

Objectives of Star College Scheme (the blank spaces shall be filled by the college):

- **To strengthen the academic and physical infrastructure for achieving excellence in teaching and training.**
 - To improve the infrastructure of science labs with adequate equipments and chemicals.
 - To upgrade existing classrooms with latest ICT tools
 - To promote interdisciplinary research by faculty and students of multiple departments, the outcome of which has direct application in improving academic output.

- **To enhance the quality of the learning and teaching process to stimulate original thinking through 'hands-on' exposure to experimental work and participation in summer schools.**
 - To develop scientific temperament in young students so that they use logical approach for problem solving.
 - Field visits, industrial trainings and summer schools will be carried out for the students to enhance their practical knowledge and applied competencies necessary for post lives.
 - To organize science lectures so as to bring students and renowned academicians from different field of science and technology on common platform so that students get chance to interact with them and get latest information which help them to choose better career in science.
 - To improve teaching learning process by taking feedback from students.
 - To organize science exhibitions and shows to enhance students knowledge and interest.

- **To promote networking and strengthen ties with neighboring institutions and other laboratories.**
 - To collaborate with various prestigious institutes, industries and eminent scientists to provide better exposure to faculty and students
 - To promote networking and strengthening ties with nearby schools and colleges by providing departmental resources.
 - Collaborations under this programme with other institute will provide excellent scientific platform for teachers and students

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- **To conduct specialized training programmes for faculty improvement for optimizing technical capabilities.**
 - To conduct activities such as FDP's, teacher training programmes, workshops, conference, seminars. lectures etc.
 - To provide exposure to the latest classroom teaching techniques, current progress in the field of science and technology.
- **To increase capabilities of core instrumentation resources by procuring new equipment and upgrading of existing facilities.**
 - To add latest instruments and to increase existing instruments (multiple copies), so that every student has easy access to them.
- **To provide access and exposure to students to research laboratories and industries in the country.**
 - To produce a pool of skilled and professionally competent and focused researchers by exposure to research labs and industries.
- **To help in devising standard curricula and Standard Operating Procedures (SOP's) / kits for practicals.**
 - To prepare easy and simplified protocols for already existing experiments mentioned in the syllabi and new practical proposed.
 - To prepare SOP's for the lab work involving hazardous and infectious materials and for instrumentation/equipment operation.
- **To provide better library facility to students and teachers.**
 - To update already existing library with new stock of books.
 - Considering the need of online education, departments are also aimed to reinforce the library with variety of e-resources such as e-journals, e-magzines, ebooks etc for easy accessibility for all.

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