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**K.J.E.I's Trinity College  
of Arts, Commerce and Science**

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References

**(1) Prof. Avinash Takawale**  
Principal, KJEL's Trinity College of Arts,  
Commerce & Science, Pune

**(2) Prof. Rajashree Patwardhan**  
Vice-Principal, H. V. Desai College, Pune

**(3) Prof. Smita Zinjarde**  
Director, IBB, SPPU

**(4) Dr. Pramod Moghe**  
Rtd. Scientist, NCL

**(5) Prof. Girish R. Pathade**  
Dean, Krishna Institute of Allied Sciences,  
KVVDU, Karad

**(6) Dr. Arvind Deshmukh**  
President, Microbiologist Society of India

## **DR. PRANAY DILIP ABHANG**

**D.Sc.-Honorary (Environmental Biotechnology), Ph.D. (Environmental Science)  
M.Sc. (Biotechnology), M.Sc. (Environmental Science),  
MBA (Environment Management), and B.Sc. (Biotechnology), GATE, NET**

### **Present Designation:**

**Assistant Professor and HoD** at K.J.E.I's Trinity College of Arts, Commerce and Science, Pune, Maharashtra, India

### **Experience:**

Total **10 years** of teaching experience at

- Krishna Institute of Allied Sciences of Krishna Vishwa Vidyapeeth, Deemed To Be University, Karad 415539, Dist. Satara, as **Assistant Professor of Environmental Sciences** (for 14 months);
- Environmental Sciences Department of Dr. D. Y. Patil Unitech Society's Dr. D. Y. Patil Arts, Commerce & Science College, Pimpri, Pune 411018, as **Assistant Professor and Head** (for 18 months);
- Environmental Science Department of P.G.K.M's Haribhai V. Desai College (Arts, Science and Commerce), Pune 411002 as **Assistant Professor and Coordinator** (for 41 months); and
- Institute of Bioinformatics and Biotechnology, Savitribai Phule Pune University, Pune 411007, as **Teaching Associate/ Assistant Professor (Contractual)** (for 35 months).

### **Key Areas:**

Biotechnology, Environmental Sciences, Microbiology, Animal and Plant Tissue Culture, Molecular Biology, Ancient Indian Knowledge

### **Membership:**

- **Regional Coordinator** for Outreach Programs of IIRS-ISRO
- **Life Member** of Microbiologist Society, India
- **Member of the expert committee**, AECC course on UGC, New Delhi
- **Academic Advisory Committee Member** for water pollution division of CPCB
- **Editorial Board Member** SCIREA Journal of Environment
- **Reviewer** on TRANSSTELLAR Journal Publications and Research Consultancy

### **Research Experience:**

- Published **2 Indian patents**, **1 copyright**, **3 books** and more than **35 research papers** in various national and international peer reviewed journals
- **Oral/Paper presentation** in more than **20** national/international workshops, seminars, webinars and conferences
- Guided **more than 40 M.Sc.** students

### **Workshop and Conferences:**

- **Organized 7** state/national/international level workshops and conferences
- **Actively participated** in more than **40** national/international workshops, seminars, webinars and conferences

### **Technical Skills:**

- **Instruments handling** – Sequencer, PCR, HPLC, GC, Microscopes, Centrifuge, Lyophilizer, Air Sampler, etc. and other common laboratory equipments
- **Food techniques** – processing, preservation, packaging, components estimation
- **Audits** – Environmental audit, energy audit, water audit, green audit, etc.
- **Tissue culture techniques** – Maintaining and working with different types of animal cell lines, plant organ culturing, etc.
- **Molecular biology techniques** – DNA isolation, SDS-PAGE, Competence and Transformation of cells, PCR, AGE
- **Microbial techniques** – Cultivation, preservation, characterization of microbes
- **Environmental resources monitoring** – Air, water, soil, noise, etc. monitoring
- **Computational skills** – MS office, CorelDraw graphics, video making, internet  
Completed MS-CIT course

### **Award:**

About **9** International Awards, **7** National Awards, **7** Appreciation Awards in Environmental Sciences and Biotechnology

### **Miscellaneous:**

- Completed **4** refresher, **2** induction/orientation and **11** FDP courses.
- Syllabus restructuring member at Savitribai Phule Pune University
- Paper Setter and Paper Checker (CAP) at Savitribai Phule Pune University, New ACS College, Ahmednagar and Bharati Vedyapith, Pune
- Completed Certificate course in **Indian Knowledge System; Naturopathy; Exploring Conservation** series; **GIS Web Course** series