Information and Announcements

Science Academies’ 100th Refresher Course in Experimental Physics

at
Department of Physics
Panjab University, Chandigarh
17 July to 01 August 2018

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

A Refresher Course in Experimental Physics will be held at the Department of Physics, Panjab University, Chandigarh held from 17 July to 01 August 2018 for the benefit of faculty involved in teaching undergraduate and postgraduate courses. The Course aims to familiarize the teachers with a set of new experiments developed as a low cost kit by the Indian Academy of Sciences to cater to the undergraduate and postgraduate levels. All the experiments verify physical laws and principles and yield reasonably accurate results. The Refresher Course is jointly sponsored by the Indian Academy of Sciences, Bengaluru; Indian National Science Academy, New Delhi; The National Academy of Sciences India, Allahabad.

Professor R. Srinivasan, a distinguished physicist, who has devised these experiments for the benefit of physics teachers and students in Indian Universities has designed this Course. The Course comprising lectures, discussions and laboratory sessions will help participants hone their skills in experimental physics and enable them to introduce the experiments in their respective curricula. Refresher courses in Experimental Physics held so far have been highly successful and the experiments have been included in about 150 institutions including universities, autonomous colleges, and advanced science institutions involved in education. More than 2000 participants have been trained so far and more than 250 kits have been sold. It may be noted that UGC regulations include Refresher Courses in API scores for career advancement.

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in Engineering and Physics. Motivated students of BSc final year (Non-Med) and MSc Physics courses with keen interest in Experimental Physics may also apply. The participation of faculty and students from universities and colleges from north India is preferred. The number of seats will be about 30. Selected participants will be provided local hospitality during the Course in addition to course material. Outstation participants will be provided with travel assistance (limited to three-tier A/c train fare). Interested applicants must submit their application online by clicking on the registration link given.

http://web-japps.ias.ac.in:8080/Refreshcourse/DRP.jsp

A copy of the application form signed by the applicant should also be sent by Post to The Course Director. In case of teachers, the form must also be signed and stamped by the Head of the applicant's Institution stating that leave will be sanctioned if the applicant is selected for the Course. A recommendation letter from a teacher is essential for student applicants. Scanned copies of the duly signed documents sent by e-mail will also be accepted.

All applications by post should be superscribed as: "Application for Refresher Course in Experimental Physics". Applications may be sent to: Dr. J S Shahi, (Course Director, Refresher Course in Experimental Physics) Department of Physics, Panjab University, Chandigarh 160014 Email: shahijs@yahoo.com, shahi@pu.ac.in Phone. 9815612645

Last date for the receipt of applications: 28 June 2018

Selected participants will be informed by: 02 July 2018
Science Academies’ Refresher Course in Insect Bio-resources and Human Welfare

at
St Xavier's College
Palayamkottai 627 002, Tamil Nadu
18–31 August 2018

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

A Refresher Course in Insect Bio-resources and Human Welfare will be held at St Xavier's College, Palayamkottai 627002, Tamil Nadu from 18–31 August 2018 for the benefit of faculty involved in teaching undergraduate and postgraduate courses. Participants in this course will gain hands-on experience with about twenty sessions in various entomological aspects. Similarly more than 30 sessions will be allotted for lectures. This course is sponsored by Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi and The National Academy of Sciences, India, Allahabad.

Refresher courses in Insect Bio-resources and Human will be directed by Prof. P K Seth, FNA, FNASc., FAMS. It may be noted that UGC regulations include Refresher Courses in API scores for career advancement. Applications are invited from faculty members with experience in teaching undergraduate and postgraduate courses in Life Sciences / Agricultural entomology. Motivated doctoral and post-doctoral research scholars in Life Science /Agricultural Sciences with keen interest in basic and applied aspects of entomology may also apply. The number of seats will be about 35. Selected participants will be provided with travel assistance (limited to three-tier A/C train fare), accommodation and local hospitality during the Course in addition to course material. Interested applicants must submit their application ONLINE by clicking on the following link

http://web-japps.ias.ac.in:8080/Refreshcourse/RIBRR.jsp

A copy of the application form signed by the applicant should also be sent by Post to the Course Coordinator, at the address given below. In case of teachers, the form must also be signed and stamped by the Head of the applicant's Institution stating that leave will be sanctioned if the applicant is selected for the Course. A recommendation letter from the Head of the Institution forwarded by the Head of the Department is essential for student applicants. Scanned copies of the duly signed documents sent by email will also be accepted.

Address for communication: Dr K. Sahayaraj, Course Coordinator, Refresher Course in Insect Bio-resources and Human Welfare, Head, Department of Zoology, St Xavier's College, Palayamkottai 627002, Tamil Nadu, Email: ksraj48@gmail.com/zoology@stxaaversedu.in, +91 9443497192 (M).

Last date for the receipt of applications: 30 July 2018.

Selected participants will be informed by: 5 August 2018.
Science Academies’ Refresher Course on Biotechnology Techniques in Biodiversity Conservation

at
Bharathiar University
Coimbatore, Tamil Nadu
10–24 September 2018

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

A Refresher Course on Biotechnology Techniques in biodiversity conservation will be held at Bharathiar University, Coimbatore, Tamil Nadu from 10 September to 24 September 2018 for the benefit of faculty involved in teaching undergraduate and postgraduate courses. Participants in this course will gain hands-on experience with about twenty experiments related to biodiversity conservation. Some of the experiments are in (a) plant tissue culture, (b) animal cell line, (c) cryopreservation, (d) aquaculture, (e) soil health management, (f) microbial diversity, (g) floral / fauna biodiversity, (h) ecosystem analysis, (i) biotechnology techniques, (j) gene banks and (k) germplasm. This course is sponsored by Indian Academy of Sciences, Bengaluru, Indian National Science Academy, New Delhi and The National Academy of Sciences, India, Allahabad.

Refresher courses on Biotechnology Techniques in Biodiversity conservation may be useful and the experiments may be included in universities, autonomous colleges, and advanced science institutions involved in education. Moreover, it can be taken forward by R&D institutions towards biodiversity conservation. The course will be directed by Prof. Edathil Vijayan, FNASc. It may be noted that UGC regulations include Refresher Courses in API scores for career advancement.

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in Botany, Zoology and Biotechnology and allied Life/Biological Science courses. The number of seats will be about 35. Selected participants will be provided with travel assistance (limited to three-tier A/c train fare), accommodation and local hospitality during the Course in addition to course material.

Interested applicants must submit their application ONLINE by clicking on the following link

http://web-japps.ias.ac.in:8080/Refreshcourse/BTBC.jsp

A copy of the application form signed by the applicant should also be sent by Post to the Course Coordinator, at the address given below. In case of teachers, the form must also be signed and stamped by the Head of the applicant's Institution stating that leave will be sanctioned if the applicant is selected for the Course. Scanned copies of the duly signed documents sent by e-mail will also be accepted.

Address for communication: Dr P Ponmurugan, Associate Professor, Department of Botany, Bharathiar University, Coimbatore 641 046, Tamil Nadu.

Email: drponmurugan@gmail.com, ponmurugan@buc.edu.in Phone: 0422 2428304 (Direct), Mobile : 91 98658 57816

Last date for the receipt of applications: 5 August 2018
Selected participants will be informed by: 10 August 2018
Science Academies’ Refresher Course on Structural Geology, Tectonics, Thermodynamics and Metamorphic Petrology

at
Indian Institute of Technology (Indian School of Mines)
Dhanbad 826 004, Jharkhand
01–14 July 2018

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

Science Academies’ Refresher Course is being organized in Indian Institute of Technology (Indian School of Mines), Dhanbad. This course will be an added source of inspiration to the faculty members, research scholars, and undergraduate/postgraduate students. We hope that the refresher course for Earth Scientists will motivate young minds and inspire faculty members to engage themselves in active teaching and research. The key features of this Course are enlisted as follows:

Quantitative techniques to analyse tectonic problems and to develop three-dimensional models of different tectonic provinces.

Study material will be provided to all participants in the form of soft and/or hard copy.

35 Teachers/Research Scholars/Undergraduate and Postgraduate students will get an opportunity to participate in this course.

Applications are invited from teachers with experience in teaching undergraduate and postgraduate courses in Geology, Geophysics, or Earth Sciences in general. Research scholars and Post-graduate students may also apply for the course. Maximum 45 applications will be considered. Teachers who wish to participate in the Refresher Course may apply through proper channel with the following details: name, date of birth, gender, e-mail, official and residential addresses, telephone numbers, academic qualifications, courses taught, affiliation, positions held and tenure. It is also essential to submit a brief statement (between 250 and 500 words) as to why they think the Course will help to improve their classroom teaching of Geology/Geophysics/Earth Science.

Applications should be submitted ONLINE by clicking the following link:

http://web-japps.ias.ac.in:8080/Refreshcourse/GGRR.jsp

A print copy of the application forwarded by the Head of the Department/Center/Institute must also be sent by speed post so as to reach the Course Coordinator before 15 June 2018.

Alternatively applications may be sent with necessary personal details by email (mohantyspiitism.ac.in). Please note that selected outstation participants will be paid III A/c fare by the shortest route with local hospitality. The applications should be forwarded through the Head of the Department/Center/Institute. The details can also be found at IIT(ISM) website: www.iitism.ac.in

Course Director: Prof. Alok K. Gupta, FNA., FASc, FNASC, Adjunct Professor, Department of Applied Geology, Indian Institute of Technology (Indian School of Mines), Dhanbad 826 004, Jharkhand. Course Coordinators: Prof. S Mohanty, Professor, Department of Applied Geology, Indian Institute of Technology (Indian School of Mines), Dhanbad 826 004, Jharkhand. Email: mohantyspiitism.ac.in

Last date for receiving applications is 25 June 2018.

Selected participants will be intimated through email.