



Teaching Learning Centre

Ramanujan College

(Accredited Grade 'A++' by NAAC)

University of Delhi

in collaboration with

Government Arts College (Autonomous) Karur, Tamil Nadu

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

BOTANY

18 February - 04 March 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

GOVERNMENT ARTS COLLEGE (AUTONOMOUS), KARUR

Government Arts College (Autonomous), Karur, Tamil Nadu, India is an institution formed under the article 30(1) of constitution of India, recognized under section 2(f)& 12B of the UGC Act,1956. In the beginning it was started as a men's college with Pre-University Courses under the affiliation of Madras University. In the forthcoming academic years some Under Graduate Programmes as History, Physics, Mathematics, Chemistry and Geography were started both in Tamil and English mediums. The establishment of this college satisfied a long-felt need of the Karur public, namely, the need of standard higher education. The college achieved its most significant contribution in the development of society and the nation by offering higher education to women also in the academic year 1972-1973 as the college was converted from men's college into a co-educational institution. The college which was originally affiliated to Madras University came under the jurisdiction of Bharathidasan University, Trichy, since 1982. Thus, now the college provides 17 UG programmes in Shift I, 2 UG programmes in Shift II, 12 PG programmes, 11 M.Phil. programmes and 12 Ph.D. programmes in part time and full-time basis.



CONCEPT NOTE

The educational system in India and globally is witnessing a change in its landscape and scope. The faculty are consistently in need of improving their knowledge in the related areas of science and technology. It is essential to understand the strategic significance and values of the inter-disciplinary and multidisciplinary research to accomplish optimum scientific outcomes. This online Refresher course in Botany is being organized which will bolster teacher's capabilities to enhance the teaching learning methodologies. This capacity building program will also support and enhance the blended models of education. This course aims to bring together the subject expert(s) from multidisciplinary fields ranging from basic sciences to applied sciences including clinical research in order to open-mindedly share recent advancements in dynamic and ever-expanding fields of science, with a special emphasize on the cutting-edge approaches in botany and its allied disciplines.

THEMATICS

- Sustainable research on human beneficiaries
- Ramifications of agriculture on water and its quality factors
- Current scenario of plant growth regulators
- Molecular farming via artificial or vertical or designer plants
- Nanoscience
- To learn the adequate knowledge about bioinformatics tools and its applications
- An overlook into marine plants
- Learn the prospectus and process of entrepreneur technique-mushroom cultivation
- Conservation of therapeutic plants
- Recent advancement in crop improvement in genetic engineering
- Environment refinery through nanotechnology

REGISTRATION AND PAYMENT PROCESS

ELIGIBILITY

Faculty members (regular/adhoc/temporary) from Botany, Zoology, Earth Science, Environmental science and allied disciplines are eligible to apply.

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: 17 February 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:

botany@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

Government Arts College (Autonomous)

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PROGRAMME COORDINATOR

Dr. G. Jahirhussain,

Assistant Professor of Botany & Head Of The Department of
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ORGANISING MEMBERS

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HOD of Botany, H.H. The Rajah's College (Autonomous)
Pudukkottai

ORGANISING TEAM (RAMANUJAN COLLEGE)

Dr. Nikhil Kumar Rajput

Mr. Vipin Rathi

Dr. Ashish Kumar Shukla

Dr. Sachin Tomer

Ms. Shipra Yadav