

• Convener •

Prof. Anand Pathak

Fellow, Indian Academy of Sciences School of Physics,
University of Hyderabad-500046

• Coordinator •

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• Principal •

Dr. Jaiprakash S. Dargad

Dayanand Science College,
Latur-413512



: Venue :

DAYANAND SCIENCE COLLEGE,
M. I. D. C. area, Barshi road, Latur-413512
www.dsclatur.org



Science Academies Lecture Workshop on Theoretical Chemistry January 5-7, 2019

Sponsored by

- Indian Academy of Sciences, Bengaluru
- Indian National Science Academy, New Delhi
- The National Academy of Sciences India, Allahabad



: Organized by :

DAYANAND SCIENCE COLLEGE
Latur - Maharashtra

Prelude

The Departments of Chemistry, Dayanand Science College, Latur in association with "Science Academies of India", are organizing three days workshop on "Theoretical Chemistry" during 5-7th January 2019. This workshop is intended to instill knowledge on chemical and basic sciences among Postgraduates students and Faculty members. It is our pleasure to invite you all to participate in this workshop. We look forward for your enthusiastic participation and interaction with the experts.

Eligibility : PG Student in the subject of Chemistry

Note: The number of participants in the lecture workshop will be about 150.

The Workshop :

The theme of our workshop is "Theoretical Chemistry". It will serve as a platform for students to develop more interest in science in general and chemistry in particular. It will also focus on how to increase numerical problem-solving skill and memorization. This will potentially expose and encourage students to take up research in Chemical Sciences & interdisciplinary areas. Also it will help prepare students for SET, NET, GATE and competitive examination

This Lecture Workshop is promoted and sponsored by:

- ❖ Indian Academy of Sciences, Bengaluru
- ❖ Indian National Science Academy, New Delhi
- ❖ National Academy of Sciences, Allahabad

under the "Science Academies" - Science Education Programme". The workshop is scheduled from 10:00 am to 5:30 pm during 5th to 7th January 2019

Objectives

- To provide an ideal forum for students, teachers and scholars to understand the fundamentals and latest developments and innovations in Chemical sciences.
- To give the opportunity to M. Sc. students to learn about Fundamental Chemistry in more detail and motivate them for higher studies, like M Phil and Ph. D.
- To provide an opportunity for the students and the teachers to interact with the scientists and establish a network with various institutions.

About the College :

Dayanand Science College, Latur (MS), is unique, first oldest and the finest single faculty college of the region, pursuing excellence in education in several branches of Science. The college has 13 subject combinations for UG programs, 07 PG programs, 05 research centers and 04 COP programs. In the year 2012 our institution received Shahu-Phule-Ambedkar Award by Maharashtra State Government. In 2013 the college received DST-FIST recognition. In the year 2014 college had been awarded A grade in NAAC Accreditation 2nd cycle with CGPA 3.14 out of 4.00. In the year 2015 college received Best College(Urban) Award from Swami Ramanand Teerth Marathwada University, Nanded. In the year 2016 College has been awarded College with Potential for Excellence award (CPE) by UGC and able to receive grant of Rs. 5 crore in the three phases. Our Principal Dr. J. S. Dargad has been recently awarded by Best Principal Award by SRTM University, Nanded. The college has organized number of academic programs such as workshop, seminars sponsored by UGC,

twelve INSPIRE Internship programs for Junior college students funded by Department of Science and Technology, New Delhi. Two weeks refresher course for teachers in Physics was organized in April 2016. Also, three days workshop on Physics, Chemistry and Mathematics was organized in 24-26th December 2016 and International Conference on Mathematical Analysis and its Applications is to be organizing on 5-9th March 2017. Two weeks refresher course for teachers in Chemistry was organized in 21st June- 5th July 2017. Three days Lecture Workshop on Conceptual Chemistry for B. Sc. T.Y. students was organized on 6-8th Jan 2018. Recently two weeks refresher course for teachers in Mathematics was organized in 11-25th June 2018. Also one day workshop on Skill Enhancement Course (SEC) CBCS in Chemistry, Mathematics, Physics and Zoology for B. Sc. T. Y. was organized on 6th August 2018. Recently (2018) Dayanand Science college has been considered for sanction of Rs. 2 crores under the scheme of Infrastructure grant from RUSA(Rashtriya Uchchatar Shiksha Abhiyan), Maharashtra state.

Resource Persons :



Prof. Anand Pathak

School of Physics, University of Hyderabad-500046

Topic: "Chemistry in nanoscience & technology "



Dr. Bhimrao C. Khade

Professor and Head of Dept. (Chemistry), Dnyanopasak College, Parbhani-431401

Topic: "Coordination chemistry of Transition Elements"-



Prof. Vivek Bobade

Gokhale Education Society's H. P. T. Arts, and R. Y. K. Science College, Department of Chemistry, Nashik

Topic: "Spectroscopy"



Prof. B. S. Davane

Director of School of Chemical Sciences, SRTMU, Nanded, Chairman- Board of Studies, SRTMU Nanded,

Topic: "Name reaction & rearrangements"-



Prof. Sangita Makone

Ex-Director of School of Chemical Sciences, SRTMU, Nanded, SRTMU Nanded,

Topic: "Electrochemistry"



Dr. A. A. Natu

IISER Pune, CSIR Emeritus Professor, Mumbai

Topic: "Bio-organic chemistry"-

Participants :

Postgraduate Chemical science students and Faculty members who are interested in the topics and desirous of pursuing research, in basic and Chemical Sciences, can apply for this workshop before 31st December 2018.

Registration :

Kindly send the filled-in registration forms to the Coordinator, with the names of the students and teachers attending the workshop, by e-mail or in person on or before 31st December 2018.

Please note that there is no registration fee for participation.
Lunch and refreshments will be provided.



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Registration Form

Full Name _____

Gender : Male / Female * E-mail _____

Name & address of the College in which you are studying

Address of the Student (Residential) _____

Phone No. _____ Mobile No. _____

Notes :

- Certified that the he is bonafide student or our college.
- I Will attend the lecture workshop for all the three days.

Date: / / Class : **M.Sc.** _____

Signature of the Student

Signature of HoD.



Science Academies Lecture Workshop
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To, _____

: From :

Dr. J.S. Dargad

Principal

Dayanand Science College, M.S. India
Contact : 9403970550, 02382-222929