

## Brief CV Of Er.Lala Behari Sukla

### Description

At present Mr.Sukla is working as **CSIR-Emeritus Scientist** at CSIR-IMMT, Bhubaneswar after superannuation as Chief Scientist. He has more than 38 years of R&D experience in the area of Biomineral Processing, Environment Biotechnology, and Hydrometallurgy and has contributed over 160 papers in National & International Journals. He has published 2 books & 10 patents in the area of his expertise. Eight students have been awarded Ph.D degree under his guidance and supervision. He is also currently supervising several other students from different Universities for Ph.D in the area of bioleaching. He is also the **AcSIR Emeritus Professor**, guiding students registered under AcSIR. He has visited several Institutes like Higher Institute of Mining and Geology, Sofia, Bulgaria; Department of Metallurgy, National Technical University of Athens, Greece; Institute of Environmental Engineering, Polish Academy of Science, Poland and Stolberg Engineer Beratung GmbH Germany. Mr. Sukla is the recipient of several prestigious awards that include **Prof. S.R. Vyas Memorial Award** for the year 2010 by Association Of Microbiologists of India (AMI) towards his significant contribution for the Development of Microbiology in India, **IIME Mineral Beneficiation Award: Academic / R&D for the year 2009** for his outstanding professional contribution to Mineral Engineering and **Sita Ram Rungta Memorial Award – 2007** of the Society of Geoscientists and Allied Technologists (SGAT) for the year 2007 for outstanding work in the field of bio-mineral processing. Mr.Sukla is the editorial board member of **the World Environment journal** (Scientific & Academic Publishing) and **International Journal of Nonferrous Metallurgy (IJNM)**. More detailed achievements of Er. Sukla can be accessed from the website: <http://www.lbsukla.com>.

### Recent Publications:

1. Extraction and characterization of biocompatible hydroxyapatite from fresh water fish scales for tissue engineering scaffold. N Panda, K Pramanik and **L.B.Sukla** Bioprocess and Biosystems Engineering 37(3) 2014 433-440
2. Microalga Scenedesmus sp.: APotential Low Cost Green Machinery for Silver Nanoparticle Synthesis. J.Jena, N.Pradhan, R.R.Nayak, B.P.Das, **L.B. Sukla**, P.K.Panda. Journal of Microbiology and Biotechnology. 24(4) 2014 522-533
3. Biogenic synthesis of floral-shaped gold nanoparticles using a novel strain Talaromyces flavus E.Priyadarshini, N.Pradhan, **L.B.Sukla**, P.K.Panda, B.K.Mishra Annals of Microbiology 64 2014 1055-1063
4. Inhibition of pathogenic bacterial biofilm by biosurfactant produced by Lysinibacillus fusiformis S9. A.K.Pradhan, N.Pradhan, **L.B.Sukla**, P.K.Panda, B.K.Mishra Bioprocess and Biosystems Engineering. 37(2) 2014 139-149
5. Effect of dissimilatory Fe(III) reducers on bio-reduction and nickel–cobalt recovery from Sukinda chromite-overburden, Jacintha Esther, Sandeep Panda,

- Sunil K. Behera, **Lala B. Sukla**, Nilotpala Pradhan and Barada K. Mishra, *Bioresource Technology* (2013) 146, 762-766.
6. Two step meso-acidophilic bioleaching of chalcopyrite containing ball mill spillage and removal of the surface passivation layer. S. Panda, P.K. Parhi, B.D. Nayak, N. Pradhan, U.B. Mohapatra, **L.B. Sukla**, *Bioresource Technology* (2013) 130, , 332–338.
  7. Extraction of nickel by microbial reduction of lateritic chromite overburden of Sukinda, India, S. K. Behera, S.K.Panda, N. Pradhan, **L. B. Sukla** and B.K. Mishra, *Bioresource Technology* (2012), 125, 17-22.
  8. Insights into heap bioleaching of low grade chalcopyrite ores -A pilot scale study, S. Panda, K. Sanjay, L.B. Sukla, N. Pradhan, T. Subbaiah, B.K. Mishra, M.S.R. Prasad, S.K. Ray, *Hydrometallurgy* (2012) 125-126, 157-165.
  9. Manganese Biomining: A Review, A.P. Das, **L.B. Sukla**, N. Pradhan, S. Nayak, *Bioresources Technology*, (2011)
  10. Differential bioleaching of copper by mesophilic and moderately thermophilic consortium enriched from same copper mine water sample, N.P. Marhual, N. Pradhan, R. N. Kar, **L. B. Sukla** and B. K. Mishra (2008), 99 (17), 8331-8336