



सत्यमेव जयते

MINISTRY OF EDUCATION  
GOVERNMENT OF INDIA



**MINISTRY OF EDUCATION  
GOVERNMENT OF INDIA  
PANDIT MADAN MOHAN MALAVIYA  
NATIONAL MISSION FOR TEACHERS AND TEACHING  
(PMMMNMTT)**

**TEACHING LEARNING CENTRE (TLC)**

Ramanujan College, University of Delhi

*In Collaboration With*

**BHASKARACHARYA COLLEGE OF APPLIED SCIENCES**

UNIVERSITY OF DELHI

**&**

**CATHOLICATE COLLEGE**

POSTGRADUATE & RESEARCH DEPARTMENT OF BOTANY  
PATHANAMTHITTA, KERALA

Is organizing

**ONE WEEK INTER- DISCIPLINARY**

FACULTY DEVELOPMENT PROGRAMME  
IN

**YOUTH & CLIMATE CHANGE**

27<sup>th</sup> October – 3<sup>rd</sup> November 2021

CALL FOR REGISTRATION AND PARTICIPATION



## ABOUT 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 estab-

lished 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 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. TEACHING LEARNING CENTRE, 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/on-line 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



## **BHASKARACHARYA COLLEGE OF APPLIED SCIENCES**

Bhaskaracharya College of Applied Sciences, a constituent college of University of Delhi & 100% funded by Government of National Territory of Delhi, is named after a great mathematician of 12th Century. The college was established in October, 1995.

The College is accredited with grade "A" by the National Assessment and Accreditation Council (NAAC). Recently, The college has secured 32nd NIRF rank among college category. Department of Biotechnology, Govt. of India. has also accorded Star College Status to the college.

The college offers 11 honours undergraduate courses in Science and Applied Sciences stream. The college is also learning centre for IGNOU and runs CPLT, B.Sc., BSCG, PGDAC, PGCCC and PGDESD programs. It also caters to students enrolled in School of Open Learning, University of Delhi. The college also runs short term courses.

The dynamic and dedicated faculty of the College is not only involved in teaching but also contribute in research immensely. The college has also collaborated with renowned institutions such as Indian Institute of Technology Delhi, National Institute of Immunology, Delhi etc. to further expand the domain of research.



## **CATHOLICATE COLLEGE**

### **POSTGRADUATE & RESEARCH DEPARTMENT OF BOTANY**



Catholicate College, Pathanamthitta, Kerala founded in 1952 on the serene Basil Hills has a rich legacy of seven decades and is affiliated to Mahatma Gandhi University, Kottayam, Kerala, India. The motto of this temple of learning is "Fear of the Lord is the beginning of wisdom." It imparts value-based education aimed at the holistic and intuitive growth of the individual so as to fulfill the vision of creating an educated

and enlightened society for a brave new world. It has been re-accredited by NAAC with CGPA 3.60, A Grade and is one of the thirteen special grade colleges in Kerala. The college has eight research departments and offers fifteen PG Programmes, thirteen UG Programmes and one Integrated MA Programme in the aided stream. The college was identified by the Department of Science and Technology, Government of India, for FIST funding. Current year, the college is celebrating its platinum jubilee.

One of the oldest department in the college, the Postgraduate & Research Department of Botany endeavors to prepare students for their professional journey in the dynamic, diverse and ever-growing field of Botany. The Undergraduate programme in Botany was initiated in 1955; Post Graduate programme in 1966 and Ph.D in 1990. The department herbarium is designated as Catholicate College Herbarium (CATH Herbarium), which is registered in Herbarium Index of New York Botanical Garden. The Ginger House, germplasm conservatory for Zingiberales and a full-fledged Phy-



cotechnology laboratory for microalgae are the new initiatives of the department. The department has been recognized for the special assistance grant by DST-FIST. The department is involved in collaborations with several national and international research institutions. Faculties of the department have completed several major and minor projects sponsored by the UGC and KSCSTE . A major project sponsored by Department of Environment and Climate Change (DoECC), Kerala is currently running. Alumni of the department enjoy gratifying careers at various reputed institutions all over the world.

### CONCEPT NOTE

According to the UN Environment programme Emissions Gap Report, the world is heading for a temperature rise about 3 °C during this century. Communities along the seacoast are vulnerable to sea level rise, followed by heavy rain and flooding. As per the available data, climate change is increasingly recognized as a critical challenge to human health and sustainable development. In the backdrop of importance placed on creating awareness on climate change and adaptation strategies the course endeavours to provide with the comprehensive outlook on different aspects of youth and climate change. The course includes fundamentals of climate change, impacts of climate change, mitigation and adaptation to climate change. The current moment presents an opportunity for young people as ambassadors of climate action, to drive transformative changes on the ground and help strengthen the ability of governments to deal with impacts of climate change through increased discussion. Young generation as leaders of the transformative era, now have the chance to advocate for a resilient and greener economy that will lead to prosperity, new jobs and a healthier planet.

How do we in academia facilitate climate change responses? We can guide the youth of today to seek opportunities for climate change mitigation and adaptation through household action and organisational changes. As mentors and partners in their quest for a better world, we have to help them to work passionately for building communities that are sustainable, equitable and climate-resilient.

### Themes

- ◆ Introduction to Climate Change
- ◆ Impacts of Climate Change
- ◆ Climate & Weather
- ◆ Adaptation and Mitigation Strategies
- ◆ Climate Change Resilience

### RESOURCE PERSONS

We will have eminent Academicians, subject experts from Government organizations and reputed Universities/ Institutes and Research labs for the program to give a holistic perspective on the topics.



## ELIGIBILITY AND REGISTRATION DETAILS

- The Faculty Development Programme is open to Faculty members (Regular/Ad HoC/Temporary)/Research Scholars from any Indian University/ College
- All those who meet the eligibility criterion are required to register and pay a Non-Refundable fee of INR 950/- by visiting <https://rcmoocs.in/>
- Classes will be arranged on online mode/live session by Microsoft Teams
- Classes will be held every day from 2.00 pm onwards
- **REGISTRATION DEADLINE: 26<sup>th</sup> October 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 Information

- Registration is mandatory for participation
- Attempting and submitting all the quizzes and assignments is mandatory, and each participant should score at least 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
- Failing to meet any of the above conditions will result in the denial of completion certificate.

For the notification regarding recognition of the programmes conducted by TLC Ramanujan College for Career Enhancement Scheme (CAS) and the sanctity of the online courses for CAS, visit the [link](#)

## CERTIFICATES

Participants who meet the attendance criteria, submission of daily quizzes, a MCQ test in the end and completion of assignments within the stipulated timeline will be issued certificates.



**Registration Link**

For further information, write to us at:

[yccfdp2021@gmail.com](mailto:yccfdp2021@gmail.com)



# ORGANISING BOARD OF THE FACULTY DEVELOPMENT PROGRAMME

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