

Alka Ekka

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Education Profile:

PhD Pursuing synopsis submitted entitled ---- **Production and characterization of exopolysaccharide by isolated microorganisms and their industrial applications**

- MSc (2004-2006) Percentage Masters in **Biotechnology** from Pt. Ravi Shankar University, Raipur
- BSc (2001-2004) Percentage Bachelor **Microbiology** from Guru Ghasidas Vishwavidyalaya, Bilaspur
- **Qualified UGC sponsored Chhattisgarh SET, 2006**

Professional Profile:

- **Lecture** (2007-2009) Department of Biotechnology, GGV, Bilaspur
- **Assistant Professor** (2009- Present) Department of Biotechnology, GGV, Bilaspur

Dissertation Guided to UG & PG student

MSc (06)

- Optimization of carbon and nitrogen sources on the production of exopolysaccharide (2012)
- Production of biofertilizer by food wastes (2012)
- Bioremediation of paper industry waste through mushroom (2012)
- Determination of polyhydroxybutyrate (PHB) by some microbes (2012)
- Isolation and Characterization of exopolysaccharide producing microorganisms and extraction of exopolysaccharides (2011)
- Isolation, fusion and culture of protoplast from mesophyll cells of *Solanum xanthocarpum* and *Magnifera indica* (2011)

B.Sc. (03)

- Study of bacterial diversity in industrial waste (2012)
- Isolation, characterization and extraction of biosurfactant from *Lactobacillus species* (2012)
- Isolation, characterization and extraction of exopolysaccharide from *Lactobacillus species* (2012)