

IIT Mandi professor's research selected for CSRI Bronze Medal

TIMES NEWS NETWORK

Indian Institute of Technology (IIT) Mandi professor Chayan K Nandi has been selected for the Chemical Research Society of India (CRSI) Bronze Medal for his contribution to research.

Nandi, associate professor, School of Basic Sciences, IIT Mandi, has invented advanced single molecule super resolution nanoscopic technique, especially Stochastic Optical Reconstruction Microscopy (STORM), for understanding the optical properties of fluorescent nanomaterials at single molecule level.



Chayan K Nandi

Nandi, along with his research group, has been extensively engaged in finding the real existence of carbon dots or graphene dots that are produced by bottom-up approach using small molecule or polymers by hydrothermal or microwave synthesis.

They have found out that in several cases molecular fluorophore could be synthesised along with these materials and contribute substantial amount in the fluorescence properties of the material. CRSI is a professional body that promotes and facilitates research and education in all branches of Chemistry.