



Gokhale Education Society's  
**HPT Arts and RYK Science College, Nashik**

**Institutional Development Plan  
(IDP)**

**2024-2030**

**Summary Draft**

### **Academic Programmes:**

At present twenty-two departments (eleven arts and eleven science) are offering Under Graduate (UG) Programmes and among them sixteen departments (ten arts and six science) are offering Post Graduate (PG) programmes. Seven research centers are offering Ph.D. degree. Permission for 2 new Research centers have been received. The College proposes following academic programs in next five years.

- 1) M.A. in Sanskrit
- 2) M.Sc. in Biotechnology
- 3) M.Sc. in Electronics
- 4) M.Sc. in Mathematics
- 5) M.Sc. in Statistics
- 6) Ph.D. in Zoology
- 7) Ph.D. in Biotechnology
- 8) M.Sc. Chemistry- Inorganic Chemistry
- 9) B.Sc. in AI & ML

#### **New Subjects**

- 1) Philosophy
- 2) Artificial Intelligence
- 3) Liberal Arts
- 4) Dramatics

### **Certificate Courses:**

Since 1990 our college is conducting Certificate courses/Add-on Courses. In the upcoming tenure of the next five years the College is planning to start the new certificate courses as follows:

<b>Department</b>	<b>Name of the course</b>	<b>Duration</b>	<b>Eligibility</b>
Botany	Certificate in Millet farming	3 months	Class 10 or 18 years of age
Zoology	Certificate in Beekeeping	3 months	Class 10 or 18 years of age
Psychology	Certificate in Child Psychology	6 months	10+2
Psychology	Certificate in Clinical Psychology	6 months	10+2 ((science stream)
Geography	PG Certificate in Geoinformatics	6 months	UG
Chemistry	Certificate in laboratory techniques	6 months	10+2 (science stream)

Sanskrit	Certificate Course in Manuscriptology	6 months	12 Passed
History	Certificate Course in Modi Script	3 months	Class 10 or 18 years of age
Political Science	Certificate Course in Psephology	6 months	12 Passed
Journalism	Certificate Course in Digital Literacy	3 months	Class 10 or 18 years of age

### Vocational Courses

The college offers vocational courses for arts stream such as Functional English and Tourism - Travel Management. The proposed vocational courses for the next five years are as follows

Department	Name of the course	Duration	Eligibility
Electronics or Physics	Electroplating	1 Year	10+2 (science stream)
Physics	Solar Energy Technician	1 Year	10+2 (science stream)
Library	Data Referencing / Referencing softwares		UG/PG/Research student
Biotechnology	Food Preservation	6 months	Class 10 or 18 years of age
English	Script writing	1 Year	10+2
Journalism	Video Production	6 months	12 Passed
Journalism	Radio Jockey	3 Months	10 Passed
Journalism	Crafting Content for Multimedia	6 Months	12 Passed

### Extra Credit Courses

As per the syllabus of NEP we are conducting extra credit courses in different arts and science departments. In the forthcoming years we are planning to introduce a greater number of options in the credit courses.

Credit	Name of the Department	Add on / Certificate programme
2	Botany	Specimen collection
2	Biotechnology	Industrial Biotechnology
2	Chemistry	Soil and Water analysis
2	Chemistry	Computational Chemistry
2	English	Review writing/ Manuscript preparation
2	Journalism	Crafting Content for Multimedia
2	Sanskrit	Introduction to Vedas
2	Sanskrit	Temple Architecture

### Infrastructure:

The College proposes to expand infrastructure in the next five years to meet the academic and administrative needs. It would like to propose following plan of expansion or new establishments.

- Expansion of Solar system / Solar power cell
- Expansion of Centralized Instrumentation Laboratory
- Expansion of Counselling Cell
- Updation of AV Studio
- Updation of Auditoriums
- Updation of Language and Media Lab

- Landscaping and beautification of Shramachintan Garden
- Establishment of Compost manure plant
- Establishment of Tissue Culture Laboratory
- Establishing Data Processing Unit
- Building College Guest House

### **Human Resources:**

To develop and inculcate Human relation skills, technical skills and Conceptual skills among the present staff members and newly appointed staff members we have the following plans ready for the upcoming five years.

- 1) Arranging soft skills training programs/ workshops. (Such as – Assertiveness, Etiquettes, Punctuality, EQ, Leadership skills, Creativity, Psychological ownerships, stress bearer etc.).
- 2) Enhancing Staff- Student engagement activity.
- 3) Developing Digital educational training and increasing Digital Literacy and Dexterity
- 4) To practice psychological ownership at the departmental level.
- 5) Preference should be given to the inhouse faculties respective to their expertise.
- 6) Considering the contribution/ achievement of the staff member he/she should be acknowledged within 48 hours.

### **Networking and Collaboration:**

In order to achieve the above objectives, the planning is done for the next five years in the following different ways as shown in the

- 1) Increasing the number of recruiters
- 2) Increasing the number of linkages and MoUs
- 3) Building strong Industry - Academia Interaction
- 4) Dual/Joint Degree Programme
- 5) Increasing the number Preplacement Workshops

### **Research and Extension**

- 1) Encourage staff and research students for undertaking research projects
- 2) Encourage staff and research students for undertaking research publication
- 3) Energizing creation of patent and other IPR through IPR cell
- 4) Establishing Incubation Cell

### **Finance & Resources Mobilization:**

The College proposes to built funds through following resources

- 1) Self-financed Courses
- 2) Inviting donations from well-wishers/alumni
- 3) Taking help from alumni in infrastructure development in kinds/consultancy
- 4) Offering professional services and consultancies
- 5) decrease expenditure through resource pooling
- 6) applying for various govt. grants

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### **Short Term Goals:**

1. To fill up the vacant faculty positions
2. To enhance the knowledge competence of faculty by participating in various training programmes, FDP's, STTPs.
3. increase number of publications by faculty in reputed Journal/ Conference or Proceedings.
4. developing the college premises for dramatic performance/ musical concerts.
5. Development of smart classroom with smart board, video lecture recording and learning resources.
6. To conduct Green Audit, Environmental Audit, Energy Audit, Water Audit at regular interval.
7. Extension activities in local communities by adoption of village, schools and organizing community-oriented programmes (street plays, awareness programmes, counselling center)

### **Long Term Goals**

- Developing full-fledged Incubation Center till 2030
- Introducing Advanced Level Courses in Indian Knowledge System
- Establishing Multimedia Studio for Educational as well as Professional purposes
- Establishing Community Radio of Gokhale Education Society
- Fully Digitize College administration and library
- Developing Translation Center through associations with National Institutions
- Establishing Integrated Research Center for Science Stream

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