CURRICULUM VITAE

Dr. Deepali

Assistant Professor, Department of Zoology

Bhakt Mata Karma Govt. Girls College Balod, (C.G.)

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Personal Details

Date of Birth:	: 10/01/1993
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Educational Qualification

Examination/ Degree	Subject	Board/University	Year	Grade/ Division
10th	-	CGBSE, Raipur	2008	1st
12th	Science	CGBSE, Raipur	2010	1st
B. Sc.	Biology	Pandit Ravishankar Shukla University, Raipur	2013	1st
M. Sc.	Biotechnology	Pandit Ravishankar Shukla University, Raipur	2015	1st
Ph. D.	Biotechnology	Pandit Ravishankar Shukla University, Raipur	2024	

Professional Experience

Position	Institution	Duration
Assistant Professor (Zoology)	Bhakt Mata Karma Govt. Girls College, Balod (C.G.)	May 2022-Present

Other Qualification

CG-SET, 2017 (Life Science)

CSIR- NET (LS), 2018 (Life Science)

DBT-JRF, 2018 (Biotechnology)

Publications:-

a. **Koreti, D**., Kosre, A., Jadhav, S.K. *et al.* (2022). A comprehensive review on oleaginous bacteria: an alternative source for biodiesel production. *Bioresour. Bioprocess.* **9**, 47. https://doi.org/10.1186/s40643-022-00527-1

b. **Koreti, D.,**Kosre, A., Kumar, A., & Chandrawanshi, N. K. (2022). Mushroom Bioactive Compounds: Potential Source for the Development of Antibacterial Nanoemulsion. In K. Ramalingam (Ed.), *Handbook of Research on Nanoemulsion Applications in Agriculture, Food, Health, and Biomedical Sciences* (pp. 213-235). IGI Global. https://doi.org/10.4018/978-1-7998-8378-4.ch010

c. **Koreti, D**., Kosre, A., Kumar, A., Jadhav, S.K., Chandrawanshi, N.K. (2022). Potential Application of Edible Mushrooms in Nutrition-Medical Sector and Baking Industries. In: Shukla, A.C. (eds) Applied Mycology. Fungal Biology. Springer, Cham. https://doi.org/10.1007/978-3-030-90649-8_10

d. Chouhan, P., **Koreti, D**., Kosre, A. et al. (2022). Production and Assessment of Stick-Shaped Spawns of Oyster Mushroom from Banana Leaf-Midribs. Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci. 92, 405–414. https://doi.org/10.1007/s40011-021-01327-x

e. Chandrawanshi, N. K., **Koreti, D.**, Kosre, A., &Mahish, P. K. (2022). Mushroom-Derived Bioactive-Based Nanoemulsion: Current Status and Challenges for Cancer Therapy. In K. Ramalingam (Ed.), Handbook of Research on Nanoemulsion Applications in Agriculture, Food, Health, and Biomedical Sciences (pp. 354-376). IGI Global. https://doi.org/10.4018/978-1-7998-8378-4.ch016

f. Kosre, A., **Koreti, D**., Chandrawanshi, N. K., & Kumar, A. (2022). Nanoemulsion Based on Mushroom Bioactive Compounds and Its Application in Food Preservation. In K. Ramalingam (Ed.), Handbook of Research on Nanoemulsion Applications in Agriculture, Food, Health, and Biomedical Sciences (pp. 425-447). IGI Global. https://doi.org/10.4018/978-1-7998-8378-4.ch019

g. Chandrawanshi, N. K., **Koreti, D**., Kosre, A., & Kumar, A. (2022). Proteolytic Enzymes Derived from a Macro Fungus and Their Industrial Application. Biochemistry. doi: 10.5772/intechopen.102385

h. Kosre, A., **Koreti, D**., Mahish, P.K. and Chandrawanshi, N.K. (2021). Current Perspective of Sustainable Utilization of Agro Waste and Biotransformation of Energy in Mushroom. In Energy (eds P. Singh, S. Singh, G. Kumar and P. Baweja). https://doi.org/10.1002/9781119741503.ch15

i. Tiwari, S., **Koreti, D**., Kosre, A., Mahish, P.K., Jadhav, S.K. and Chandrawanshi, N.K. (2021). Fungal Microbial Fuel Cells, an Opportunity for Energy Sources. In Energy (eds P. Singh, S. Singh, G. Kumar and P. Baweja). https://doi.org/10.1002/9781119741503.ch14

j. Khalkho, S,**Koreti, D**., Kosre, A., Jadhav,S.K., Chandrawanshi, N.K. (2021) Review on production technique and nutritional status of Calocybe indica (P&C). NewBioWorld A Journal of Alumni Association of Biotechnology, **3**(1):1-7.

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