



Gokhale Education Society's

**Sir Dr. M.S. Gosavi College of  
Pharmaceutical Education & Research, Nashik.**

Prin. T. A. Kulkarni Vidynagar, Nashik - 422005. (M.S.), India



Affiliated to SPPU, Pune & MSBTE, Mumbai • Approved by PCI, New Delhi and DTE, Mumbai • Recognized by Govt. of Maharashtra

An ISO 9001:2015 Certified Institute

## **Key Indicator – 3.2**

### **Innovation Ecosystem**

#### **Metric No. 3.2.1**

**Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident**

#### **Link for Supporting Document:**

**<https://msgpharma.org/wp-content/uploads/2023/05/3.2.1.1-supporting-Data.pdf>**

The college is taking following initiatives for creation and transfer of knowledge:

The followings are the innovative practices are applied in regular teaching:

- Use of internet based demonstration, power point presentations and videos during regular classes. Use of simulated software's for animal based experiments in Pharmacology subject.
- Use of software's in regular teaching learning and research experimentation such as dissolution, optimization and use of Plagiarism X and Bio-render creation software by post graduate students in research article publication.
- Teachers have prepared their Google classroom which facilitates teacher student interaction along with online distribution of notes and communication of assignments.

**Infrastructure:** The college continuously upgrades infrastructure facilities and the laboratories are well equipped with sophisticated instruments like HPLC, IR Spectrophotometer, UV-Vis. Spectrophotometer, Dissolution Apparatus, Fluidised bed processor, Hot melt extrusion, tablet compression machine, Brookfield viscometer, Rotary Evaporator, Flame photometer, etc. The college also has CPCSEA approved animal house.

**Academic Research Cell:** The college research committee is dedicated to promote and support research activities involving activities like research coordination, project management, collaborations, research training, and mentorship and research publications.

**IPR cell & ED cell:** College has created IPR & ED cell which looks after managing and promoting intellectual property-related matters and awareness about entrepreneurship. Students and faculties have published two patents of their innovative ideas.

**Organizing/Attending of seminar/workshop/conference/FDP:** These are organised in the institute that provide platform to students and faculty to interact with experts from industry and academicians. These events provide information about latest trends in the field of pharmaceutical research as well as upgrade the research knowledge.

**Guest lectures:** The institute is very proactive in conducting guest lectures and training programs with an aim to update the knowledge of the subject and impart research acumen in the students.

**Faculty training programmes:** Faculties are motivated to attend conferences, seminars, workshops; FDP's to acquire new knowledge and recent updates in the technology used for research. Faculties are provided with registration fees and travelling expenses to attend such programmes.

**Technical events:** The institute conducts technical events by conducting seminars/conferences and a poster presentation competition wherein students of different institutes present their research work.

**Industrial visits:** Industrial visits are organized for students & faculty giving them exposure to latest technology used in manufacturing, quality control of pharmaceuticals, and research trends in pharmaceutical industry.

**Language laboratory facility** in the college language English efficiency and soft skill development.

The output of any research activity is its **publications** in journals of repute. College provides articles processing fees to students and faculties to publish their research.

Faculties have presented their research work in conferences held in countries like Spain, Japan, South Africa, Mauritius, etc. college provides financial assistance to attend such conferences abroad.

College has signed **MOU** with industry/institute to promote research culture in the college and exchange of knowledge.

Faculties are encouraged for **Ph. D registration**. Faculties are allowed to use the college's machine room, instrumentation facilities and animal house for their PhD dissertation work.