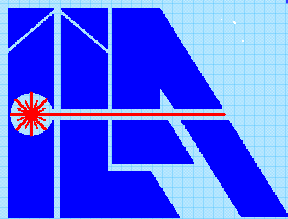


# Indian Laser Association



announces

**ESSAY COMPETITION**

**FOR**

**UNDERGRADUATE AND POSTGRADUATE STUDENTS**



**Excellent opportunity for undergraduate and postgraduate students to visit the state-of-the-art research facilities in the country's premier laser R&D Centre and win attractive cash prizes.**

**Separate prizes in Undergraduate and Postgraduate categories.**

**First prize Rs. 5000**

**Second prize Rs. 3000**

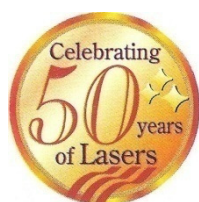
**Third prize Rs. 2000**

**5 consolation prizes of Rs. 1000 each.**

**Essay submission deadline : **October 31, 2010****

The LASER (Light Amplification by Stimulated Emission of Radiation) is one of the most remarkable inventions of the 20<sup>th</sup> century. The first man made laser, a ruby laser, was made operational on May 16, 1960 by Theodore Maiman. Since then, laser has found applications in all walks of human life encompassing industry, medicine, defense, and basic scientific research. Year 2010 being the 50<sup>th</sup> anniversary year of the invention of laser, the Indian Laser Association (ILA) is organizing an "Essay Competition" to commemorate the Golden Jubilee of the invention of laser. The details of the competition are given below:

1. The competition is open to all undergraduate or post graduate students studying in a recognized university / college in India.
2. The participant should not be more than 25 years of age as on Dec. 31, 2010 (i.e. The participant should be born after Dec. 31, 1985).
3. The topic should address any significant development in the field of lasers or its applications. The submitted essay should be an original contribution of the student, and the sources used for preparation of the essay should be listed separately.
4. The essay should be typewritten in English in A4 size paper using 12 pt. Times New Roman fonts, not exceeding 2500 words .
5. The participants should send along with their entries a letter from their Institute, authenticating their studentship. Entries sent without this will not be considered .
6. The essays will be evaluated by a Committee constituted by the Indian Laser Association on the basis of the content and style of presentation. The students whose essays are selected for award will be notified in writing. A list of all award winning students will also be put on the ILA website <http://www.ila.org.in>.
7. Awards will be given separately for undergraduate and postgraduate categories. In each category, the awards will comprise a certificate and the following cash prizes:  
First prize Rs. 5,000  
Second prize Rs. 3,000  
Third prize Rs. 2,000  
and five consolation prizes of Rs. 1,000 each.
8. The essays selected for prizes will be considered for publication in "KIRAN", the bulletin of the Indian Laser Association.
9. The winner of the top three prizes in each category will be invited to participate in the forthcoming DAE-BRNS National Laser Symposium (NLS-19) which will be held at RRCAT, Indore, during Dec. 1- 4, 2010. They will receive the prizes at a function to be held on Dec. 4, 2010. During their period of stay, they will also have an opportunity to visit the laser laboratories at RRCAT. The students coming to receive prizes will be reimbursed fares for to and fro journey by the shortest route by rail (sleeper class), and will be provided free lodging and boarding at RRCAT.
10. The essays should be submitted electronically as well as by post by October 31, 2010 to Dr. S. K. Majumder, General Secretary-II, ILA, at the addresses given below.



**Dr. S. K. Majumder**

**General Secretary II, Indian Laser Association**

**Laser Biomedical Applications & Instrumentation Division, RRCAT, Indore 452 013**

**E.mail : [sec\\_ila@ila.org.in](mailto:sec_ila@ila.org.in), [shkm@rrcat.gov.in](mailto:shkm@rrcat.gov.in)**

**Tel: 0731-248-8437, Fax: 0731-248-8425**