

Important Information

Xavier Research Foundation

Loyola Centre for Research & Development
St. Xavier's College Campus,
Navrangpura, Ahmedabad-380009.



The Xavier Research Foundation, St. Xavier's College Campus, Ahmedabad has planned a special research training program for 10 students studying in the Biological Sciences of M.Sc. Sem-I in various Universities in the Ahmedabad vicinity. These students will be selected for research training during the academic year September'14 – July'15. The program will be conducted outside of class hours at the Loyola Centre for Research and Development (LCRD), run by the foundation and will take the form of an AWARD.

- All students of the various fields of biosciences (botany, zoology, life sciences, biochemistry, biotechnology, microbiology, food and nutrition science etc.) who have started SEM-I in July 2014 are eligible to compete for the research awards.
- A total of 10 such awards are being sponsored by the Xavier Research Foundation for the year 2014-2015.
- The award is made up of two parts: i) a cash award of Rs. 1500/- and a certificate ii) a Gold Plated Silver Medal (value Rs.1000/-). The total value of the award is Rs.2500/-.
- All glass wares, chemicals, instrumentations for the research training will be provided by the Foundation.
- Conferring of the awards will take place at a specially organized function in July 2015 and presumes completion of the requirements of the research training.

Duties of the awardees

- Students chosen for the award are expected to be exemplary from the point of view of discipline and academics in their department.
- They will be expected to spend a minimum of 2–3hrs. on an average, from Mon. to Sat. at the research centre of the Xavier Research Foundation, St. Xavier's College Campus, before or after class hours.
- Each awardee will be assigned a project related to the continuing research thrusts of the research center.
- Training pertinent to motivating students (e.g. making research presentations, writing a thesis) to choose a research career as scientists will be imparted, and must be duly attended.
- Working on holidays and vacations when the center is open is expected.

Process for Selection

- An objective on-computer test on the research papers listed below in the brochure will be administered on Monday 15th Sept. '14 at 6.00pm at the Research Centre Computer Room. The test will last for 50 minutes. The Xerox of the research papers can be brought to the exam.
- 20 of the best performers will be invited to an interview and must come with a one page research proposal related to their area of interest. This should be a computer print-out of not more than 25 lines. The list and timing of the interview will be put up on the Research Centre notice board and our website: www.xrf.res.in
- A committee will interview the students and grade the proposals and other pertinent aspects of the candidates.
- Candidates are advised to bring all documents and certificates that can enhance their merit if selected for the interview (the list of students short-listed for the interview will be put up at LCRD on 16th Sept. 4.00 pm OR you can check on our website).
- The interview will be scheduled between 17th and 18th Sept., the announcement of the awards will be on 19th Sept. afternoon.
- The program for training begins immediately on announcement of the selected awardees. The first meeting of the awardees will take place on Saturday 20th September at 2.00 pm at the LCRD.

How to Apply

- **Duly filled in forms should be submitted with a registration fee of Rs. 250/- before 2.00 pm on Monday 15th September, 2014 at the reception desk of the Loyola Center for Research and Development (Research Centre).**
- **Appear for on-line test at Loyola Centre for Research and Development on 15th September 6.00 pm.**

Papers to be read for On-line Test

- The following two papers must be thoroughly read and understood. A master copy of the papers is available at the front desk of the Research Centre and photocopies can be purchased at the reception. Those wishing to read the article from the original journal may visit any library including the Research Centre library.

Paper I:

Mitochondrial gene replacement in primate offspring and embryonic stem cells

Masahito Tachibana, Michelle Sparman, Hathaitip Sritanaudomchai, Hong Ma, Lisa Clepper, Joy Woodward, Ying Li, Cathy Ramsey, Olena Kolotushkina & Shoukhrat Mitalipov

Nature (461): 367-372 September 2009

Paper II: A Molecular Clock for Malaria Parasites

Robert E. Ricklefs and Diana C. Outlaw

Science (329): 226-229 July 2010

Important Deadlines to be remembered

Last date for registration: 15th September 2014 at 2.00pm

Online exam date: 15th September 2014 at 6.00pm

Students short-listed for Interview: 16th September at 4.00pm

Dates for Interview: 17th, 18th Sept. between 4.00pm – 7.00pm

Dates for list of awardees: 19th Nov. Noon

Meeting of awardees: 20th Nov. at 2.00pm (Candidates selected for the training programme must report at the Research Centre on 20th Sept. at 2.00pm for the first meeting)