

Assistant Professor

Name: Dr. Ketaki Nayakawde
Designation: Assistant Professor Grade-II
Qualification: Ph.D. Medical sciences
M.Sc. Zoology
Specialization: Tissue engineering
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Research Experience 12 years

- **Post-doctoral scientist**

December 2022 – May 2024
(Clinical research centre, Lund University, Sweden)

- **Research associate**

April 2020 – June 2022
(Sahlgrenska University hospital, Gothenburg University, Sweden)

- **PhD scholar**

October 2012 – March 2020
(Department of Transplantation surgery, Gothenburg University, Sweden)

Research Focus:

With a Ph.D. in Medical Sciences and postdoctoral training in Clinical Research, I have developed expertise in tissue engineering, transplantation immunology, and the science of atherosclerosis. My research spans developing 3D scaffolds for organ regeneration, analyzing immune responses, and exploring diabetes as a causative agent for atherosclerosis. I have led impactful preclinical studies, published in Lancet, (10.1016/S0140-6736(12)60633-3), supervised master's students, and mastered proteomics, stem cell isolation, and bioinformatics. Passionate about advancing personalized medicine, I aim to establish a biobank for tissue samples from atherosclerotic patients in the Indian population, driving personalized therapy strategies. My innovative mindset and technical skills fuel my ambition to transform regenerative medicine and atherosclerosis treatment.

Achievements / Awards:

Grant from Stiftelsen for Transplantation and Cancer research, Sweden (2015)

Publications: 8

Conferences: Conferences Attended: 5

Papers Presented: 5