

**Koyana education Society's
Patan
Balasaheb Desai College Patan**

DBT STAR COLLEGE SCHEME

DBT STAR College scheme started in the September 2022. There are 04 departments clubbed as two department under the scheme- they are department of Botany, Chemistry, Physics and Zoology. Various activities were planned under DBT STAR Scheme. It include demonstrations, hands-on practical, new practical introduced and handling of equipment.

Science Laboratories of Balasaheb Desai College Patan is strengthening continuously under the Star College Scheme grant by Department of Biotechnology- DBT. The Department of Science: Botany, Chemistry, Physics and Zoology actively will carry out the activities as per the guidelines and instructions. The activities include visits, exhibitions, projects, research projects, guest lectures, interdisciplinary activities, demonstration practical, skill development lectures for students and faculties.

Under the scheme all the departments purchased instruments, chemicals, charts, specimens, models and other materials required for carrying out the experiments. The departments planned seminars, conferences, workshops, science exhibition, competition. The students also participate in the event held by other colleges and DBT.

Eminent expertise from various fields of science and research are invited to share their knowledge with the students and faculties.

All the departments also visited renowned institutes like ICAR, IIUCA Dapoli Agriculture College etc. All the departments planned to organize International conference where resource person from different country will invited for talks and lectures. The students also will involve in short projects, posters and model making. The students whole heartedly participated in Science exhibition and displayed experiments.

In the scheme total FY to TY BSc students were the beneficiary and total 89 of FY BSc benefitted in DBT Star College scheme. There was growth in the enrolment of students in Science, higher percentage of students pursuing higher studies- PG. Cut off percentage taking admission in FYBSc also increased.

Future plans:

- **To increase the strength of the students at FY level.**
- **To increase the activities with regards to practical and interdepartmental activities for the students.**
- **Impart training and skill related to science research experiments.**