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

under the aegis of

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

is organising an

ONLINE ONE-WEEK
FACULTY DEVELOPMENT PROGRAMME

ADVANCED PEDAGOGICAL TECHNIQUES

28 February - 06 March 2022

CALL FOR REGISTRATION AND PARTICIPATION

E-LEARNING

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.

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

CONCEPT NOTE

Pedagogy refers to the theory and practice of learning. It inculcates the knowledge and skills required for effective teaching. In the present times, the teacher bears the responsibility of being a provider of resources and one who can ignite young minds. Pedagogy has to be altered constantly to adapt with the contemporary requirements. Effective teaching strategies need to be devised and implemented that take care of multiple learning styles to benefit the student fraternity. The minds of the students have to be shaped to capacitate them to develop a problem solving approach and to bring out innovations to address the societal issues. The teachers hence need to be well equipped with skills and knowledge required for guiding and monitoring their progress. Also technology has proved to be an immensely supportive tool in the hands of the teacher that can assist in enhanced teaching learning, increasing

student participation and providing an engaging student experience. The teaching learning framework hence needs to be student centric. This Online Faculty Development Programme is diligently planned around developing the foundational knowledge needed to train the teachers to address the rapidly changing educational needs.

The programme is an effort towards empowering teachers with innovative, advanced pedagogy for their own professional development and student's enhanced learning. During the course of the programme, the participants will be acquainted with teaching strategies that can promote independent, critical and creative thinking among the students. The participants will be familiarized with advanced pedagogical techniques namely Flipped classroom, Project based learning, Peer and Collaborative learning. These techniques will combine creativity and Design Thinking with special impetus on Innovation. The framework of Bloom's taxonomy consisting of six major categories of knowledge, comprehension, application, analysis, synthesis and evaluation would be explored as an effective approach towards Outcome based Education.

The programme also emphasizes on implementation of outcome based education in curriculum development. The programme will further elaborate on different assessment methods and application of Bloom's taxonomy framework to create quality question papers that would involve high order thinking skills (HOTS) and methods to assess students' learning.

The programme would be incomplete without focusing on the use of technological tools that can transform the way content is delivered and also arouse the students' interest. The effective mechanisms of counseling and mentoring will also be explored that can prove immensely fruitful in guiding students.

THEMATICS

- **Exploring contemporary and innovative pedagogical practices**
- **Advanced learning methods like peer learning, flipped classroom, blended learning and Think-Pair-Share strategies**
- **Bloom's taxonomy for effective teaching**
- **Curriculum Design**
- **Problem based learning to engage students in deep problem solving**
- **Critical Thinking**
- **Outcome based Education**
- **Assessment Methods**
- **Designing quality question papers and effective Rubrics**
- **Digital Pedagogy: Incorporating ICT with teaching**
- **Mentoring, Guidance and Counseling**
- **Establishing teacher-student congruence**

EXPECTED LEARNING OUTCOMES

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

- Equip themselves with the usage of advanced pedagogical techniques in their classroom
- Gain better understanding of the Bloom's taxonomy framework for enhancing critical thinking among students and to promote outcome based education
- Utilize important technological tools to enhance the teaching learning process

- Design and implement evaluation schemes that can properly assess the student's learning
- Better guide and motivate students
- Effectively improve the teaching learning process to make it student centric

REGISTRATION AND PAYMENT PROCESS

ELIGIBILTY

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 950/- by visiting**

rcmoocs.in

REGISTRATION DEADLINE: 27 February 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**

For further information, write to us at:
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ORGANISING BOARD OF THE PROGRAMME

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