



# **TEACHING LEARNING CENTRE RAMANUJAN COLLEGE**

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

in collaboration with

**DEPARTMENT OF EDUCATION  
ASHUTOSH MUKHOPADHYAY SCHOOL OF EDUCATIONAL SCIENCES  
(A PMMMNMTT CENTRE)  
ASSAM UNIVERSITY, SILCHAR**

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**

**ICT-ENABLED TEACHING AND  
LEARNING FOR SCHOOL TEACHERS**

**24 - 30 NOVEMBER 2021**



**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** (video), **e-content** (text materials), **Self-Assessment** (quizzes and assignments) and **Web Resources** (reference material for further understanding).
- Regular follow-up with the participants through 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

## DEPARTMENT OF EDUCATION

Department of Education, Ashutosh Mukhopadhyay School of Educational Sciences, Assam University, Silchar, was established in the year 1995. It is named after one of the most emphatic figures of Indian Education system. The department since its inception has been interdisciplinary in its endeavor. As an academic field of study, the Department of Education is primarily engaged in the pursuit of analyzing and exploring the diverse teaching methodologies required for different layers of education (primary, secondary, and higher). As a branch of study, it is also concerned with developing pedagogical knowledge, providing input for educational policy, imparting training program for the stakeholders in the field.



Two-year M.A. program equips the learner with content knowledge and prepares them for the job market. It also has an open choice paper entitled 'HUMAN RIGHTS AND PEACE EDUCATION' which aims to create awareness about educational rights. M.Ed. on the other hand is more a field-oriented course which is intrinsically concerned with developing teaching professionals, educational planners, counselors and educational entrepreneurs.

One of the major highlights of this course is to bring out educational administrators and content experts. One of the salient features of the department is its four-year integrated B.Sc. B.Ed. program offering honors in Chemistry, Physics, Zoology, and Botany with emphasis on pedagogical indoctrination. This is a state-of-the-art course aimed at equipping the youths with skills and competencies of teaching at secondary level. Besides these programs, the department is also credited with a center for educational planning and management which offers Diploma in educational Planning and management and conducts in-service training program and workshops in collaboration with national level organizations.

In a nutshell, the Department of Education of Assam University is committed to bring out desired changes in the teaching-learning process throughout the region through its research input, innovative pedagogy and student outreach program. With the flagship programme of the Ministry of Education PMMMNMTT. **Under PMMMNMTT, Training programmes are being offered to Primary and Secondary Teachers, Educational Administrators and different other stakeholders. Through the Centre for Educational Planning and Management diverse training programmes have been conducted so far.**

These courses aim at sensitizing the newly inducted learners and teachers about the very idea of being an academic apart from equipping them with an understanding of their roles and responsibilities in an educational institution. It orients them about the



idea of being a teacher/academic and the integral aspects of the teaching-learning process, innovative methods and methodologies, pedagogical concerns, evaluation-assessment methods, techniques, and ICT enabled methods of learning/ dissemination apart from inculcating research acumen amongst participants.

A common theme running throughout the courses have been understanding the nuances of Indian Education System in the wake of newly introduced NEP, its implications, challenges, and way ahead. One of the other core facets is to make them well versed with the rule and regulations about the basics of governance and administration at different levels of Education. From critical teaching issues to classroom spaces, students' to that of one's own professional growth and development, from pedagogical engagement to structural challenges, from institutional vision to educational policies to national development, the program envisions to train the newly inducted learners and teachers with an holistic development approach at its center.

## **CENTRE FOR EDUCATIONAL PLANNING & MANAGEMENT A.M. SCHOOL OF EDUCATIONAL SCIENCES**

The Department of Education started with a Master's degree programme in Education in July 1995. In addition, the department offers M.Phil. and Ph.D. programmes from the year 1998. The department began offering M.Ed. in 2007 and a four-year integrated B.Sc.B.Ed. programme in 2012. The department added another feather to its crown by introducing the Centre for Educational Planning and Management in July 2011 to satisfy the requirements of the modern age by offering Master's degree course in Educational Planning and Management (MEPM) and Post Graduate Diploma in Educational Planning and Management (PGDEPM).

The Centre for Educational Planning and Management offers one-year Diploma course (2 semesters) that can be continued for another



for another year to earn a Postgraduate degree (4 semesters) with a capacity of 25 students. Also, the Centre for Educational Planning and Management offers training for students, in-service teachers, pre-service teachers, principals, social workers, educational administrators, and other personnel working in schools, colleges, and universities, including deemed universities, particularly in the North Eastern Region. The Centre for Educational Planning and Management also intends to equip the learners to traverse the predicament through their reflective and critical approach.

The Centre has organised one 21-day training programme and 03 National Webinars so far.

The Centre for Educational Planning and Management is one of the significant wings of the Department of Education. As the sector of Education is witnessing drastic changes due to changing social and technological revolution, it is utmost important to prepare the human resources to run the system diligently. India's Education system is going through a paradigmatic shift with the culmination of virtual learning along with face-to-face mode of learning. The NEP 2020 has also envisioned the paramount importance of Teaching, Pedagogy and its amalgamation with the contents of diverse disciplines. It also resonates the need for preparing Educational Leaders for designing and reconstructing the field of Education to mitigate the vacuum between academic degrees and the requirements of the job market. Therefore, the Centre for Educational Planning and Management reinvigorates its pledge to prepare future visionaries and Instructional Designers who can globally establish themselves through their pedagogical acumen. It adheres to orient the stakeholders in Education about the idea of being a teacher / academic and the integral aspects of the teaching-learning process, innovative methods and methodologies, pedagogical concerns, evaluation-assessment methods, techniques, and ICT enabled methods of learning / dissemination apart from inculcating a research insight amongst the learners.



## CONCEPT NOTE

The technological developments in the education sector along with the current situation of the pandemic has overhauled the conventional offline mode of teaching with ICT based methods. There is a shifting need for the teaching community to adapt ICT integrated skills and techniques for more effective knowledge creation and dissemination. In light of the recent changes in the education policy, ICT enabled classrooms have re-gained prominence especially, for their affordable and flexible ways to enhance career development and learn new skills. Though these tools are not a new phenomenon, their recent application and engagement in the academic community has expanded the nature and extent of education.

ICT create the opportunity for sharing the ideas and knowledge and also helps improve lifelong learning skills by providing easy access to global resources. With this programme, the participants will be able to explore the usage of online courses for learning, teaching and professional development and also build their capability to plan, design and implement online courses that are in tune with international standards. This will help 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, the programme would also provide analytics to improve learning. Overall, the FDP aims to facilitate inter-disciplinary engagements, which can lead to collaboration between institutions, educators and learners locally and internationally.



## **THEMATICS**

- **Development of deeper understanding of the dynamics of e-content creation and the underlying technology and proficiency**
- **Use of open source tools for creation of e-content including generic video creation software for recording and minor editing, screen capturing**
- **Assistance in Online Course Instructional Design & Best Practices**
- **Awareness on Open Educational Resources (OER) and MOOCs**
- **Design and develop a MOOC based on the four-quadrant model**
- **Preparation of online assignments & quizzes**
- **Grading and evaluation**

## **EXPECTED LEARNING OUTCOMES**

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

- Understand the conceptual and technical aspects of e-content
- Develop their own online course
- Develop ICT capability and ICT literacy in students
- Communicate effectively with ongoing technological developments and different stakeholders



## REGISTRATION AND PAYMENT PROCESS

### ELIGIBILITY

Teachers of all grades and subject specializations 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 500/- by visiting**

**[rcmoocs.in](http://rcmoocs.in)**

### REGISTRATION DEADLINE: 23 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, 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.



- All the participants are required 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:**

**[ict@ramanujan.du.ac.in](mailto:ict@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

## CONVENORS

**Prof. Ajay Kumar Singh**

Assam University, Silchar, Assam

**Dr. Nikhil Kumar Rajput**

Ramanujan College

## PROGRAMME CO-ORDINATORS

**Dr. Sreeparna Bhattacharjee**

Assam University, Silchar, Assam

**Dr. Remith George Carri**

Assam University, Silchar, Assam

**Mr. Vipin Kumar Rathi**

Ramanujan College

## ORGANISING TEAM

**Ms. Aditi Dey**

Assam University, Silchar, Assam

**Dr. Ashish Kumar Shukla**

Ramanujan College

**Ms. Shipra Yadav**

Ramanujan College

**Dr. Sachin Tomer**

Ramanujan College