

ABHILASH

Objective

TO EXCEL IN THE UPFRONTS OF THE PROGRESSING WORLD OF SCIENCE AND TECHNOLOGY FOR ACQUIRING IMMENSE KNOWLEDGE TO PERTAIN THE IDENTITY OF SUCCESS.

Professional experience

- ❖ Working as "**Scientist**" at **N.M.L (CSIR) Jamshedpur-831007**
- ❖ Worked for 3 years as "**Sr. Project Assistant/Research Scholar**" at **N.M.L (CSIR) Jamshedpur-831007**
- ❖ Worked as "**Lecturer**", DEPT. OF BIOTECHNOLOGY AT **S.R.N ADARSH COLLEGE, BANGALORE, KARNATAKA**

Educational qualifications

- ❖ PURSUING **PhD (Engg.)** in area of "**Biohydrometallurgy of Uranium Ores**" from **Department of Biochemical Engineering, Jadavpur University, Kolkata**
- ❖ PASSED **M.Sc (Biotechnology)** from **P.E.S INSTITUTE OF APPLIED SCIENCES, BANGALORE-50 [Sept. 2001 – Aug.2003]**
M.Sc(aggregate) Result: 75.50 % (Bangalore University)
- ❖ PASSED **B.Sc (Chemistry, Zoology, and Microbiology)** from **Shri Shivaji Education Society Amravati's Science College, Nagpur-440003 [May 1998 - June 2001]**
B.Sc(aggregate) Result: 75.33% (Nagpur University)
- ❖ **PASSED XII FROM ATOMIC ENERGY CENTRAL SCHOOL, JADUGUDA, JHARKHAND-832102** during **May 1998.**
Result: 75% (C.B.S.E Board, New Delhi)

IT Knowledge

- ❖ Adjudged with proficiency in **GWBASIC, DBASE, DOS, MS-OFFICE, HTML** BY **D.P.S Eastern Pvt. Ltd., JAMSHEDPUR, JHARKHAND, FOR A THREE YEAR FULL TIME COURSE, 1995-97.**

Subject Expertise

- ❖ Microbial isolation and characterization knowledge for bioleaching process
- ❖ Operation & working knowledge of Batch & Continuous Bioreactor
- ❖ Hydrometallurgy and Biohydrometallurgy of ores ,tailings, concentrates, wastes
- ❖ Major Role in Operation of India's First Ever 2ton column bioleaching of uranium ore
- ❖ Biosynthesis of iron-based nanoparticles from waste solutions
- ❖ Biosorption of heavy metals from effluents/industrial streams
- ❖ Bioremediation of metals from overburden deposits/dumps
- ❖ Biobeneficiation of low grade/impure ores for physical processing

Language Expertise

- ❖ **READ, SPEAK & WRITE:** English, Hindi, Malayalam
- ❖ **SPEAK:** Bengali, Kannada, Marathi, Telugu, Tamil

Memberships of Professional Bodies

- ❖ Life Member – Indian Institute of Mineral Engineers
- ❖ Life Member - Indian Institute of Metals
- ❖ Life Member – Association of Microbiologists, India
- ❖ Life Member – Indian Nuclear Society
- ❖ Member –Society of Industrial Microbiology, U.S.

Publications & Papers Presented

- ❖ Publications – 20
- ❖ Paper Presented – 13

Awards & Citations Received

- ❖ **"Mishra Award"** for best paper in the area of *Extractive Metallurgy* at IIME's MPT-2006 ,Chennai, 8-10th March 2006.
- ❖ **"Mishra Award"** for best paper in the area of *Extractive Metallurgy* at IIME's MPT-2007,Mumbai, 22-24th February 2007.

Country(s) Visited

- ❖ Invited to present paper in the area of *Bioleaching of Copper Ores* on the occasion of *Silver Jubilee of Central Metallurgical Research and Development Institute (CMDRI), Egypt* in a conference "Minerals to Materials-M2M 08" from 15th to 18th December 2008.

Students Guided/Training Imparted

- ❖ **M.Sc/M.Tech Dissertation- 3 Nos.(+ 3 engaged)**
- ❖ **Summer Training – 5 Nos.**

Personal Details

- ❖ **DATE OF BIRTH :** 14th January 1981
- ❖ **MARTIAL STATUS :** Married **RELIGION:** Hindu
- ❖ **PERMANENT ADDRESS:** C/O SMT. SUDHA PILLAI, CR&D DEPT., U.C.I.L, P.O. JADUGUDA MINES, SINGHBHUM (E), JHARKHAND-832102.

Referees

- ❖ **DR. B.D. PANDEY**, Sr. Dy. Director & Head (HRG), National Metallurgical Laboratory (N.M.L-CSIR), JAMSHEDPUR-831007{JHARKHAND}.
- ❖ **MR. L.B.SUKLA**, Sr. Dy. Director & Head [BIOMINERALS DEPT.], Institute of Minerals and Materials Technology (I.M.M.T-C.S.I.R), BHUBANESHWAR-751013{ORISSA}.
- ❖ **DR.N.P.H.PADHMANABHAN**, Scientific Officer-H and Head, Ore Dressing Group, Atomic Minerals Directorate For Exploration And Research (BARC), HYDERABAD-17{A.P}
- ❖ **DR.V.M.PANDEY**, Ex-GM (CR&D DEPT., UCIL-JADUGUDA) AND HEAD (MTC-NARWAPAHAR), UCIL, JADUGUDA, SINGHBHUM (E), JHARKHAND- 832102