

Dr. Dnyanada Limaye (Ph.D)

Present position

- Assistant professor

Contact Details (Mention e-mail) – fergusson.edu or despune.org

 020-67656456

Work Experience

- Teaching: 1 years
- Research/Industrial: 07 years

Personal Profile

I have done Ph.D. in Nanoscience and Nanotechnology from Mumbai University in collaboration with NCIM, National Chemical Laboratory Pune.

Course(s) Taught (Only Titles)

1. Plant Sciences
2. Plant development
3. Genetics
4. Skills in agriculture industry

Field of Specialization/Areas of Interests

- Plant Sciences
- Plant tissue culture
- Plant biotechnology
- Nanotechnology

Education

- Ph.D. – (subject name): from 2016 to 2021.

- **Title of the Thesis:** Effect of metal and metal oxide nanomaterials at cellular and genomic level of multi drug resistant bacteria.
- **Name of University / Institution:** University of Mumbai
- **Year of Award:** 2021

- **Master of Science/Arts- (subject name):**
M.Sc. Biotechnology, year 2012
Modern College Ganeshkhind,Pune
SPPU

- **Bachelor of Science- (subject name):**
B.Sc. Biotechnology, Year 2010
Modern College Ganeshkhind,Pune
SPPU

Fellowship/Awards/ Certifications/Achievements/Recognitions

1. GATE 2013
2. GATE 2015

Research Publications in National and International Journals

- Khare T., **Desai D.**, Kumar V. (2012). Effect of MgCl₂ stress on germination, plant growth, chlorophyll content and lipid peroxidation in Sorghum cultivars. J. stress physiol. & biochem, vol 8 pp. 169-178.
- **Desai D.**, Khare T., Kumar V. (2012). Sulphate and chloride salinity induced effects on physiological and biochemical parameter of Sorghum. Int. J. biochem. & biotech. Vol-2, issue 10, pp.34-38.
- Kumar V., **Desai D.**, Shriram V. (2014). Hairy Root Induction in *Helicteres isora* L. and Production of Diosgenin in Hairy Roots. Natural Pro. & bio. Vol-4, issue-2, pp. 107-112.
- Mehetre, G. T., Vinodh, J. S., Burkul, B. B., **Desai, D.**, Santhakumari, B., Dharne, M. S., & Dastager, S. G. (2019). Bioactivities and molecular networking-based elucidation of metabolites of potent actinobacterial strains isolated from the Unkeshwar geothermal springs in India. RSC advances. Vol-9, issue-17, pp. 9850-9859.
- **Desai, D. G.**, Swarali, H., Navale, G. R., Prabhune, A., Late, D. J., Dharne, M. S., & Walke, P. S. (2020). Inhibition of Quorum Sensing, Motility and Biofilm Formation of *Pseudomonas aeruginosa* by Copper Oxide Nanostructures. Journal of Cluster Science, 1-11.

