

TEACHING LEARNING CENTRE RAMANUJAN COLLEGE

(Accredited Grade 'A' by NAAC)
UNIVERSITY OF DELHI



under the aegis of

MINISTRY OF EDUCATION

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON
TEACHERS AND TEACHING

is organising an

ONLINE INDUCTION TRAINING/ORIENTATION PROGRAMME FOR FACULTY IN UNIVERSITIES/ COLLEGES/INSTITUTIONS OF HIGHER EDUCATION (ADVANCED)

26 July - 24 August 2021

ADVANCED ICT TOOLS
ARTIFICIAL INTELLIGENCE
FOR TEACHING & LEARNING
DEEP WEB SEARCH

OUTCOME BASED
EDUCATION
CRITICAL THINKING

RESEARCH &
REPORT
WRITING

NIRF
AISHE

ACADEMIC
LEADERSHIP
ENVIRONMENTAL
INITIATIVES & SDGs

ACTIVE LEARNING
& LISTENING
INCLUSIVE
CLASSROOM

WORKPLACE
SAFETY
FINANCIAL
MANAGEMENT

CALL FOR
REGISTRATION &
PARTICIPATION

UNESCO
EDUCATIONAL
INITIATIVES
NATIONAL EDUCATION
POLICY 2020

TEACHING LEARNING CENTRE, RAMANUJAN COLLEGE

Teaching Learning Centre 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

CONCEPT NOTE

In the contemporary world of modern education and knowledge, a teacher is not only a source of knowledge-creation but also the instrument required to sharpen the intellect of students. The education system has been reconstructing its focal variables, namely teaching, learning, institution, and knowledge. Teaching and learning have shifted to create a phenomenological space, where the symbiotic relationship between the teacher and the student blossoms at a level that goes beyond mere cognition and thought. This amounts to redefine the time and space of education, respectively, from time spent in covering the syllabus and physical infrastructure to create an environment. This means expanding and broadening the cognitive faculty of students and empowering them to conceptualise phenomena for applications for the greater good of society. For this,

the traditional set-up of a classroom needs to be deconstructed and redesigned to help students adjust to the present-day requirements of multi-dimensionality. This becomes more pertinent in the wake of the recent National Education Policy 2020 and the draft proposal by the University Grants Commission on Blended Learning.

The teachers in Higher Education needs to look beyond the basic orientation of faculty members. There is a need of broad-based but focused programme that would prepare the teachers with pedagogical skills and techniques, research methodologies, methods of curriculum development, with the latest in information technology both for the gathering of knowledge as well as its dispensation and acquaint them with the processes of institutional administration and self- development. It is also imperative to prepare teachers for an attitudinal orientation that will help them grow into an innovative academic, a scholar in their own right, and a socially committed mentor. It is with all these factors in mind, the Teaching Learning Centre Ramanujan College is organising the advanced level of the Online Induction Training/Orientation Programme for Faculty in Universities/ Colleges/Institutions of Higher Education.

The training module for this Induction Programme also emphasizes the personal development of the teachers in terms of interpersonal skills, career development, and life planning issues. It will provide the teachers with the instructional tools for curriculum design and assessment, accessing technology. There is a detailed discussion on the organizational skills required for the teachers to initiate and improve the institutional environment. The large part of the programme is centred on empowering the teachers to perform multiple roles of teaching, research, and service in a more effective and meaningful manner. The Induction Programme will involve expert guidance of eminent academics, practitioners and specialists with hands-on training modules, exercises in blended classroom teaching, interactive sessions, collaborative learning, assessment of learning outcomes, and applications of Artificial Intelligence tools.

Note: As per the latest UGC regulation ([UGC Regulation Page 99](#)), training programmes conducted in PMMMNMTT Centres have been recognised. Induction Training Programme is now a mandatory training programme for newly inducted college/university teachers. This programme is equivalent to one-month orientation programme. It fulfils requirement as per CAS of UGC and AICTE for promotional purposes. Upon successful completion, participants will be awarded graded certificates.

MODULES/TOPICS

Module 1	Roles and Responsibilities of a Faculty / Academics in Higher Education
Module 2	University Structure and Functioning
Module 3	Curriculum Design and Content Development
Module 4	Pedagogic Techniques & Teaching and Learning Methods
Module 5	Assessment and Evaluation
Module 6	Research in Higher Education
Module 7	Personal-Emotional Development and Counselling
Module 8	ICT: Effective Use of Technology for Teaching, Learning and Evaluation
Module 9	E-Content Development & MOOCs
Module 10	University Governance and Administration
Module 11	Academic Leadership
Module 12	Strategic Planning and Management

EXPECTED LEARNING OUTCOMES

The enlisted modules will train the participants into a range of academic aspects, broadly related to advanced ICT applications, Pedagogical Development, Research, Institutional Values and Self - Development skills and methods.

PEDAGOGIC AND RESEARCH DEVELOPMENT

- Active Learning and Active Listening
- Writing Research Proposals
- Report Writing
- Outcome Based Education
- Patent Filing and Copyright
- Deep Web Searching
- Student Diversity Management/ Inclusive Classroom
- Critical Thinking/ Lateral Thinking
- Advanced ICT Tools for Education
- Artificial Intelligence for teaching and learning

SELF - DEVELOPMENT AND INSTITUTIONAL VALUES

- Workplace Safety and Inclusive Workplace Environment
- Environmental Awareness: Sustainable Development Goals
- Financial Management
- National Institute Ranking Framework (NIRF)
- All India Survey on Higher Education
- Educational Initiatives by UNESCO
- Academic Leadership
- National Education Policy, 2020

PROGRAMME HIGHLIGHTS

- Self - paced and peer learning
- Follows Ministry of Education's Four Quadrant Approach
- Beneficial for CAS purpose

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 (PMMMMNMTT) 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.

REGISTRATION PROCESS & PAYMENT DETAILS

ELIGIBILITY

Faculty members (regular/adhoc/temporary) in teaching profession are eligible to apply for this INDUCTION PROGRAMME

DESIRABLE

1. Those who have attended any faculty induction programme previously from Teaching Learning Centre, Ramanujan College or any other centre recognized by the Ministry of Education under the Pandit Madan Mohan Malviya National mission on teachers and teaching scheme (PMMMMNMTT) or UGC - HRDC.

<<or>>

2. Faculty members in the teaching profession having a minimum of 4 years of experience.

All those who meet the eligibility criterion are required to register and pay a **Non-Refundable fee of INR 1950/- by visiting rcmoocs.in**

REGISTRATION DEADLINE: 25 July 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 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 PMMMMNMTT 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 more information, write to us at:

advfip1@ramanujan.du.ac.in

ORGANISING BOARD OF THE FACULTY INDUCTION/ORIENTATION PROGRAMME

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