

Vice-Chancellor, Professor B.A. Chopade
Patents

International :

1. *Acinetobacter* as a novel plant growth promoting rhizobacteria from wheat.
United States Patent (2008) 7341868
2. Bioemulsifier production by *Acinetobacter* spp from healthy human skin and has great importance in medicine
United States Patent (2004) 0138429

National :

1. Ghosh, S., More, P., Jagtap, S., Chopade, B. A. (2013). Synthesis of novel copper nanoparticles with alpha amylase inhibitory activity by *Dioscorea bulbifera* tuber extract.
Indian Patent (Filed) 3971/MUM/2013
2. Ghosh, S., Jagtap, S., More, P., Chopade, B. A. (2013) A process for synthesis of bimetallic Au/Ag nanoparticles by tuber extract of a medicinal plant called *Dioscorea bulbifera*.
Indian Patent (Filed) 3973/MUM/2013
3. Salunke, G., Ghosh, S., Chopade, B. A. (2014) Innovative process for synthesizing Au/Ag bimetallic nanoparticles synthesized from *Plumbago zeylanica*.
Indian Patent (Filed) 5/MUM/2014
4. Wadhvani S., Shedbalkar U., Singh R., Chopade BA. (2013) An improved method for synthesis of novel polyhedral gold nanoparticles using *Acinetobacter* sp.
Patent application number 3450/MUM2013
5. Professor Balu Ananda Chopade, Suchitra Vishal Mokashi (2013) Process for the preparation of syrup from Neera, a sweet sap obtained from palm tree particularly *Phoenix sylvestris*
Application no- 2262/MUM2013 Date of filing - 04/07/2013 Publication date - 19/07/2013
6. Professor Balu Ananda Chopade, Dr. Dhanaji Suryakant Gond, Samiksha Khade, Snehal Balu Chopade. A process for rapid biosynthesis of silver nanoparticles using seed extract of *Syzygium cumini* a medicinal plant. Application no - 1663/MUM/2014
Date of filing - 16/5/2014 Publication date - 30/5/2014
7. Professor Balu Ananda Chopade, Dr. Dhanaji Suryakant Gond, Snehal Balu Chopade. A rapid method for green synthesis of silver nanoparticles by using leaf extract of *Barleria pruriens*.
Application no - 2063/MUM/2014 Date of filing - 26/06/2014 Publication date - 18/07/2014