Our faculty members Mr. V. Umamageshwaran, Ms. P. Manimegalai and Mr. B. Balaji attended Webinar on “**DYNAMICS OF CHARISMATIC COMMUNICATION**” on 16<sup>th</sup> July 2021, organized by Islamiah College for Men (Autonomous), Vaniyambadi.
- Our faculty members Mr. V. Umamageshwaran, Ms. P. Manimegalai, Mr. E. Jagan and Mr. B. Balaji attended **National Workshop on "Scope and Opportunities to Build Professional Career in Chemistry**, on 10<sup>th</sup> Aug’ 2021, organized by Shanmuga

Industries Arts and Science College, Manalurpet Road, Tiruvannamalai - 606 603, Tamilnadu, India.

- One of our faculty Mr. V. Umamageshwaran attended **Webinar on “Remote Access for online learning”** on 6<sup>th</sup> Sep’ 2021, organized by C. Abdul Hakeem College (Autonomous), Melvisharam, Vellore.
- Our faculty Mr. B. Balaji attended **“International Virtual Conference on CHEMICAL RESEARCH FOR SUSTAINABLE DEVELOPMENT (ICCRSD-2021)”** on 24<sup>th</sup>& 25<sup>th</sup> Sep’ 2021, organized by Department of Chemistry, SRMIST, Ramapuram Campus, Chennai -89.
- Our faculty Mr. S. Sathiesh attended **“Enhancing and Sustaining Quality Higher Educational institutions Through New Accreditation Frame work of NAAC”** on 21<sup>st</sup> Oct’ 2021, organized by Islamiah College for Men (Autonomous), Vaniyambadi.
- Our faculty Mr. B. Balaji attended **“Vigyan Utsav (Science Festival)”** on 18<sup>th</sup> Nov’ 2021, organized by Tamilnadu State Council for Science and Technology, Chennai.
- Our faculty Mr. B. Balaji attended **“Reading The Preamble On Constitution Day”** on 26<sup>th</sup> Nov’ 2021, organized by MyGov Team.
- Our faculty Mr. B. Balaji attended **“International E-Conference on Sustainable Futuristic Materials”** on 29<sup>th</sup>& 30<sup>th</sup> Nov’ 2021, organized by International Research Centre and Department of Chemistry, Kalasalingam Academy of Research and Education, Krishnankoil. Nagpur.

- Our faculty members Mr. V. Umamageshwaran, Mr. S. Sathiesh and Mr. S. Sekar attended Webinar on **“Functional Material and Nanostructures”** on 22<sup>nd</sup> Dec’ 2021, organized by Islamiah College for Men (Autonomous), Vaniyambadi.
  
- Our department faculty members attended **“International Webinar on Chemistry Education”** on 4<sup>th</sup> & 5<sup>th</sup> Feb’ 2022, organized by Department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur and Department of Chemistry, Govt., Madhav Science PG College, Ujjain, with association of Association of Chemistry Teachers (ACT) Mumbai.
  
- Our faculty Mr. S. Sathiesh attended **“Research Facility Training Program”** on 7<sup>th</sup> Feb’ 2022, organized by Department of Chemistry, Thiruvalluvar University, Vellore.
  
- Our faculty Dr. S. Praveen Kumar presented his research article entitled as **“Electrocatalytic detection of dopamine by Co(II) Schiff base complex modified GCE”** in **“Virtual Internal Conference on Surface Chemistry (SUCH 22)”**, on 11<sup>th</sup> & 12<sup>th</sup> Feb’ 2022, organized by Department of Chemistry, Annamalai University, Chidambaram, Tamil Nadu.
  
- Our faculty Dr. S. Praveen Kumar attended virtually **One day National level seminar on “Solutions to real Time Chemical Engineering problems using ANN & Primavera P6”** on 11<sup>th</sup> Mar’ 2022, organized by Department of Chemical Engineering, Saveetha Engineering College, Chennai.

- Our faculty Dr. S. Praveen Kumar presented his research article entitled as **“Determination of 4-nitrophenol by electrocatalytic sensing method using Nickel(II) Schiff base complex modified GCE”** in **“International Virtual Conference on Materials Science and Technology(ICMAST 2022)”**, on 15<sup>th</sup>& 16<sup>th</sup> Mar’ 2022, organized by Department of Physics, KandaswamiKandar’s College, Velur, Nammakal in association with Indian Spectrophysics Association, Chennai.
  
- Our Department faculty members attend a Virtual International Webinar on **“MATERIALS – MAKE THE WORLD”** on 23<sup>rd</sup> Mar 2022, organized by IQAC and PG Department of Chemistry, Sri Kumara GuruparaSwamigal Arts College, Srivaikuntam, Tamil Nadu.
  
- Our faculty Dr. S. Praveen Kumar presented his research article entitled as **“Determination of dopamine by using Chromium(III)Schiff base complex modified GCE”**in **2<sup>nd</sup>Virtual Internal Conference on Hierarchically Structured Materials (ICHSM 22)**, on 24 & 25<sup>th</sup> Mar 2022, organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram Campus, Chennai – 89.

**100% ATTENDANCE SECURED BY STUDENTS:**

Most of our department students, both UG and PG secured 100% attendance