

Institutional Distinctiveness: Our college has vision:

“To impart high quality education in science to produce professionals of national and international repute.”

The college has undertaken the following steps to achieve this vision: Recipient of the Star College Award, our college has received grants for 9 consecutive years from DBT to Upgrade infrastructure, promote scientific temper, research culture and aptitude among students, institute organizes:

- **Workshops:** Two workshops were organized during the sessions to provide hands on training to the students given below:
 - a) College organized a state level workshop during Science Fiesta on the theme **“Communicating Science for All”** on 22-02-2019. Dr. Jaswinder Singh, Lecturer in Physics, (National awardee by DST and State awardee) and Prof. B.S. Sidhu, Ex HOD, Department of Physics of our parent college, were the Resource persons. All the students of the different colleges and schools attended this workshop.
 - b) A Workshop on **“Plant Tissue Culture”** by Department of Botany on 27-03-2019.
- **Eminent scientists** are invited to the institute to deliver lectures based upon their field of research in addition to general advanced topics by d Deptt. of Chemistry, Deptt. of Botany, Deptt. of Physics and Deptt. of Zoology. **Dr. S. S. Hundal**, Professor and Head, Deptt. of Zoology, Panjab Agricultural University, Ludhiana
Dr. Manjinder Singh, Associate Prof., Deptt. of Pharmaceutical Technology, (Process Chem.) NIPER, Mohali
Dr. Richa Puri, Professor, Department of Botany, Panjab University, Chandigarh.
- **A Lecture Series** on the theme **“Communicating Science for All”** during Science Fiesta was organized on 23-02-2019, where students get opportunities to interact with eminent scientists of their subject. **Prof. Susheel Mittal**, Senior Prof., Deptt. of Chemistry & Biochemistry, Thapar University, Patiala
Dr. Rajeev Kumar Sharma, Assistant Professor of Physics, PAU, Ludhiana
Dr. Archana Chauhan, Assistant Prof., Department Of Zoology, PU, Chandigarh were resource persons.
- **Interdisciplinary approach** to be adopted by all departments.
 - a) Our college organizes the two day mega event **Science Fiesta every year comprising of intercollege and interschool competitions** like: Essay Writing, Poster presentation (pre-prepared), Rangoli making Speech Competition, **workshop and Popular Lecture Series** for school and college students on 22&23-02-2019. The aim of organizing these programs is to spread awareness about role of science and technology in today’s world and to inculcate scientific aptitude among young students.
 - b) College organised a program on the topic **“Protection of Environment & Ozone Layer”** from September 13-15, 2018, sponsored by PPCB, Patiala. On **13th September, 2018**, intercollege **quiz contest**, on **14th September, 2018 poster presentation**, **Speech/PPT** competitions were held. On **15th September, 2018** one day Seminar was conducted. **Dr. Davinder Mehta, Professor, Dept. of Physics, Panjab University, Chandigarh** delivered a talk on **“The importance and protection of ozone layer.”** **The, Dr. S.S. Marwaha, Chairman PPCB** was the chief guest also give a talk on **“Environment and its Protection.”** and presided over the function.
- **Minor research projects** are allotted to students by all the departments to inculcate research aptitude in them and the college aims to continue its distinctive endeavours in this direction to achieve in some research and its applications in diverse fields of relevance and social utility.
- **Students are taken to research Labs/Universities** to interact with research scholars and to expose them to the nature of research being carried in these labs. During this session, students were taken to G.N.D. University, Amritsar, Pushpa Gujral, Science City, Kapurthala, Deptt. of Chemistry & Biochemistry Panjab University, Chandigarh.
- Teachers of Botany Department **organize field trips** to study the **Flora and fauna** of different habitat and Department of Zoology took students to Chhatbir Zoo to show them the variety of animals in their natural habitat.
- **Students are provided industrial training:** 17 Students of M.Sc. Chemistry along with one Assistant Professor Ms. Sonia Sharma attended 10 Days industrial training from January 8, 2019 to January 17, 2019 at NIPER, Mohali.
- Students are encouraged to **conduct departmental level seminars** for enhancing their analytical skills.

Laboratories are well equipped with sophisticated and latest instruments