



**TEACHING LEARNING CENTRE  
RAMANUJAN COLLEGE**  
(Accredited Grade 'A' by NAAC)  
**UNIVERSITY OF DELHI**

in collaboration with

**CMS COLLEGE (AUTONOMOUS)  
KOTTAYAM, KERALA**

under the aegis of

**MINISTRY OF EDUCATION  
PANDIT MADAN MOHAN MALAVIYA NATIONAL  
MISSION ON TEACHERS AND TEACHING**

are organising an

**INTER-DISCIPLINARY  
TWO -WEEK ONLINE REFRESHER COURSE/  
FACULTY DEVELOPMENT PROGRAMME**

*Managing Online Classes & Co- creating*

**MOOCS 7.0**

**05 - 19 August 2021**

**CALL FOR REGISTRATION  
AND PARTICIPATION**

# TEACHING LEARNING CENTRE, RAMANUJAN COLLEGE

Teaching Learning Centre (TLC) is mandated by the Ministry of Human Resource Development (MHRD) 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

## 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 (PMMMNMTT) 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.

## **CMS COLLEGE (AUTONOMOUS)**

CMS College Kottayam (Autonomous), established in the year 1817 by the Church Missionary Society of England, is one of the oldest institutions of higher education in India. It is affiliated to Mahatma Gandhi University, Kottayam, Kerala. With its 23 departments CMS College offers programs in almost all academic fields in arts sciences and commerce. The college endeavours to live up to its motto Thy Word is Truth which inspired the founding fathers of the college to enlighten the populace of this region two centuries ago. Achieving excellence through quality education is a mission of CMS College and the college aims to realise its vision of imparting value-based liberal education by promoting inclusive and holistic growth of the learner with thrust on real-time needs.

Facilitated with a community of highly qualified and dedicated teaching staff, and a wide range of club and cultural activities, the college has much to offer in terms of both academic and non-academic excellence. The UGC has accorded Special Heritage Status to CMS College in the year 2015, thereby providing the opportunity to preserve the Heritage Halls and other intellectual assets of the college. UGC has also approved the institution as a Mentor Institution under the Paramarsh scheme. The college has been re-accredited with "A" grade by the National Assessment and Accreditation Council (NAAC).



## CONCEPT NOTE

Massive Open Online Courses (MOOCs) have gained prominence in the last decade, and they have recently gained popularity with "Digital Initiative" of Government of India. But the concept and understanding about these courses is still not adequate. The present Refresher Course/Faculty Development Programme opens up a platform to discuss the intricacies of these courses.

Online courses serve as a bridge between the teachers and the learners and fill the gap for the off-site learners. It is a great initiative to provide blended learning for millions of students and teachers across the globe. MOOCs create the opportunity for sharing the ideas and knowledge and also helps improve lifelong learning skills by providing easy access to global resources. In other words, they have transformed the spaces of teaching and learning and associated pedagogical skills.

With this programme, the participants will be able to explore the usage of online courses for learning, teaching and professional development. They will be able to build their capability to plan, design and implement online courses that are in tune with international standards. This will facilitate them to manage their curriculum and also in extending effective support to the students in terms of improved learning and communication. In addition to this, MOOCs would also provide analytics to improve learning. MOOCs also help in improving cross cultural relationships which leads to collaboration between institution, educators and learners locally and internationally.

## THEMATICS

- Concepts for creating e-content and the underlying technology and proficiency
- Use of open source tools
- Hands-on training in Video creation software for recording and basic editing
- Advanced techniques for teaching pedagogy
- Online Course Instructional Design: Tools and Best Practices
- Awareness on Open Educational Resources (OER)
- Creating MOOCs based on the four-quadrant model proposed by the Ministry of Education
- Preparation of online assignments & quizzes
- Assessment tools and techniques
- Build a platform for transacting online course and managing it
- Introduction to the use of Artificial Intelligence in teaching

# EXPECTED LEARNING OUTCOMES

After successful completion of the online program, the participants will be able to:

- Create e-content for their discipline using open source software tools
- Integrate OERs in their e-resources
- Design MOOCs pertaining to the specifications of the four Quadrant Model as specified by the Ministry of Education with the facility to share resources and also provision for assessment
- Design the framework for effective implementation of these online courses

## REGISTRATION AND PAYMENT PROCESS

### ELIGIBILITY

Faculty members (regular/adhoc/temporary) in teaching profession 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: 04 August 2021

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 is mandatory, and each participant should score atleast 50% aggregate to be eligible for the 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**
- Failing to meet any of the above conditions will result in the denial of completion certificate.

**For further information, write to us at:**

**[rcmoocs7@ramanujan.du.ac.in](mailto:rcmoocs7@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, Ramanujan College

## **PATRON**

**Dr. Varghese C Joshua**

Principal, CMS College (Autonomous), Kottayam, Kerala

## **PROGRAMME CO-ORDINATOR**

**Dr. Gigi George**

Assistant Professor, Department of Chemistry,  
CMS College (Autonomous), Kottayam, Kerala

## **ORGANISING TEAM**

Dr. Nikhil Kumar Rajput

Mr. Vipin Rathi

Dr. Ashish Kumar Shukla

Dr. Sachin Tomer

Ms. Shipra Yadav

Ms. Nidhi Mathur