



NAAC A+
Accredited University



Five Day Workshop On **Effective Teaching-Learning Methods For Under/Post Graduate Science Teachers**

22nd-26th February 2024

Sponsored By
ICSSR-Northern Regional Centre , New Delhi
&
Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P)

Venue : Abhimanch Auditorium, DHSGSU Sagar (M.P)
Registration Link: <https://forms.gle/Y5jMrNPcjHce6V8x6>

Organized By
Department of Education
Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P)
(A Central University)
A⁺ Graded By NAAC

Organising Team



Chief Patron

Prof. Neelima Gupta

Hon'ble Vice Chancellor
Doctor Harisingh Gour Vishwavidyalaya
Sagar (M.P.)



Chief Guest

Prof. Seema Singh

Hon'ble Vice Chancellor
U.P. Rajshree Tandon Open University
Prayagraj



Patron

Prof. B. I. Guru

Dean
DOE, DHSGSU, Sagar.(M.P.)



Co-Patron

Prof. Anil K. Jain

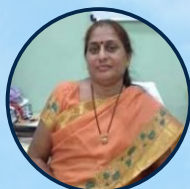
Head
DOE, DHSGSU, Sagar.(M.P.)



Convener

Dr. Megha Das

Assistant Professor
DOE, DHSGSU, Sagar.(M.P.)



Coordinator

Dr. Rani Dubey

Ex- Head
DOE, DHSGSU, Sagar.(M.P.)



Co-coordinator

Dr. Chintan Verma

Assistant Professor
DOE, DHSGSU, Sagar.(M.P.)

Advisory Committee

Prof.P.K.Kathal	Prof.Devashish Bose
Prof.Sanjay K. Jain	Prof.Varsha Sharma
Prof.H.Thomas	Prof. A.P Mishra
Prof. B.I.Guru	Prof. A.D.Sharma
Prof. Asmita Gajbhiyae	Prof.Ratnesh Das
Prof. N. kango	Prof.Sushil Kashaw
Prof. D.S.Rajput	Prof.Vandana Soni,
Prof.Chanda Bain	Dr.Sandhya Patel

Organizing Committee

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Dr. Rashmi Jain	Dr. Ramakant S
Dr. Preeti Wadhvani	Dr. ShivShankar Yadav
Dr.Dharmendra Saraf	Dr. Yogesh Kumar Pal
Dr. Abhishek K Prajapati	Mrs. Aparna Shrivastava
Dr. Anupi Samaiya	Mr. Akhand Sharma
Dr. Rajnish Agrahari	Dr. Shakila Khan
Dr. Pushpita Rajawat	Mr.Yogesh Kumar Singh
Dr. Sawan Kumari	Mrs. Kanchan Chourasiya

About the University

The founder and mentor Sir Doctor Harisingh Gour desired to establish an educational institution to provide an opportunity for higher learning to cater to the rural and deprived population of Central India. Inspired by Cambridge and Oxford Universities Doctor Harisingh Gour established the University of Saugour, (later renamed as Doctor Harisingh Gour Vishwavidyalaya in February 1983) on July 18, 1946 out of his lifelong earnings. The University was the sixteenth university in the country and the first in the State of Madhya Pradesh at that time. The University was upgraded as Central University on January 15, 2009, by the Central University Act, 2009. The President of India is the Visitor of the University. The University campus is spread over an area of about 1300 acres, surrounded by lush green forests, and is situated in a natural and eco-friendly environment. The University provides a congenial academic atmosphere to the learners to nurture their potential for excellence. There are 11 schools under which 39 independent teaching departments in the University, some of them are recognized centers of the UGC and DST under the DRS, PURSE and FIST programmes. There are four hostels for boys and four for girls. Residential facilities are available for teachers and officials of the University. Our first Prime Minister Pt. Jawaharlal Nehru laid the 'foundation stone' of the University Library in 1952 which is named after him. The University has adopted 'School of Study' system for promoting intra and inter school academic programmes. Eleven schools were established under the new system which offer courses ranging from Physical, Chemical & Life-Sciences to Applied Sciences and Technology, Law, Business Management, Applied Geology, Pharmaceutical Sciences, Humanities, Arts & Information Science, Social Sciences, 5 Music & Performing Arts, etc. The University has well qualified and experienced faculties who are continuously engaged in providing quality teaching and research to the knowledge-seeking young scholars. Some of the faculties have the experience of working in internationally renowned educational institutes. The Banking, Postal, Health & Sanitation and Cafeteria services are available at the University premises. The University has various Centres for developmental activities such as UGC- Human Resource Development Centre, Sophisticated Instrumentation Centre (SIC), Institute of Distance Education, Study Centre of Indira Gandhi National Open University (IGNOU), Educational Multi-Media Research Centre (EMMRC), Teaching and Learning Centre (TLC), Remedial Coaching Centre, Community College, Population Research Centre (PRC) of Ministry of Health and Family Welfare and Manuscript logy Research Centre of the Ministry of Culture, Government of India. Academic Departments, Hostels and Libraries are well equipped with Wi-Fi through National Knowledge Network (NKN) and e-resources are accessible through Wi-Fi. The Integrated University Management Systems (IUMS) and Learning Management Systems (LMS) are available for providing all the possible online facilities.



About the Department

The Department of Education came into existence in the year 1961 and till 1967 functioned as a M.P. Government's Post Graduate Basic Training (PGBT) College, in 1967 was upgraded and from 1967-2011 functioned as "University College of Education". After the upgradation of the university in to a Central University on 15 January 2009, this University College of Education with all its entities and amenities was transformed into a 'Department of Education' under the



aegis of a separate school "School of Educational Studies (SES)" on 27 March 2011. The department has been upgraded into School of Education under the MHRD scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) and has 2 centres running namely Centre for Pre-Service Teacher Education (CPSTE) & Centre for Professional Development of Teacher Educators (CPDTE) and ITEP course. The Department has highest number of students as well as faculty in university. Every year substantial amount of students get selected in professional exams like NET, CTET, PSC etc.

About the Workshop

India, a nation popularly famous for its enriching history and diverse culture, has encountered a transformative paradigm shift via the unveiling of its National Education Policy.. The National Education Policy 2020 touches upon multifaceted education, including teacher training, school curriculum, higher education, vocational skills, and much more. The aim of this workshop is to help faculty, or aspiring faculty, who have a decent understanding of the subject matter to become effective teachers, focusing on inclusive and equitable education according to National education Policy 2020, to fulfil the vast and diverse need of all students. This includes instructions on differentiated teaching methodologies and strategies for special needs learners. The workshop will focus on multidisciplinary approach, continual professional development, hands on classroom experiences, technological integration, inclusivity and equity, standardisation and accreditation, student centred learning. The workshop sessions will employ a mixture of presentation and the flipped class room approach. A reading will be given for each session, and after a short presentation on the topic, we will discuss the reading and various aspects of the topic and its applicability in our circumstances. In some sessions, we will take course descriptions of some of our courses and analyse them. This workshop consists of lecture sessions, case studies, panel discussion and group activities that can help to improve student to teacher interaction and impart effective science teaching. It is hoped that participants will apply some of the techniques discussed in the workshop as per NEP 2020 in their own teaching and share the experience with the class. It tries to bring faculties in various institutes in India under an umbrella to share the best practices in teaching and learning of science.



Objectives of the Workshop

- To equip teachers with a wealth of knowledge, ensuring they are well-versed in numerous subjects and not restricted to conventional siloed domains.
- To empower teachers to constantly work on upscaling their skills and knowledge, and providing aspiring educators with invaluable insights into real-world teaching scenarios.
- To training teachers to effectively make use of digital tools and resources in their teaching techniques.
- To train teachers to fulfil the vast and diverse needs of all students including special children and meet a certain level of competence and quality in their teaching.
- To enables educators to tailor their teaching techniques to the individual learning needs and styles of their students.



Sub-themes of Workshop

- Dynamics of Science Teaching
- Problem solving Approach
- Case Studies
- Hands on Learning
- Creative Thinking
- Ed Tech Tools in Education
- Visual Education
- Value Based Education
- Adaptive Assessments
- Designed Feedback
- Role of Mental Health in Learning Process
- Learning through Immense Technologies
- Artificial Intelligence in Education
- Special Education
- Gamification and Learning



Resource Persons

- **Prof. Gavisiddappa R Angadi** , Central University of Gujarat
- **Prof. Rashmi Singhai**, RIE Bhopal
- **Prof. Manoj Kar**, IISER Pune
- **Prof. Rajni Ranjan Singh**, DSMRU Lucknow
- **Prof. Sujeet Kumar Mishra**, GGDU Central Univ. Bilaspur
- **Prof. Ratnesh Das**, DHSGSU Sagar
- **Prof. Sushil Kumar Kashaw**, DHSGSU Sagar
- **Prof. Anil Kumar Jain**, DHSGSU Sagar
- **Prof. Vani Bora**, CSC Delhi
- **Prof. M.T.V. Nagraju**, IGNTU Amarkantak

Who can Participate

Faculty members teaching Science to undergraduate and Postgraduate students, from all universities and College, and research scholars.

Participants are encouraged to bring their own laptops and data cards.

Benefits

This five day workshop is eligible for CAS for teachers as per UGC guidelines.

How To Apply

Interested candidate can apply for the course by filling and submitting an online registration form by attaching a signed and scanned copy of registration form(see last page)(the original registration form should be produced on the first day of Course) and the scanned copy of registration form are to be emailed to

ap.edu.meghad@dhgsu.edu.in



Important Dates

Last Date of Registration

16 February 2024

Intimation of Selected Candidates

17 February 2024

**Confirmation by the Selected
Candidates**

18 February 2024

Dates of Workshop

**22, 23, 24, 25 & 26
February 2024**

Registration

All participants of the workshop will need to register by paying non-refundable registration fee.

Research Scholars : **1000 Rupees**

Faculty Members : **1500 Rupees**

On spot registration : **2500 Rupees**

For registration please click on the given link :

<https://forms.gle/Y5jMrNPcjHce6V8x6>

Bank Details

Name: Effective teaching learning methods for under/post graduate Science teacher

Account No: 42652509194

Branch: Saugor University

Bank Name: State Bank of India (SBI)

IFSC Code: SBIN0001143

MICR No: 470002003

Registration fees includes Kit, Snacks and lunch during the workshop

Note: No Fee for Accommodation & it will be allowed for the outstation participants.

For any queries please contact:

9617173010, 8808957778,

8750339257, 9993699344

How to reach Sagar

Sagar (M.P.) is a divisional head quarter, well connected by train and all season roads. The nearest airport is in Bhopal and Jabalpur at a distance of approximately 175 Kms. Sagar railway station is mentioned as Saugor(SGO) in railway time-table. Sagar is directly connected by train to Bina (80 Km), Bhopal (215 Km), Jabalpur (279 Km) and Jhansi (200 Km).

Five Day Workshop
On
Effective Teaching-Learning Methods For
Under/Post Graduate Science Teachers

22nd-26th February 2024

Organized By
Department of Education
Dr. Harisingh Gour Vishwavidyalaya, Sagar (M.P)
(A Central University)

REGISTRATION FORM

Name:

Designation:

Department:

Institute:

Postal Address:

.....

Phone: (Office).....(Mobile).....

E mail:.....

Whether you require accommodation: Yes / No

(For Outstation Participants Only)

Details of online payment:

Transaction IDDate.....Bank.....

Branch.....

Amount Rs.....(in words)

Last date for registration is : **16 / 2 / 24**

Applicant
(Name with Signature)

Note: After filling up the registration form please send its scanned copy to convenor on the given email address for communication.

