



Mr. Alok Ranjan Nayak

Asst. Professor

School of Biotech Sciences, Trident Academy of Creative Technology, Bhubaneswar

Area: *Clinical Biotechnology, Industrial Biotechnology*

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Educational Qualification:

Ph.D. (Cont.)

M.Sc.	M.Sc. Degree Awarded in Biotechnology from Utkal University in 2018 (First Division with Distinction)
B.Sc.	B.Sc. (Hons.) Biotechnology Degree Awarded from Utkal University in 2016 (First Division with Distinction)

Academic Experience: (8 years)

- ❖ Working as **Asst. Professor at Trident Academy of Technology since August 2018.**

Industrial Experience:

- ❖ Previously served as a **Quality Control Technologist** at Sabri Food Product Pvt. Ltd.

Research Focus:

- ❖ **Clinical Biotechnology, Industrial Microbiology** (Isolation of metabolites and their characterization, Drug Discovery and Development)

Work Efficiency:

- ❖ Worked on “Prevalence and predictors of thyroid dysfunction among patients with type 2 diabetes mellitus attending a tertiary care hospital in an urban area of Bhubaneswar, Odisha.” at **Division of NCDS, ICMR- Regional Medical Research Centre, Bhubaneswar.**

Experiences In Academia (Workshop/FDP/Seminars):

- ❖ Successfully completed **5 nos. of Faculty Development Programme by NPTEL – AICTE on Biomass Conversion and Biorefinery (ELITE)**, Tissue

Engineering (**ELITE**), Modern Food Packaging Technologies: Regulatory Aspects and Global Trends & Experimental Biotechnology (**ELITE SILVER, 5% TOPPER**), Introduction to complex biological systems (**ELITE SILVER**).

- ❖ Successfully completed **30 Hours Certification Course on “AI in life Sciences/Healthcare”** organized by **Learntoupgrade Online Skill Development Training Organization**.
- ❖ Successfully completed **“AICTE Training and Learning (ATAL) Academy Faculty Development Program on ATAL FDP on Smart Health Technologies and Med-Tech Innovations”** at **TRIDENT ACADEMY OF TECHNOLOGY**.
- ❖ Successfully completed **“One Week Online Bioinformatics Course”** organized by **Centre for Advanced Training and Research (CATR) Lucknow, U.P. (India)**.
- ❖ Participated in the **3 days Bio ignites Program “A masterclass on Entrepreneurship”** organized by **DBT -ILS Bio incubator**.
- ❖ Attended in the **45th Annual Conference of Odisha Botanical Society**.
- ❖ Participated in the **“9th World Congress on Preventive and Regenerative Medicine”** organized by **Dept. Of Biotechnology, KIIT University and World Federation and world institute of Preventive & Regenerative medicine (WFWI-PYRAMED), Germany**.
- ❖ Attended a skill development program on **Plant Tissue Culture** under **Dept. of MSME, Govt. of India**.
- ❖ Attended work shop on **“Techniques in Molecular Biology”** organized and demonstrated by **HI Media Laboratories Pvt. Ltd, Bangalore**.
- ❖ Participated in the **“Entrepreneurship Awareness Camp”** conducted by **TAT, Bhubaneswar**.

Publication:

- ❖ SahooA, Bal PK, Singh P, Behera SS, Sarangi AK, **Nayak AR**. Comparative study between pre-and post-operative clinical and electrophysiological parameters in determining the recovery of carpal tunnel syndrome. Int J Res Med Sci 2023; 11:230-7.
- ❖ Hussain T, Barik BS, **Nayak AR**, Das S, Khadanga UK, Yadav VS. Prevalence and predictors of thyroid dysfunction among patients with type 2 diabetes mellitus attending a tertiary care hospital in an urban area of Bhubaneswar, Odisha. Thyroid Res Pract 2019; 16:26-35

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