



TEACHING LEARNING CENTRE

RAMANUJAN COLLEGE

(Accredited Grade 'A' by NAAC)

UNIVERSITY OF DELHI

in collaboration with

DEPARTMENT OF COMPUTER SCIENCE & IT

BHADERWAH CAMPUS

UNIVERSITY OF JAMMU

JAMMU AND KASHMIR

under the aegis of

PANDIT MADAN MOHAN MALAVIYA NATIONAL

MISSION ON TEACHERS AND TEACHING

MINISTRY OF EDUCATION

are organising an

ONLINE ONE - WEEK

FACULTY DEVELOPMENT PROGRAMME

DATA ANALYTICS AND MODELLING

TOOLS FOR RESEARCH

16 - 22 January 2022

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, 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

BHADERWAH CAMPUS, UNIVERSITY OF JAMMU

University of Jammu, Jammu is a Premier educational Institution with Grade A+ by NAAC. The University offers around seventy postgraduate and undergraduate courses in different faculties. Our research programmes range across many disciplines, imparting Ph.D. in 37 and M.Phil. in 26 disciplines. The University of Jammu is an affiliating University; 126 colleges have been affiliated with it. Our main campus, apart from the teaching departments, also houses the Directorate of Distance Education which has an enrollment of about 2800 students at the undergraduate level and about 8400 students at the post graduate level. The University has seven functional campuses located at Bhaderwah, Kathua, Reasi, Ramnagar, Udhampur, Kishtwar and Poonch. These campuses offer various programmes to meet the demand and aspirations of the people living in these areas.

The Bhaderwah Campus aims at catering to the people living in the predominantly hilly areas of the erstwhile district of Doda suburb of the town. The academic programmes of the Campus started on 1st of Sep. 2006. The academic programmes offered in the Campus includes Masters of Computer Applications, Masters of Business Administration, Masters in English, Masters in Geography, and undergraduate courses BBA, B Com. Hons., & B. Ed.



ABOUT THE PROGRAMME

This Course Provides Comprehensive Data Science Training for Researchers, Academicians, Scholars. Data Science is a blend of various tools, algorithms, and machine learning principles with the goal to discover hidden patterns from the raw data. Data Science is an interdisciplinary field, data science deals with processes and systems, that are used to extract knowledge or insights from large amounts of data. The Faculty Development Programme will cover various Tools used for Data Modelling and Data Analytics.

THEMES

- **Introduction to Data Analytics Tools**
- **Predictive Modelling using Tools**
- **Developing Predictive Model for Real Time Problems**
- **Advanced concepts of Machine Learning**

EXPECTED LEARNING OUTCOMES

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

- Work on Various Data Analytics and Modelling Tools.
- Prepare Predictive Model for Real Problems
- Writing Research Proposal based on Machine Learning

REGISTRATION AND PAYMENT PROCESS

ELIGIBILITY

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: 15 January 2022

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.
- As part of the Ministry of Education's requirement under the PMMMNMTT scheme, all participants need 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:

rc_dam@ramanujan.du.ac.in

or contact us through WhatsApp:

+91 - 7011863335

+91 7011527088

ORGANISING BOARD OF THE PROGRAMME

PATRONS

Prof. S.P. Aggarwal
Director, TLC and
Principal, Ramanujan College

Prof. Rahul Gupta
Rector, Bhaderwah Campus, University
of Jammu, Jammu

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