



TEACHING LEARNING CENTRE

Ramanujan College

(Accredited Grade 'A' by NAAC)

University of Delhi

in collaboration with

GARGI COLLEGE

University of Delhi

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

ZOOLOGY

25 April - 09 May 2022

**CALL FOR REGISTRATION
AND PARTICIPATION**



RAMANUJAN COLLEGE

Ramanujan College is a constituent College of the University of Delhi (DU). It is inspired by the life and work of Srinivasa Aiyangar Ramanujan, one of the world's greatest mathematicians. The College has been accredited Grade "A" by the National Assessment and Accreditation Council (NAAC) in its First Cycle. It is located in the well-known area of Kalkaji, near Nehru Place, in South Delhi.

The College was established in 1958 as an evening college for boys with just five programmes. Since 2010, Ramanujan College has been expanding and now with the latest addition of B.Sc. Environmental Sciences (Hons) in 2020, it at present offers sixteen undergraduate programmes in different disciplines. This achievement, in alignment to the recommendations of the National Education Policy (NEP) 2020, makes the College a centre for interdisciplinary studies and research with a future focus on blended learning. It has gradually grown into a self-sufficient and self-reliant institution owing to its academic vigour and intellectual capital.

Ramanujan College was awarded the Deen Dayal Upadhyay - Knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood (DDU KAUSHAL) Kendra in 2016 by the UGC, under which two vocational courses were started in Banking Operations and Software Development.

The College has 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 Ministry of Education (MoE). This Course was uploaded on MoE's Massive Open Online Course (MOOC) platform SWAYAM and many participants registered for it.

Ramanujan College offers various short-term diploma, certificate, and executive development programmes on contemporary and skill-oriented themes. These are conceived and designed by faculty members in consultation with external experts.

The courses get exceptional response from the students and are conducted throughout the academic session. They are open to alumni and students of all the colleges. Some of these courses support the curriculum, some prepare the students for higher studies and also accelerate the professional growth.

The College is 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. As an initiative towards students and teachers exchange programmes, the College has 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.

The prestigious Teaching Learning Centre was awarded to Ramanujan College in 2017 by the Ministry of Education, under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) scheme.

In pursuit of its vision: "Discover, Empower, Transform: Building A Better World", Ramanujan College is today perceived as one of the best colleges in the country.



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 in-depth 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.

Enrichment Spectrum at the TLC, Ramanujan College

- Transforming teachers into knowledge-creators
- Emphasis on creating self-learning space for participants
- Interaction with eminent scholars and academicians
- Four Quadrant Approach (e-tutorial, e-content, Self-Assessment and Web Resources).
- Regular follow-up with the participants through Google Classroom/ Telegram/ Discussion Forum.
- Adaptation skills for the dynamic contemporary environment
- Augmentation of professional capabilities and research-based knowledge
- Inter and cross-disciplinary methodologies of study
- Co-creation and mutual contribution between participants and facilitators
- Formation of knowledge capital
- Online certificates using the Blockchain Technology to ensure authenticity and verifiability

GARGI COLLEGE

Gargi College, a highly sought-after women's college from the prestigious University of Delhi, was founded in 1967, and has maintained a stellar academic record ever since, educating over 4000 students every academic year.

The college takes its name from Gargi Vachaknavi, an ancient sage and enlightened philosopher of the 7th Century BCE. She was a very keen natural philosopher, renowned expounder of the Vedas and Upanishads. In literature she is being represented as Brahmavadini, a person with knowledge of Brahma Vidya, world's oldest Icon of feminism found in ancient Hinduism.

It must be said that Gargi College's strive for excellence in all fields has always been inspired by the sage it is named after. The institution aspires to give girls a high-quality education in Science, Commerce, Arts, Humanities and Education. The institution has cutting-edge facili-

-ties such as a large computerized library, ICT-enabled classrooms, a bioinformatics laboratory, an auditorium, and a seminar hall. Gargi's brilliant and motivated students and teachers have always played a critical role in establishing Gargi as a premier educational institution. The holistic approach towards teaching and its excellent record of performance in academic and extra-curricular aspects made Gargi college chosen to be awarded the prestigious College with a Potential for Excellence grant, by the University Grants Commission in 2004-2005. The Department of Biotechnology, Government of India, has designated Gargi College with the star status. In 2016, NAAC assessed Gargi College for the first time, and the college received an 'A' grade. As evidenced by the NIRF all India ranking 16, the college continues to dazzle across all fields of study. In the India Today Rankings Survey of 2021, the college received an all-India rating of 9 in arts, 14 in commerce, and 12 in sciences.



CONCEPT NOTE

The COVID-19 pandemic situation and beyond have brought significant disruptions across the country and restructured the way higher education is delivered. Establishment of the technological infrastructure and services in higher education system through information and communication technology between management, learners, and professors in higher education institutions need to be considered. The teaching community are evolving innovative approaches to equip themselves with the skills necessary for creating a holistic teaching learning environment where the symbiotic relationship between the teacher and the student blossoms which is beyond cognition and thought. It is still under debate whether to reopen the educational institutions or to continue the existing online platform.

The incorporation of information communication technology in education has already been on a high growth. This transition is forced to build emergency remote learning systems immediately.

It is imperative to recover from the pandemic by equipping with the latest change in trends to become better prepared for future crises. 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 interdisciplinary and multidisciplinary research to accomplish optimum scientific outcomes. The teachers in Higher Education increasingly are in the need for the completion of refresher course in Zoology to enhance their subject knowledge for their professional journey. In response to significant demand for Faculty development program, this online Refresher course in Zoology 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 biochemistry, cell biology, genetics, genomics, metabolic biology, physiology, immunology etc.

THEMATICS

- **Zoology**
- **Biotechnology**
- **Biochemistry**
- **Environmental Management**
- **Immunology**
- **Evolutionary Biology**
- **Environmental Engineering**
- **Molecular Biology**
- **Epidemiology and Public Health**
- **Human Genetics**
- **Chonobiology**
- **Neuroscience**

REGISTRATION PROCESS & PAYMENT DETAILS

ELIGIBILITY

Faculty members (regular/adhoc/temporary) from Chemistry, 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: 24 April 2022

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.

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.
- Failing to meet any of the above conditions will result in denial of a certificate of completion to the participants.
- **No Objection Certificate (NOC) or Leave is NOT REQUIRED to participate in the Programme**
- **The Refresher Course is beneficial for the Career Advancement Scheme (CAS)**

For further information, write to us at:

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or contact us through WhatsApp:

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ORGANISING BOARD OF THE REFRESHER COURSE

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