

Faculty Development Program on “Advancements in Integrated Sciences: Learning and Adaptation for Effective Teaching and Research”

Department of Physics, Chemistry and Mathematics along with IQAC of SLC in collaboration with CSIR-Institute of Genomics and Integrative Biology and UGC-HRDC Jamia Millia Islamia organized a Faculty Development Programme for Science faculties titled “Advancements in Integrated Sciences: Learning and Adaptation for effective teaching and research” spanning from 10th -16th Dec, 2018. It registered 80 faculty members from across the University of Delhi and some other colleges of other universities. This FDP saw a galaxy of well-known personalities in the science subjects as eminent speakers. Director, UGC-HRDC, Jamia Millia Islamia, Prof. Anisur Rahman, inaugurated the programme along with the Principal, SLC, Prof. Rabi Narayan Kar. It is our Principal’s guidance and support which made the convenors of the programme, Dr. Monika Goyal (Physics), Dr. Ashu Gupta (Chemistry) and Mr. Balram Kindra (Mathematics) with their young team pull off this seven day rigorous faculty development programme successfully which saw speakers like Prof. Sanjay Jain, Head, Department of Physics and Astrophysics, DU and Prof. C. S. Lalitha, Head, Department of Mathematics, DU among others. The valedictory programme saw a multifaceted personality, Prof Samir K. Brahamchari, Scientist and Founder Director, CSIR-IGIB and former Director General, CSIR-India as the chief guest and eminent resource person along with Dr. Debasis Dash, senior principal scientist at CSIR-IGIB as eminent speaker and Guest of Honour. Prof. Brahamchari touched upon an important aspect of teaching that how to be a good mentor to our students more than a teacher and how knowledge should always be learner centric. This programme saw a very engaging 24 sessions including a virtual lecture from a renowned Scientist and Professor from Kyushu University Japan, Prof. Bidyut

Baran Saha. A multi campus new experiment included sessions and lab work at CSIR-Institute of Genomics and Integrative Biology, new Mathura road. The participants were sufficiently exposed to the developments happening in various fields of sciences and the speakers mainly stressed upon the multidisciplinary approach both towards teaching as well as research which only can help the scientists and researchers to understand the nature in a better way.







For More Pics:

https://www.facebook.com/pg/SLCMDU/photos/?ref=page_internal&tab=album&album_id=1896104333835592

Brochure:



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Tel: +91- 11-22324086; Fax: +91- 11-22322201
website: www.shyamlal.du.ac.in

ABOUT THE COLLEGE

SLC, a co-educational constituent college of the University of Delhi, was established in 1964. SLC being the oldest and pioneer college in East Delhi has been catering to the holistic educational requirements of the young generation. The College is rapidly emerging as a prominent educational institution of the University and has earned its legitimate claim as the most efficient and complete educational institution in the relatively less developed East Delhi region. The endeavour of the College has always been to make higher education more enjoyable, job oriented, meaningful and practical, and at the same time more adaptable to the ever changing demands of our society.

ABOUT IQAC

Internal Quality Assurance Cell (IQAC) has been actively pursuing quality sustenance measures to ensure excellence in academic endeavour. In that context, IQAC becomes a part of the institution's system and works towards realization of the goals of quality enhancement and improvement. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of the institution.

FDP THEME

This FDP has been planned with the aim of disseminating knowledge in frontier areas in physical sciences leading to skill building and enhancement of a larger academic community. Motivating next generation teachers for developing India's capacity in research and innovation is the need of the hour. This program aims to bring teaching, learning and research in both experimental and theoretical communities together and provide a platform for imparting/sharing various developments/trends in contemporary areas in PHYSICAL SCIENCES. For an effective faculty development, three conditions have been identified as necessary.

1. The person must have a desire to change
2. Knowledge of what to do and how to do it.
3. A supportive work environment

Fortunately, the first two conditions can potentially be achieved through such faculty development programs and Shyam Lal College (SLC), under its able leadership, has emerged as a promising institution for fulfilling the last condition towards a successful faculty development and enrichment. This program aims to attract capable and creative community of scholars and enhance their skills for better classroom engagements and research.

OBJECTIVES

1. Preparing faculty members towards rapid changes and shifting paradigms in science education
2. Focus on "Learning by Doing" as always the key to scientific temperament.
3. Effective classroom engagements
4. Overall improvement in performance of faculty members in learning, research and administration.



REGISTRATION FORM

SLC (University of Delhi)
Shyam Lal College

Advancements in Integrated Sciences: Learning & Adaptation for Effective Teaching and Research

Name _____
Designation _____
Organization Name _____
Address _____
Mobile No. _____ Phone _____
E-mail ID _____

PAYMENT OF FEES

NEFT Details
Date & Amount of money transferred _____
Transaction ID _____
Name of bank, IFSC code & account no. from which the money has been transferred _____

DETAILS OF DEMAND DRAFT

Date of issue & amount _____
DD No _____
Drawn on Bank _____

For any query please contact:

Dr. Ashu Gupta (9811624264), Dr. Monika Gupta (9810683688)
Mr. Balram Kindra (9911805964)

EXPECTED OUTCOMES

1. Exposure to new domain of knowledge.
2. Increase in confidence, motivation and enthusiasm.
3. Instructional development, professional/ career advancement and organizational enhancement.
4. Use of latest technologies in classroom.
5. Exposure towards quality publications.

WHO SHOULD PARTICIPATE

Teaching Faculties of Universities and Associated colleges, Research scholars and Scientists

FDP TRACKS

There will be two sessions on all days, a general session which will be beneficial for overall improvement in teaching methodology inside the class rooms or research methodology. The second session will be subject oriented conducted by subject experts from academic organizations of high repute which would enhance the knowledge of faculty about recent developments in their subject of study. This would in turn benefit the students to face the challenges in their respective fields.

Some of the relevant areas which will be covered in this program though not limited to these only are as under:

1. Green chemistry and environment issues
2. Developing smart projects using digital electronics
3. Advanced mathematical techniques
4. Knowledge of statistical tools in Research
5. Information and communication technology
6. Hands on training for Paper development and publication
7. Computational skills for Advancement
8. Developing Professional Ethics, Values and Communication skills
9. Hands on Innovation for effective classroom engagement

REGISTRATION

Registration Fee 1500/-

The registration fee may be sent in the form of Demand Draft in favour of "Principal, Shyam Lal College", payable at Delhi. The registration fee (with the name of the participant and the title of the FDP stated in the covering letter) should reach the Principal at the office address. The registration fee can also be paid through electronic money transfer system and confirmation of such transaction is to be intimated by sending the snapshot and UTR No. of your transaction to slcfdp.sc@gmail.com with "Payment Registration Fee" as the subject. The required details for such transfers are:

1. Name : Shyam Lal College
2. Banker Name : Central Bank of India
3. Address : G.T. Road, Shahdara, Delhi-110032
4. IFSC Code : CBIN0283941
5. Account Type : S/B
6. Account Number : 1247800135



Jamia Millia Islamia
Central University



SLC (University of Delhi)
Shyam Lal College
Department of Physics,
Chemistry & Mathematics
with
IQAC



Presents

one week

Faculty Development Programme



Advancements in Integrated Sciences:
Learning & Adaptation for Effective
Teaching and Research

10 - 16 December, 2018

Conference Hall
Shyam Lal College

CERTIFICATES

Certificates for participation would be handed over in the valedictory function of the FDP.

DELEGATION FEES & ACCOMMODATION

The delegation fee is mentioned above for the participants. The fee entitles the participants to a FDP kit, writing pad with pen, FDP program booklet and 7 days' refreshments and lunch. The outstation applicants can contact the convenors for arrangement of accommodation at nominal price.

SCIENTIFIC COMMITTEE

Prof. Sanjay Jain, Head, Department of Physics, University of Delhi
Prof. C. S Lalitha, Head, Department of Mathematics, University of Delhi
Prof. Ramesh Chandra, Head, Department of Chemistry, University of Delhi
Prof. R.K Sharma, Department of Chemistry, University of Delhi
Prof. Vinay Gupta, Dean Exam. Dept. of Physics, University of Delhi
Prof. Sunita Singh Sengupta, Dean FMS, University of Delhi
Prof. S.K Kukreti, Department of Chemistry, University of Delhi
Prof. Dhananjay Gade, Elect. and Communication Engineering, NSIT, University of Delhi
Prof. Ashok Prasad, Department of Chemistry, University of Delhi
Prof. Anil Kumar, Dept. of Chem. BITS PILANI, PILANI CAMPUS
Dr. Debasis Dashi, Senior Scientist, CSIR
Dr. Deepak Sharma, Senior Scientist CSIR- IMTECH, Chandigarh
Prof. Pankaj Gupta, Member SLC G.B. Department of Operational Research, University of Delhi
Prof. Bidyut B. Saha, Engineering Sciences, Kyushu University, Japan
Dr. Anurag Mishra, Dept. Of Electronics, DDU college, University of Delhi
and many more.....

Chairperson

Smt. Savita Gupta

Patrons

Prof. Rabi Narayan Kar
Principal, (SLC)

Prof. Anisur Rehman
Director, UGC- HRDC, JMI

Dr. Anurag Agrawal
Director, CSIR-IGIB

Convenors

Dr. Monika Goyal
(Dept. of Physics)

Dr. Ashu Gupta
(Dept. of Chemistry)

Mr. Balram Kindra
(Dept. of Mathematics)