UNDER THE AEGIS OF
MINISTRY OF HUMAN RESOURCE DEVELOPMENT

DEPARTMENT OF COMPUTER SCIENCE
MATA SUNDRI COLLEGE FOR WOMEN
(UNIVERSITY OF DELHI)

IN ASSOCIATION WITH

PANDIT MADAN MOHAN MALVIYA
NATIONAL MISSION ON TEACHERS AND TEACHING
TEACHING LEARNING CENTRE
RESEARCH DEVELOPMENT AND SERVICES CELL
RAMANUJAN COLLEGE
(UNIVERSITY OF DELHI)

ORGANISES
TWO WEEKS' ONLINE FACULTY DEVELOPMENT PROGRAMME

ICT BASED NEW PARADIGMS OF E-TEACHING AND E-LEARNING : DIGITAL PEDAGOGY

SEPTEMBER 15, 2020 - SEPTEMBER 30, 2020

CALL FOR REGISTRATION AND PARTICIPATION

MATA SUNDRI COLLEGE FOR WOMEN
(UNIVERSITY OF DELHI)

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MATA SUNDRI COLLEGE FOR WOMEN

Mata Sundri College is named after the consort of the Tenth Guru of the Sikhs, Guru Gobind Singh Ji. Mata Sundriji lived here for more than forty years and guided the Sikh Community with sagacity and erudition.

It was established to propagate the great mother's cherished ideals of service, leadership and academic pursuits among young women with the motto "Truth is the highest of all virtues but true living is higher still". All these years, we have been trying our utmost to keep up the ideals and values established by Mata Sundri Ji.

Mata Sundri College for Women is one of the well recognised colleges of the University of Delhi. With its extremely well qualified teaching faculty and an efficient support staff backing them, the college provides an ideal learning environment for young women as they embark on their journey of life, giving shape to their most cherished dreams and wings to their creative pursuits. Its a matter of pride that this institution is a study centre of Non-Collegiate Women's Education Board, University of Delhi. It also serves as a centre of Indira Gandhi National Open University.

RAMANUJAN COLLEGE

Ramanujan College, University of Delhi, is located in the well-known area of Kalkaji, near Nehru Place in South Delhi. Ramanujan College has highly qualified, dedicated and committed faculty members. The college runs fifteen courses in different subjects in Humanities, Commerce and Science streams. It is also the study centre for the students of the School of Open Learning, University of Delhi, the Non- Collegiate Women's Education Board, University of Delhi and the Indira Gandhi National Open University. Ramanujan College has also been selected by the MHRD as a National Resource Centre.

The College also runs a number of professional courses. The teachers of Ramanujan College are highly motivated and have original, published academic and creative work, including journal and other print media articles and educational film making to their credit. Ramanujan College is a premier institution of the University of Delhi and has been accredited grade "A" by the National Assessment and Accreditation Council (NAAC). The college has also been ranked 26th in the National Institute Ranking Framework (NIRF 2018).

We at Ramanujan College emphasize on the holistic development of personality, meaningful exposure to real world, and inculcating practical skills amongst our students apart from ensuring academic excellence.

ENRICHMENT SPECTRUM AT THE TEACHING LEARNING CENTRE (TLC), RAMANUJAN COLLEGE

- TLC, Ramanujan College is equipped with a modern state of art auditorium, conference rooms and ICT enabled class rooms
- Emphasis to create self-learning space for students
- Hands-on assignments and live projects
- Expert guidance on live projects
- Follow-up tasks
- Provision of study content (wherever required)
- Developing appropriate attitudinal orientation
- Learning experience for personality enrichment
- Augmentation of professional capabilities
- Co-creation and mutual contribution between participants and facilitators
- Access to global resources
- Adaptation skills for the dynamic contemporary environment

PMMMNMTT

The Ministry of Human Resource Development (MHRD) launched the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) in 2017. One of the main objectives of this mission is to facilitate teacher training by constituting Teaching Learning Centers in various institutions of higher education in our country. The Teaching Learning Centers (TLCs) are mandated to promote on a continuous basis the learning of new pedagogical practices, methodology of forming discipline-specific curricula and creating new learning materials (including e-content) for use by the teachers in colleges and postgraduate departments. It is envisioned that the TLCs will accelerate the teaching-learning process by encouraging independent critical and creative thinking and facilitating research for subject-specific growth.

The TLCs will assist the faculty in capacity building for curriculum designing, scientific assessment and evaluation and the development of innovative academic programs to strengthen the inclusive nature of higher education. The TLCs are also encouraged to reach out to teachers teaching in regionally disadvantaged locations.

The Pandit Madan Mohan Malviya National Mission emphasizes the need to change the role and workings of a teacher from a mere disseminator of information and knowledge to the one who helps students to develop critical, analytical skills, capabilities to generate information, the ability to reason and to empower themselves through open sources and globally oriented digitalized self-learning processes. The focus is not only on 'what is taught' but also importantly, to 'the way it is taught,' in an effort to develop and enhance individual education, that will eventually go on to define the manner in which the future generations will work and live.

The Teaching Learning Centers offer Faculty Induction Programs (FIPs) for newly recruited faculty and Faculty Development Programs (FDPs) for teachers with experience who wish to update their field of knowledge, expertise and skill with the latest available research, resources and technology. In the FDPs, special emphasis is given to inter and cross-disciplinary methodologies of study.

Currently, the teaching fraternity is missing their lively and interactive classrooms due to COVID-19 Pandemic. To address the present situation, the University Grants Commission (UGC) has intensified its efforts to have a strong virtual engagement with the students through email/WhatsApp and hosting lectures using Google Class Room and other video-conferencing platforms.

Keeping in view the immense benefits and reach of online courses in the present academic set-up, Mata Sundri College for Women, University of Delhi in collaboration with the Teaching Learning Centre of Ramanujan College, University of Delhi plans to offer Two weeks' Online Faculty Development Programme on "ICT based new paradigms of E-Teaching and E-learning: Digital Pedagogy" for faculty members and research scholars of higher education in the country from August 25, 2020 – September 09, 2020.

CONCEPT NOTE

The Global COVID-19 pandemic has significantly disrupted the conventional Indian education system. Due to the prevalence of pandemic, an unprecedented change in the traditional education sector has lead to the adoption of digital pedagogy. A digital pedagogy is the use of electronic technologies to enhance teaching and learning skills. Hence e-learning and e-teaching are rapidly gaining importance and momentum.

ICT technology provides information available at the right time, right place in the right form to the right user. ICT may provide a technology-enhanced environment with stimulation and experience as in traditional classroom environment. Hence ICT has a major impact on e-teaching and e-learning. Information can be easily stored, shared, transmitted and exchanged. ICT enhances the effectiveness in education and adds value to teaching and learning. It offers a dimension to the learning that was previously untapped.

The knowledge of ICT facilitates the teachers to conduct online classes/sessions/meetings, create interactive e-contents, design audio/video lectures, and develop content with inbuilt assessment and feedback mechanisms for their respective disciplines. With this aim, Department of Computer Science is proposing a two weeks' online FDP with the topic "ICT based new paradigms of E-Teaching and E-learning: Digital Pedagogy".

OBJECTIVES

The target of Two weeks' online Faculty Development Programme are as follows:

- Conduct online classroom sessions with various tools of G Suite.
- Create docs, forms, sheets, slides and personal website using G Suite tools.
- Create interactive e-content using open source software tools.
- Design audio-video lectures.
- Design animated quizzes, and lectures.
- Creation & editing of videos using open source software tools.
- Creation of Channel on YouTube, Live-Streaming & Uploading.
- Develop and share e-content with inbuilt assessment and feedback mechanism.
- Organizing live sessions/meetings.
- Sharing of resources, expertise and advice using EDX.
- Introduction to OER

MODULES

The main modules of the two weeks' Online Faculty Development Programme are as follows:

- Module 1 : G Suite Tools
- Module 2 : Google Classroom
- Module 3 : Online Board writing Tools
- Module 4 : Google Chrome Extensions
- Module 5 : Animation Tools
- Module 6 : OBS, Advance OBS
- Module 7 : Creation of Channel on YouTube, Live-Streaming & Uploading.
- Module 8 : Video Editing Tools
- Module 9 : Visualization Tools
- Module 10 : Interactive Tools
- Module 11 : Assessment Tools
- Module 12 : LMS/CMS Tools
- Module 13 : OER
- Module 14 : Online Meeting Tool – CiscoWebeX
  - Comparison of E-Teaching practices for Virtual classroom

HIGHLIGHTS

- G Suite tools Hands-on.
- Blend of live and recorded sessions.
- Everyday interaction will be followed by quizzes/assignments and feedback.
- Creation of interactive e-content using open source software tools.
- Development of content with inbuilt assessment mechanism.
- Open broadcaster software
- Design audio-video lectures

EXPECTED RESULTS

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

- Create e-content for their discipline using open source software tools.
- Conduct online classes using various G Suite tools.
- Conduct live sessions/meetings.
- Design audio-video lectures.
- Design interactive e-contents using animation tools.
- Create and edit videos for lectures using open source software tools.
- Upload and manage live streaming of e-contents on YouTube.
- Share resources, expertise and advice using LMS/CMS Tools.
- Integrate OERs in their e-resources.
- Apply with ICT tools for smooth functioning of e-teaching and e-learning classes.

ELIGIBILITY

- The FDP is open to Faculty members (regular/ad-hoc/temporary) from any Indian university/college and registered Ph.D research scholars.

- All the participants are requested to register online by visiting https://mscw.ac.in/ on or before ~~September 12, 2020~~ (Date Extended) **September 14, 2020**. by browsing the link given in registration details below.

- Registration for all the participants is mandatory. For further queries, please mail us at: fdp_ict2020@ms.du.ac.in

REGISTRATION DETAILS

Fees for the programme : INR 750/- (Non-Refundable)

* Payment can be done through Debit Card/Credit Card/Online Net-banking/UPI/IMPS/Others to the below mentioned Registration link.
https://mscw.ac.in/msc_fdp_registrations.aspx

Join Telegram : ICT-FDP 2020
https://t.me/joinchat/NtuYzVRxbvDtwVzil9y4kg

PROCESS

FIRST STEP : Participants will fill up the online application form given in the registration link above with all required details & payment option within the registration form before the final date of submission. Late applications will not be entertained. The final date of submission is ~~September 12, 2020~~ (Date Extended) **September 14, 2020.**

SECOND STEP : After successful registration & payment, the participants will receive a final confirmation and invitation letter on or before ~~September 13, 2020~~ (Date Extended) **September 14, 2020.**

FDP RULES

- The FDP begins on September 15, 2020. Details of programme will be sent to the participants' later on their telegram link or on their email-id mentioned in the registration form.

- As the FDP is being organized under the prestigious PMMMNMTT scheme of MHRD, we at Mata Sundri College for Women with TLC, Ramanujan College give prime importance to willing and serious participants who are eager to learn. In this context, it should be noted that certificates will be awarded to only those participants who will be present online and engaged during each session of the FDP. Therefore, it is compulsory for participants to attend all the online sessions in order to receive certificate of participation.

- Certificate criteria is to attempt and submit online all quizzes and atleast 90% of assignments as per the date mentioned for each quiz and assignment.

- Feedback form will be shared on daily basis and all participants have to send online feedback for each session.

- The assessment test will be conducted online on the last day of FDP and its mandatory to appear for the test and secure minimum of 40% marks in the quiz test.

ORGANISING TEAM

MATA SUNDRI COLLEGE FOR WOMEN (UNIVERSITY OF DELHI)

- **PATRON**
  - (Prof.) DR. HARPREET KAUR (PRINCIPAL)

- **CHIEF COORDINATOR**
  - DR. KIRANJEET SETHI, Associate Professor, Department of English and Teacher Coordinator, Department of Computer Science.

- **CONVENER**
  - DR. NIDHI, Assistant Professor, Department of Computer Science

- **CO-CONVENERS**
  - DR. MEGHA GUPTA, Assistant Professor, Department of Computer Science,
  - MS. PRIYANKA GUPTA, Assistant Professor, Department of Computer Science

- **TEAM MEMBERS**
  - MS. ASHEMA HASTI, Assistant Professor, Department of Computer Science,
  - MS. VIJAYA GOEL, Assistant Professor, Department of Computer Science

- **TECHNICAL STAFF**
  - MS. SANGEETA PATHAK, Technical Coordinator

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TEACHING LEARNING CENTRE RAMANUJAN COLLEGE (UNIVERSITY OF DELHI)

- **DIRECTOR**
  - (Prof.) DR. S.P. AGGARWAL (PRINCIPAL)

- **ASSISTANT DIRECTORS**
  - DR. SUMIT NAGPAL, Assistant Professor, Department of Mathematics
  - DR. NIKHIL RAJPUT, Assistant Professor, Department of Computer Science
  - DR. VIBHASH KUMAR, Assistant Professor, Department of Commerce and Management Studies

- **TECHNICAL COORDINATORS**
  - MR. SAHIL PATHAK, Assistant Professor, Department of Computer Science
  - MR. VIPIN RATHI, Assistant Professor, Department of Computer Science

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