

Dr. Mithun Kumar Rathod

Assistant Professor of Zoology
TARA Government College (A),
Sangareddy, Telangana State-India.

Contact: +91-7989169403

Email: brmk06@gmail.com



Dr. Mithun Kumar Rathod who has been working as Assistant Professor at Tara Government College (A), Sangareddy has completed his Integrated Master of Science (IMSc) in Systems Biology from University of Hyderabad and has also been awarded **PhD** in 2022 from **Okayama University, Japan**. He has qualified CSIR-UGC-JRF with rank of 95 (NET) in 2011 and also got selected for National Overseas Scholarship (NOS) in 2013. He has teaching experience of 10 years as Assistant Professor of Zoology and has also been guiding the students for Jignasa student study projects. He participated and presented papers at international seminars and also attended various workshops, conferences, webinars and seminars. He attended orientation refresher courses conducted by various universities and also deliberated extension lectures. He is member of various academic and nonacademic bodies. He is serving as research guide for master students and also the college level coordinator for Jignasa projects 2022-23.

Publications (International Journals)

1. The BF4 and p71 antenna mutants from *Chlamydomonas reinhardtii* in 2019 (BBA).
2. Assembly apparatus of light-harvesting complexes; Identification of Alb3.1-cpSRP-LHCP complex in the green alga *Chlamydomonas reinhardtii* in 2021 (PCP).

Area of Research

1. Identification of different mechanisms that trigger state transitions in photosynthesis other than light as abiotic factor by which high efficiency in the photosynthetic rate can be achieved thus may be useful in development of high yielding crop varieties in future.
2. Assembly apparatus of Light Harvesting Chlorophyll a/b Complexes (LHCs) in *Chlamydomonas reinhardtii*
3. Herbal leaves and their eco-friendly usage for Mosquito control.