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| **Atun Roy Choudhury**  **+91-8838092641**  [**atnroy10@gmail.com**](mailto:atnroy10@gmail.com) **Hyderabad, India 500017** | |
| LINKS [LinkedIn](https://www.linkedin.com/in/dr-atun-roy-choudhury-a64a3b116/?originalSubdomain=in) SKILLSConstruction ManagementAccomplished IMS Internal AuditorCertified Six Sigma Green Belt ProfessionalExcellent Managerial TechniquesProject Manager SupervisionAbility to adapt to changing circumstances and navigate uncertainty and ambiguityProject Management Tools Microsoft Office (Word, Excel, and Power Point) and AHPMarketing and Business DevelopmentLiasoning and TenderingLANGUAGESEnglishBilingual or Proficient (C2)HindiBilingual or Proficient (C2)BengaliBilingual or Proficient (C2)LINKS [Google Scholar](https://scholar.google.co.in/citations?user=rC03XGAAAAAJ&hl=en)  **AFFILIATIONS**  **Member**: American Academy of Environmental Engineers and Scientists  **Member**: International Water Association  **Member**: National Environmental Science Academy  **ADDITIONAL INFORMATION**   * A gold medalist from the AIU, UGC. * Awarded multiple prestigious recognitions for contribution to science and innovation. * Achieved a World Record in Innovation * Featured in the Oxford World Book of Researchers * Secured a Patent Publication.   **TECHNICAL WRITING**   * Proficient in writing technical documentation, such as user manuals, product specifications, and technical reports * Skilled in breaking down complex information into clear, concise language for a variety of audiences * Authored more than a cumulative count of 50 journal and magazine articles, book chapters, and books. | PROFESSIONAL SUMMARY |
| Versatile Veteran Professional specializing in Environmental Engineering (ISWM| TSDFs| CBMWTFs| FSTPs| STPs| C&D| Biomining) and skilled at planning, implementing and overseeing key improvements to drive business growth and efficiency. I excel at regulatory compliance, business development, data analysis, and fostering a positive work environment that promotes innovation and continuous learning. Pursuing new professional challenges with a growth-oriented company. |
| WORK EXPERIENCENovember 2022 – April 2022: Sr. Manager May 2022 – Current  **Asst. General Manager**, Cube Bio Energy Pvt. Ltd., Hyderabad   * **Project Management & Process Innovation:**   + Managed large-scale Biomining and ISWM projects.   + Enhanced efficiency through operational improvements. * **Technical Expertise:**   + Proficient in CAD designs, BOQs, and P&L statements   + Skilled in implementing and monitoring safety protocols and standards. * **Business Development & Liaison:**   + Strong stakeholder management with government and private parties.   + Experienced in liaisoning and handling e-tendering processes.   + Streamlined processes for quicker and reduced turnaround. * **Revenue Optimization & Efficiency:**   + Expedited receivables and improved cash flow.   + Identified and implemented cost-saving measures. * **Operational Leadership & Team Management:**   + Developed business plans and led onsite training.   + Enhanced team productivity and organizational efficiency. * **Strategic Procurement & Negotiation:**   + Expertise in e-procurement, reverse bidding, and negotiations.   **List of projects handling:**   * Telangana Biomining project- 20 lakh MT legacy waste spread across 30 municipalities * Adityapur ISWM project- 350 TPD integrated solid waste management project * Phusro ISWM project- 35 TPD integrated solid waste management project * Madhupur ISWM project- 20 TPD integrated solid waste management project * Strategy for expansion of business with a target of handling 1000+ tons per day in the next year   March 2022 - October 2022  **Head- Technical & Planning**, Eco India Projects Pvt. Ltd., Hyderabad   * Project Liasoning, Licensing, Design, BOQ preparation, Erection, Commissioning, and O&M of massive Biomining projects. * Worked flexible hours across night, weekend, and holiday shifts. * Acted as a team leader in group projects, delegating tasks and providing feedback. * Applied effective time management techniques to meet tight deadlines. * Resolved problems, improved operations, and provided exceptional service.   **List of handled projects:**   * Legacy waste biomining at Telangana: 12 lakh MT across 20 locations * Legacy waste biomining at Kurnool: 1.5 lakh MT * Legacy waste biomining at Nellore: 8 lakh MT * Legacy waste biomining at Tenali: 1.04 lakh MT * Legacy waste biomining at Tenali Proddatur: 0.78 lakh MT * Legacy waste biomining at Tenali Eluru: 0.65 lakh MT   July 2020 - February 2022  **Manager**, Banka Bio Limited, Hyderabad   * Set up new Faecal sludge treatment plants and laboratory, enhanced offerings, and looked after R&D and operation of FSTPs. * Developed and maintained relationships with suppliers, enhanced credit period and reduced purchase costs significantly. * Accomplished multiple (i.e. obtain consent from PCB, design fecal sludge treatment plants, obtain COD, and look after the O&M) tasks within established timeframes. * Improved safety procedures to create safe working conditions for workers through rigorous audits. * Improved marketing to attract new customers and promote business. * Streamlined and monitored quality programs to alleviate overdue compliance activities.   **List of handled projects:**   * Design, Execution, and Operation of Packaged FSTPs: 10 locations across Telangana * Liaisoned with HMWSSB to secure two FSTP projects: Injapur and Nagaram * Design, Execution, and Operation of Packaged FSTPs: Rajam and Bobbili in Andhra Pradesh   June 2018 - June 2020  **Scientific Officer**, Ramky Enviro Engineers Ltd., Hyderabad   * Demonstrated creativity and resourcefulness through the development of innovative waste management solutions. * Acted as a team leader in group projects and delegated tasks. * Proficiently developed SOPs, Manuals, Audit Checklists, and Work Instructions. * Strengthened environmental and operational safety of waste management facilities through hazard identification and elimination.   December 2017 - May 2018  **Jr. Executive**, IL&FS Environment, Hyderabad   * Conducted optimization experiments related to bulk drug industry wastewater treatment processes, analyzed the results, and optimized unit operations for improved efficiency. * Provided technical support for setting up the treatment plant and performing safety audits on a regular basis.   **EDUCATION**  **Ph.D.**, Environmental Biotechnology (Direct viva approval)  **BITS Pilani Hyderabad Campus**  **M.E.**, Environmental Engineering  **Annamalai University**, Chidambaram  CGPA: 9.0 (Distinction with Gold Medal)  **B.E.**, Civil Engineering  **Annamalai University**, Chidambaram  CGPA: 8.88  **ACCOMPLISHMENTS**   * Successfully concluded about 5 lakhs MT of Biomining so far. * Successfully handling 500+ tons of fresh MSW projects daily. * Successfully handled 100+ KLD fecal sludge treatment daily. * Led a team in the design and recovery of salts, alternate fuels, processed aggregates, and disinfectants from different waste streams. * Conducted environmental impact assessment and clearance for various waste management projects. * Developed and implemented a sustainable waste management system for a large ISWM, MRF, DRCC, TSDF, and Biomining plant, resulting in a reduction in waste generation, landfilling, and cost savings. * Developed and implemented an environmental management system for Cube Bio, resulting in ISO 14001, 45001, and 9001 certifications and improved environmental performance. * Serving as the Editor and Reviewer of many Internationally Reputed Journals.   **CERTIFICATIONS**   * IMS and Lead Auditor (ISO 9001, 14001, and 45001 (Lead)) * Six Sigma Green Belt * Certificate Course on Waste-to-Energy Conversion * Certificate Course on Integrated Solid Waste Management * The International English Language Testing System (IELTS) * Certificate Course on Environmental Law & Policy * Certificate Course on Water Supply and Sanitation Policy in Developing Countries * Certificate Course on Municipal Solid Waste Management in Developing Countries * Certificate Course on Introduction to Public Health Engineering in Humanitarian Contexts |