



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 INDUCTION TRAINING/ORIENTATION PROGRAMME FOR FACULTY IN UNIVERSITIES/ COLLEGES/INSTITUTIONS OF HIGHER EDUCATION

19 November - 18 December 2021



CONCEPT NOTE

The COVID-19 pandemic has dramatically changed education, with the distinctive need for e-learning and continuance of teaching-learning over remote and digital platforms. The incorporation of information communication technology in education has already been on a high growth even before the pandemic. However, the sudden closure of educational institutions in many parts of the world has brought a certain urgency to adopt online teaching-learning strategies, which are likely to continue even post-COVID-19. Hence, the teaching community needs to evolve, more than ever, an innovative approach to equip themselves with the skills necessary for creating a holistic learning environment in this unprecedented context.

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. Education has changed over time to meet the progressive world. 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. It transcends to explore the meaning of life, invoking the true inner calling and creating an environment for creative expression and experimentation. Likewise, terms like institution and knowledge now seek to establish systems of learning beyond the four walls of buildings, encompassing more than physical infrastructure, and information gathering and processing. Systems that ignite the drive to address the problems of the society create collaborative learning, attitude to acquire futuristic skills and an orientation to become self-reliant. Essentially, 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. In this context, space means the combined mental landscape of the teacher and the taught, which is governed by the canons of inquisitiveness, enquiry, critical thinking, and non-conventional problem-solving.

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, that is, not only being prompt to the socio-political and economic shifts but to pursue ones' inner calling. The exchange and interaction of ideas, thoughts, and concepts should stem from critical thinking. Innovative approaches, both for teaching and evaluation, should be adopted in addition to imparting immense value to the skill development and understanding of the ever-changing dynamics between the local and the global. However, this need of the hour to create skilled and professionally competent human resources can only be accomplished through equipping a teacher with the role that will enable students to develop their critical and analytical skills. These skills will further empower them to question and know.

The teachers in Higher Education have increasingly felt the need for a formal training course at the beginning of their careers to prepare themselves for their professional journey. Looking beyond basic orientation, the need is of a 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. On the behavioural plane, it is also imperative to prepare young 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 that the Ministry of Education, Government of India, launched the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) programme through its Teaching Learning Centres, with a particular emphasis on Education 4.0. It emphasizes the need to prepare students to face challenges fearlessly. It has been designed to change the role of a teacher from mere imparter to the one who has developed critical and analytical skills, information generation capabilities, ability to know and reason, empowering through open sources, global oriented digitalization, and self-learning in students. New dawn, Education 4.0 not only focuses on 'what is taught' but also gives equal importance to 'the way it is taught' — it is an education model which is aligned with future trends, in the effort to develop and enhance individual education that will eventually define how the future generations will work and live.

In the present circumstances, the teaching fraternity is missing out on the lively and interactive programmes. Hence, the Ministry of Education and the University Grants Commission (UGC) have intensified efforts towards a strong virtual engagement to facilitate dissemination of knowledge and adopt technology-enabled teaching practices. To contribute in this endeavour, the fourteenth Induction Training Programme, 2021, is yet another step by the TLC, Ramanujan College, to prepare and enable teachers to deliver excellent teaching practices, in online as well as blended mode, as envisaged in the National Education Policy 2020. The Centre which has been set up with the aim of "Reaching the Unreached" in terms of geographical and regional diversity, has trained more than one lakh teachers through its various Faculty Enrichment Programmes.

The present Induction Programme also intends to empower and motivate the teachers for enlivening the learning process by adopting novel pedagogic approaches to teaching-learning which are collaborative and participant-centered, to integrate learning and teaching with Information Communication Technology (ICT), and to equip the teachers with the latest assessment tools in higher education. It further focuses on teaching and research methodologies, curriculum structure, and design, gender and social diversity, professional ethics, sharing of best practices, and also the updating of developments in specific disciplines in which the teachers are engaged. 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 Programme will be conducted online in a self-paced manner through the Learning Management System (LMS), designed by the Research Development and Services Cell of the college. It is predominantly participant-friendly and incorporates the four-quadrant approach prescribed by the Ministry of Education. The sessions are also uploaded for larger audiences on the [**official YouTube Channel of the College**](#).

The Induction Programme also involves expert guidance of eminent academics and specialists, hands-on training modules, exercises in direct classroom teaching, questionnaire-based responses, interactive sessions, collaborative learning, assessment of learning outcomes, project work, and field visits.

Enrichment Spectrum at the Teaching Learning Centre (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

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

The topics for the Faculty Induction Programme has been developed using the content outline prescribed by the Ministry of Education's Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMMNMTT) programme.

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

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.

REGISTRATION PROCESS & PAYMENT DETAILS

ELIGIBILITY

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

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: 18 November 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. Participants should score a **minimum of 50% in total** to avail the programme completion certificate.
- Graded certificates will be awarded on the basis of performance.
- 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 more information, write to us at:

rcfip16@ramanujan.du.ac.in

or contact us through WhatsApp:

+91 - 7011863335

+91 7011527088

ORGANISING BOARD OF THE FACULTY INDUCTION/ORIENTATION PROGRAMME

DIRECTOR (Teaching Learning Centre, Ramanujan College)

Prof. S.P. Aggarwal

Principal, Ramanujan College, University of Delhi

PROGRAMME DIRECTOR

Dr. Nikhil Kumar Rajput

Assistant Professor, Ramanujan College, University of Delhi

CONVENORS

Mr. Vipin Kumar Rathi

Assistant Professor, Ramanujan College, University of Delhi

Dr. Ashish Kumar Shukla

Assistant Professor, Ramanujan College, University of Delhi

ORGANISING TEAM

Dr. Sachin Tomer

Assistant Professor, Ramanujan College, University of Delhi

Ms. Shipra Yadav

Assistant Professor, Ramanujan College, University of Delhi