



Laxmikanta Nanda
Earth Sciences
Indian Institute of Technology Bombay
Specialization: Geoexploration

203060003
M.Tech.
Gender: Male
DOB: 21-03-1997

Examination	University	Institute	Year	CPI / %
Post Graduation	IIT Bombay	IIT Bombay	2022	8.22
Post Graduation	KBC NORTH MAHARASHTRA UNIVERSITY, Jalgaon	Kavayitri Bahinabai Chaudhary North Maharashtra University	2020	9.71
Post Graduation Specialization: Applied Geology				
Graduation	Utkal University	Stewart Science College, Cuttack	2018	72.67%
Graduation Specialization: Geology				
Intermediate	Council Of Higher Secondary Education, Odisha	Salipur Jr. College, Salipur	2014	79.67%
Matriculation	Board of Secondary Education, Odisha	Khandayat Patkira High school	2012	87.67%

SCHOLASTIC ACHIEVEMENTS

- ❖ M.Sc. topper in Applied Geology at University level (Gold Medalist). [2020]
- ❖ Secured 92% in chemistry in CHSE 12th Board exam.
- ❖ Secured full mark in mathematics (100/100) in class 10th Board of Secondary Education, Odisha and be among 5 full mark securing students of that year in math in BSE, Odisha. [2012]
- ❖ Secured 45th rank in OSSTA talent search examination among top 100 students in 9th class.
- ❖ Selected in NMMS (National Means-Cum- Merit Scholarship) examination in 8th class.
- ❖ Secured 5th rank in NRTS (National Rural Talent Scholarship Examination) in high school career.

PROFESSIONAL EXPERIENCES

e- Summer Internship [July-2021] DGH, Ministry of Petroleum & Natural Gas, Govt. of India Mentor- Mr. Abhiram Deo Sharma	▪ Trained about overview of Indian Sedimentary Basins, exploration geophysics, well logging and Petro-physics, development Geology, hydrocarbon estimates and Petroleum system Modelling ▪ Also gave presentation, did assignment and provided group report on “Integration of Geoscience Data Through Mapping and Modelling”
45 days summer internship at Petroleum Engineers Association	▪ Trained about well logging, formation evaluation, enhanced oil recovery & unconventional hydrocarbon
e- Training Program [23.07.2020- 25.07.2020] Geological Survey of India Training Institute, Hyderabad	▪ Fundamentals of Mineral Prospecting and Exploration
e-Training Program [04.08.2020- 06.08.2020] Geological Survey of India Training Institute, Hyderabad	▪ Fundamentals of Aero geophysical Survey
IMPRESS-2020 (Inspiring the Minds of Post-graduates for Research in Earth and Space Sciences) [03-06 Feb]	▪ Trained about research motivation talks, plenary lectures, seminars and laboratory sessions related to research activities in Geomagnetism and allied areas of Geophysics, Atmospheric & space physics and Plasma Physics
Indian Institute of Remote Sensing [08.04.2019- 15.04.2019]	▪ RS AND GIS APPLICATIONS IN WATERSHED MANAGEMENT
One week e-course in KBCNMU, JALGAON	▪ “Watershed Management” [12-18 MAY, 2020]
Teaching Assistantship in M.Tech.	▪ Guide- Dr. S. Mukherjee, Dr. Gajananrao N Jadhav

ACADEMIC PROJECTS

- ❖ M. Tech Project | **"Tectonics of Krishna-Godavari Basin"** [Ongoing]
Guide- *Dr. Soumyajit Mukherjee, Professor, Department of Earth Sciences, IIT BOMBAY*
- ❖ M. Tech. credit seminar | **"Indian Cretaceous Sediments in Hydrocarbon System"**
Guide- *Dr. Jahnavi Punekar, Assistant Professor, IIT BOMBAY*
- ❖ M.Sc. Project | **"Seasonal Changes in Suspended Particulate Matter from The Continental Shelf of India"**
Guide- *Dr. Pratima M Kessarkar, Principal Scientist, CSIR-National Institute of Oceanography, Goa [2019]*
 - Study of seasonal variation in Suspended Particulate Matter (SPM) concentration along with grain size in water column from Mangalore to Tuticorin and also studied the variation in laser transmission due to concentration change of SPM in water column from that continental shelf of India.

MAJOR GEOLOGICAL FIELD WORKS

- ❖ M.Sc. 2nd year fieldwork to **Rampura Agucha Mines of Bhilwara, Vindhyan basin of Chittorgarh, Great Boundary Fault to observe deformation style i.e. ductile shear zone & Cataclasite, Udaipur.** [2019]
Mentor- *Dr. Sanjay Narayan Patil, Professor, HOD of Applied Geology, KBCNMU, Jalgaon, Maharashtra*
- ❖ M.Sc. 1st year fieldwork to **Padmalaya for basaltic lava flow mapping and Chopda tahasil for groundwater exploration with help of Resistivity meter in Maharashtra.** Mentor- *Dr. Sanjay Narayan Patil*
- ❖ Graduation fieldwork to **Keonjhar, Odisha for mapping and BIF in Bonai-Keonjhar belt.**
Mentor- *Mr. Rashmi Ranjan Behera, Lecturer*

POSITION OF RESPONSIBILITIES

- ❖ **Student Companion | Institute Student Companionship Program (ISCP), IIT BOMBAY** [2020-2021]
 - Received training from the student wellness center and gender cell for better mentoring.
 - Mentoring a group of 6 students during their online admission process and help them in non-academic along with academic issues.
 - Helped Department Coordinator in compiling and developing the department's ISCP handbook.
- ❖ Worked as Organizing Committee member at **WORLD OZONE DAY-16th September 2019** in School of Environmental and Earth Sciences, KBCNMU, JALGAON, MAHARASHTRA.

MEMBERSHIP

- ❖ Student member at AIPG (American Institute of Professional Geologist)
- ❖ Student member at SPE (Society of Petroleum Engineers).

CERTIFICATION

- ❖ **National Level Online Quiz on Geology** organized by Dept. of Geology, University of Madras on 26-08-2020.
- ❖ **Online quiz on geology** organized by Dept. of Geology, Presidency College (Autonomous), Chennai-600005 from 03rd to 07th July 2020.
- ❖ Active participant in national conference of **INNOVATIONS IN ENVIRONMENTAL AND EARTH SCIENCES FOR SUSTAINABLE FUTURE** in 27-28 FEB, 2019.
- ❖ Secured **3rd position in general knowledge** organized by **The Science Society in Salipur College, Salipur during +2 1st year.**
- ❖ Obtained **certificate of merit during class 9th and 10th by Braj gauri Trust, Santacruz (E), Mumbai-400055 as outstanding academic performance.**
- ❖ Active participant in **"Mobile Science Exhibition"** organized by **Regional Science Center, National Council of Science Museums with combination of Ministry of Culture, Govt. of India** from 25-27, July 2011.

TECHNICAL SKILL

- ❖ Advance MS-EXCEL and GEOINFORMATICS for surveying, mapping, QGIS and ArcGIS.
- ❖ Petrel, Techlog, Geolog and also ODV (Ocean Data View) software during internship project.

EXTRACURRICULAR ACTIVITY

- ❖ Active member in **Youth Red Cross (YRC)** during graduation days and **NSS** during post-graduation time.
- ❖ Active member in **ABVP (Akhil Bharatiya Vidyarthi Parishad), Jalgaon, Maharashtra** during M.Sc.
- ❖ Active member and donate blood during **State Blood Transfusion Council, Mumbai, Maharashtra.**