



Teaching Learning Centre

Ramanujan College
(Accredited Grade 'A++' by NAAC)
University of Delhi

in collaboration with

Kongunadu Arts and Science College (Autonomous)

29th Rank among Colleges in NIRF 2023

Coimbatore

and

Kandaswamy Kandar's College

Velur

under the aegis of

Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching
Ministry of Education

is organising an

Online Two-week Refresher Course in

CHEMISTRY

15 - 29 December 2023

Call for Registration & Participation

RAMANUJAN COLLEGE

Ramanujan College, a constituent College of the University of Delhi was established in 1958 as an evening college. The College has been accredited Grade “A++” by the National Assessment and Accreditation Council (NAAC) in its Second Cycle.

At present, Ramanujan College offers sixteen undergraduate programmes in different disciplines. Besides this, the college has been awarded the DDU KAUSHAL (Deen Dayal Upadhyay – Knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood) Kendra (2016) by UGC and Teaching Learning Centre (2017) by the Ministry of Education. The College also offers short-term diploma, certificate, and executive development programmes on contemporary and skill-oriented themes to complement the regular graduation courses. It is also the Study Centre of School of Open Learning (SOL), Non-Collegiate Women Education Board (NCWEB) and Indira Gandhi National Open University (IGNOU) for various courses.

In 2018, the College conducted a Course on Human Rights, Environment and Ethics through its National Resource Centre (NRC), under the Annual Refresher Programme in Teaching (ARPIT) scheme of MoE. The College has also entered into Memorandum of Understanding(s) with foreign universities. It is also working for collaboration with other higher education institutions located in remote areas of the country, under the Vidya Vistar Scheme of the University of Delhi.



TEACHING LEARNING CENTRE RAMANUJAN COLLEGE

Teaching Learning Centre (TLC) is mandated by the Ministry of Education (MoE) to organise Faculty Development Programmes (FDPs), Faculty Orientation and Induction Programmes (FIPs), discipline specific and interdisciplinary Refresher Courses, conferences, workshops, through offline and online modes. These programmes are based on indepth subject knowledge, quantitative and qualitative research methodologies, and on an interdisciplinary approach as is envisaged in the National Education Policy (NEP), 2020.

The TLC, Ramanujan College has been set up with the aim of "Reaching the Unreached" teachers in terms of regional diversity and geographically remote areas of the country. It has successfully conducted more than hundred learner-centric programmes since October 2017 and trained over one lakh teachers across the country in various discipline specific and interdisciplinary programmes.

In the TLC Programmes distinguished and internationally acclaimed resource persons deliver lectures and conduct sessions on wide ranging disciplines/topics of relevance in the contemporary and ever evolving global scenario to benefit the teaching fraternity, corporates and researchers. The sessions are also uploaded for larger audiences on the official YouTube Channel of the College.

Ramanujan College is a pioneer in offering offline/online courses for faculty members of higher education institutions and research scholars through the customised Learning Management System (LMS), designed by the College's Research Development and Services Cell. It is predominantly participant-friendly and incorporates evaluation methods and comprehensive feedback systems to judge learning outcomes. The LMS is hosted on CLOUD with high scalability and reliability. The College has installed its own Cloud Infrastructure to host its servers for research and data analysis

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Kongunadu Arts and Science College started with pre-university course in the year 1973-74, has grown tremendously in academic stature and is now offering 25 UG and 13 PG courses. The college has also blossomed into a full fledged Research institute offering M.Phil and Ph.D programmes in 13 disciplines.

At present around 5000+ students are studying and among the total students woman population is around 45%. Our college has the distinction of having over 154 PhDs among the total number of 208 teaching faculty.

The college has been Re-accredited with “A+” Grade by the National Assessment and Accreditation Council (NAAC) in the 4th Cycle. Recognizing the quality of Teaching imparted in the college, the University Grants Commission (UGC) awarded the status of “College with Potential for Excellence” (CPE) in the year 2011. Satisfied with the successful implementation of the proposals under the CPE scheme, the UGC has awarded the status of “College of Excellence” to our college. Autonomy was granted to the college in the year 2004 and it has been extended by the UGC up to 2031-2032. In the year 2019, Our College has been approved with a financial allocation of Rs. 30,00,000 (Rupees Thirty Lakhs) as Mentor Institution by UGC under the scheme of “Paramarsh” for mentoring NAAC Accreditation Aspirant Institutions to promote Quality Assurance in Higher Education. The Department of Biotechnology (DBT) under STAR COLLEGE SCHEME has granted financial assistance of Rs. 84.00 lakhs for strengthening Under Graduate (UG) Science Education of the Department of Physics, Chemistry, Mathematics and Computer Science (Aided). The Department of Science and Technology (DST), Ministry of Science and Technology, Govt. of India has granted financial assistance to a tune of Rupees 80.00 lakhs to this college under FIST programme.

The college had been positioned at 29th rank in NIRF ranking 2023 and categorized as Participated Institution in ARIIA-2023. The KASC-IIC4.0 bagged the 3 Star status in the IIC Ranking 2023. The college is a Partner Institute with the Amrita DST Technology Enabling Centre (TEC). The Institute in association with SATHISH DHAWAN SPACE CENTRE SHAR – SRIHARIKOTA - ISRO successfully organized WORLD SPACE WEEK -2023.

The institution is also recognized as a Nodal center for Virtual Labs by the Amrita Vlabs for the department of Biotechnology and School of Computer Science and I-STEM. In the last two years a total number of 16 patents were published and 5 patents were granted. Institution's Innovation Councils (IICs) is established to facilitate Innovation from students and faculties. Research and Development cell of the college monitors the ongoing research activities and the cell brings out a bi-annual journal in the name of "Kongunadu Research Journal" in which standard research articles are being published. Institution's Innovation Councils (IICs) in HEIs 21st November 2018.

The Library and Information centre in the college has a collection of 88,000 volumes of Books, 167 Periodicals, 10,00,000 e-books (N-List / INFLIBNET).



KANDASWAMI KANDAR'S COLLEGE, VELUR

“The biographies of great men constitute the history of a country”

The life, thoughts and services of a great man called Sri Sankara Kandaswami Kandar, who was born in a small village Nanjai Edayar in the Namakkal District of Tamilnadu, changed the history not only of his native place and district but also the whole region. His inner voice urged him to do more for the progress of the people of this area. He believed that it could be achieved only through education and education alone. Hence Sri Kandaswami Kandar established a trust donating all his properties and income for charity. The educational requirements of the economically poor and downtrodden people of this region have been abundantly fulfilled by the Trust in course of time.

In the best traditions of the Founder, It was decided to start a college in Velur. In the year 1962, Sri K.Kamaraj former Chief Minister of Tamilnadu blessed the endeavour and the University of Madras gave affiliation for the Pre-University course initially and later to degree courses in arts and science subjects.

In 1967 the college moved to its own premises and Sri. C.N.Annadurai, then Chief Minister of Tamilnadu declared it open. Now the Institution is perched in its own campus of 48 acres of fertile greenery with all facilities. The educational horizon has been broadened. In 1971 the postgraduate courses were started. The University of Madras approved our infrastructures and granted Research Programmes leading to the award of Ph.D. Degrees.

The College has obtained the recognition of the UGC under 2(f) category. It is a Non-autonomous, Government Aided, Co-educational College. Since its inception it was affiliated to the University of Madras. From 1998 onwards it is affiliated to Periyar University, Salem.

At present the college offers 16 UG and 14 PG programs. Ten out of thirteen are recognized as Research Departments offering M.Phil and Ph.D., Programmes. Value added courses Add on Courses, Extra Disciplinary Courses and skill Based Courses have been introduced.

The college is indeed proud of its alumni who have served the country in various capacities. They held key posts in renowned Universities and in various fields. Dr.M.Kalanithi one of our alumni served as the Vice Chancellor of Anna University: Dr. M.Thangaraj, was the Vice Chancellor of Periyar University, Salem, Dr.P.Thangaraj was the Vice Chancellor of Veterinary University, Chennai and Dr. Murugesha Boopathi was the Vice Chancellor of Tamilnadu Agricultural University, Coimbatore, Dr.K. Balachandran is the Head Department of Mathematics Bharathiyar University, Coimbatore, Dr.S.Thangavelu, is a scientist in Indian Institute of Science, Bangalore, Mr.P.Kannappan, was an I.G of Police, Tamilnadu, Dr.Jambulingam Natesan was a Scientist, NASA, USA. Honourable Justice P.Rajamanikkam and Justice R.Pongiappan were judges in Madras High court.



CONCEPT NOTE

Chemistry is the central science and is required for practically all scientific research. It is concerned with the understanding and practice of changing one substance into another. Chemists enjoy discovering both naturally occurring and manmade chemical substances with the goal of improving human life. The subject's transdisciplinary nature makes it more fascinating and demanding for researchers all over the world. To keep up with the latest trends and breakthroughs in the field, practical, theoretical, and application-based teaching-learning techniques are required.

Due to the introduction of different state-of-the-art facilities, instrumentation and new software, chemical sciences and technology have progressed tremendously in this century. This course will touch on a few of the thrust areas. There is a rising need to provide chemistry faculty members from various colleges/universities/academic institutions with updated information and knowledge in order to develop creative ideas, enhance skills and to provide excellent education.

THEMATICS

- **Drug Development**
- **Theoretical/Computational Chemistry**
- **Materials Chemistry**
- **Synthetic Chemistry**
- **Biocatalysis**
- **Green Chemistry**
- **Biochemical Chemistry**
- **Nanotechnology**
- **X-ray Crystallography**

REGISTRATION AND PAYMENT PROCESS

ELIGIBILITY

Faculty members (regular/adhoc/temporary) and research scholars from Chemistry and allied disciplines are eligible to apply for this programme.

All those who meet the eligibility criterion are required to register and pay a Non-Refundable fee of INR 1450/- by visiting

rcmoocs.in

REGISTRATION DEADLINE: 15 December 2023

After successful registration & payment, the participants will receive a confirmation via email. Please keep checking the spam folder of the email as the bulk email sent may end up in the spam folder.

An official group has been made for communication with the participants on "Telegram." You are therefore requested to install the Telegram App either from the Play Store or App Store. The link to join the official group will be provided in the confirmation mail.

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IMPORTANT

- Registration is mandatory for participation.
- Attempting and submitting all the quizzes and assignments are mandatory, and each participant should score a **minimum of 50% in total** to avail of the programme completion certificate.

- ♦ Graded certificates on the basis of performance will be awarded to the participants.
- ♦ As part of the Ministry of Education's requirement under the PMMMNMTT scheme, all participants need to submit online feedback for each session.
- ♦ **No Objection Certificate (NOC) or Leave is NOT REQUIRED to participate in the Programme. However, participants are expected to inform their authorities about their participation.**
- ♦ Failing to meet any of the above conditions will result in the denial of completion certificate.

For further information, write to us at:

chemistry@ramanujan.du.ac.in

or contact us through WhatsApp:

+91 - 7011863335

+91 - 7011527088

ORGANISING BOARD OF THE PROGRAMME

DIRECTOR

Teaching Learning Centre, Ramanujan College

Prof. S.P. Aggarwal
Principal

PRINCIPAL

Dr. M. Lekeshmanaswamy
Kongunadu Arts and Science
College (Autonomous)

Dr. P. Loganathan
Kandaswami Kandar's
College, Velur

PROGRAMME COORDINATOR

Dr. K. Saminathan
Kongunadu Arts and Science College, Coimbatore

ORGANISING TEAM

Dr. S. Vedhanayaki
Kandaswami Kandar's College, Velur

Dr. M. S. Sivaramkumar
Kongunadu Arts and Science College, Coimbatore

ORGANISING TEAM (Ramanujan College)

Dr. Nikhil Kumar Rajput
Mr. Vipin Rathi
Dr. Ashish Kumar Shukla
Dr. Sachin Tomer
Ms. Shipra Yadav