

### **Distinctiveness of the Institution 7.3.1**

Poojya Swami Ramanand Teerth established “Nanded Education Society” in 1950 for catalyzing educational revolution in backward region of Marathwada. N.E.S. Science College, a single faculty college of Nanded Education Society is one of the premier institution imparting quality educations to the students of this region since last 67 years. Swamiji in his vision of society emphasized the incorporation of spirit of enlightened and responsible citizenship in youth, essential for secular democratic India. The college is always poised to offer emerging contemporary education to the learners to fulfill the need of society as well as to meet global challenges.

This institution has been on the forefront in pursuit of academic excellence and has attended potential for excellence (CPE) status from UGC. The college is DST-FIST sponsored and recently awarded as BEST COLLEGE AWARD by Swami Ramanand Teerth Marathwada University, Nanded. The main objective and mission of college is overall development of students in all respect like academic, physical, mental, spiritual and moral to build up good citizen for the Republic of India. The college has lush green campus of 45 acres of land for curricular and co-curricular activities for stakeholders. The college offers 12 programmes at PG Level and 15 programs with 33-subject combinations at UG level. To keep pace with the advancement and diversification in the field of science and technology some applied subjects like integrated Computer Science, Biotechnology at UG, M.Sc. Biotechnology; and Herbal Medicine at PG level have been introduced. M.Sc. Statistics Course is introduced from academic year 2022-23. B. Voc. Degree Courses in Plant Tissue Culture Technology and Software Development and B. Voc. Diploma Courses in Clinical Sciences and Medical Lab Technology and Sports Nutrition and Physiotherapy are introduced in academic year 2022-2023.

The College has GREEN (Grass Roots Environmental Efforts Now) Policy as its heritage and it also has created proper system to preserve this glory. It has innovation ecosystem which provides the research ambience to the researchers. The college has strong and operational NSS, NCC, Career Guidance and Counseling units. The Sports Complex at our college has indoor hall, cricket running tracks of eight lines. The college has developed Bio-gas plant, Vermin culture, Fish Tank, Botanical gardens, Green house, Water Conservation Systems, Solar system. The college is privileged with the full-fledged quality staff. The effective teaching learning and evaluation process reflects in the bright result of the college with numerous meritorious students every year.

## **PROMOTION OF RESEARCH ACTIVITY:**

### Objectives

- To improve TL process by exploring new research frontiers in basic, applied sciences and interdisciplinary areas.
- The Context

Research in our institute has remained a prominent activity for a long time. The vision is excellence in science education through research and to inculcate innovative ideas among the students.

- The Practice

The research guides have guided numerous research scholars. Students' research-related projects offer cutting-edge tools for conducting multidisciplinary study. The institute sanctions study leave for Ph.D. work, provides financial help and necessary leave for presenting papers. The faculties have applied for research projects and patents. The institute hosts workshops, seminars, conferences, symposia, etc.

### **A. Researchers access-**

1. Laboratory facilities: central instrumentation lab, departmental research lab, instruments-FTIR, HPTLC, Chemicals, equipments, glass wares.
2. Software: MATLAB, MAPPLE, Mathematica, SERFER, IGPET, etc.
3. Library Facilities: databases, e-books, and e-journals through the institute library's internet connection.

### **B. Evidence of Success (Last five years)**

1. Recognized research centre in Physics, Chemistry, Botany, Zoology, Mathematics.
2. Major/Minor Research Projects completed and ongoing: 18
3. Ph.D. holders/Ongoing: 212 completed, 109 ongoing
4. Recognized research guides: 39
5. Research papers National/International (h-index, i 10 index, SCOPUS etc.): 334
6. Students attended Indian Science Congress: 400
7. Seismic observatory data is shared by Govt. of Maharashtra, LIGO India Project (GOI).
8. Research facility to outside students

### **C. Problems Encountered and Resources Required**

1. Insufficient financial assistance from the Government of India for research.