

PROFILE (DR. SANJITA ABHIJITA)



PERSONAL PROFILE:

Name: DR. SANJITA ABHIJITA

Designation: Asst. Prof of Botany

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ACADEMIC ACHIEVEMENTS:

- 1) Qualified GATE-2013
- 2) Qualified CSIR NET 2014

CONFERENCE PUBLICATIONS:

- 1) Abstract published on "Efficacy of underutilized future crops in changing environment" in proceedings of the Orissa Botanical Society held at Talcher Autonomous College, Talcher Dec 28-29, 2011.
- 2) Abstract published on "Waste munching microbes: An Overview" in proceedings of National Conference on "Utilization of microbes for Sustainable development" held at Department of Microbiology, Orissa University of Agriculture and Technology, Bhubaneswar Dec 14-15, 2012.
- 3) Abstract published on "Genetic approaches towards the improvement of nitrogen fixation" in proceedings of National Conference on "Innovations in science and technology for inclusive development", on the Occasion of 16th Odisha Bigyan Congress, Nov 23-24, 2013.

- 6) Abstract published on “Molecular method is the pathway for the conservation of the plant genetic resources” in proceedings of National Conference on “Climate change and biodiversity”, School of biodiversity and conservation of Natural resources, held at Central University of Orissa, Koraput. Nov 23-24, 2013.
- 7) Abstract published on “Circadian Rhythm in plants” in Proceeding of National Conference on “Conservation and Utilization of aromatic and medicinal plants through biotechnological approaches”, on the occasion of 38th Annual conference of Orissa Botanical Society, Department of Botany, U.N. (Auto) college of Science and Technology, Cuttack, Feb-23-24, 2014.
- 8) Abstract published on “Development of photosynthetic efficiency of PSII is independent of lipid peroxidation in pea seedlings grown under different light quality” at 1st international conference on “Human Implications of Biotechnology” held at Central University of South Bihar, Patna, Feb-12-14, 2016.
- 9) Abstract published on “Changes in photosynthetic parameters of *Pisum sativum* seedlings grown under different spectrum of light” at the occasion of 39th All India Conference of Indian Botanical Society and National Symposium on “New approaches and recent challenges in botany” held at Ranchi University, Ranchi, Oct, 21-23, 2016.

CONFERENCE/ WORKSHOP ATTENDED:

1. Attended international symposium on Advances in Cancer Research: Drug Discovery to Delivery, held on 19th November 2013, Jointly Organized by Central University of Jharkhand and Carcinogenesis Foundation, USA
2. Participated in 1 day workshop on “Cyber security-The driving secured future” held at CUJ, Ranchi on 16th January 2014.
3. Attended 1 day workshop on 19th July 2014 on statistical analysis using SPSS package held by Centre for Life Sciences, CUJ, Ranchi.
4. Attended 2 days workshop (24-25th September, 2014) on the topic of Women empowerment in Science and Technology (WEST) held at CSIR-National Metallurgical Laboratory, Jamshedpur organized by the National Academy Of Sciences, India (Jharkhand State Chapter).

LIST OF PAPERS PUBLISHED:

- Swain H, **Abhijita S** (2013) Nitrogen fixation and its improvement through genetic engineering. *Journal of Global Bioscience*, Vol. 2(5), PP 98-112.
- Swain H, **Abhijita S** (2014) Assessment of genetic diversity and molecular phylogeny of 6 species of *Calamus* (Arecaceae) by using ISSR markers. *Journal of Global Bioscience*, Vol. 4(2), PP 1579-1593.

- ❑ Book chapter Pallavi Sharma, Vineet Srivastava, Amit Kumar Gautam, Anisha Rupashree, Rajani Singh, **Sanjita Abhijita**, Satish Kumar, Ambuj Bhushan Jha, and Amarendra N. Misra, Mechanisms of Metalloid Uptake, Transport, Toxicity, and Tolerance in Plants”, In Emerging trends of plant physiology for sustainable crop production (Apple Academic Press, E-Book ISBN: 9781315101224, March 2018).
- ❑ **Sanjita Abhijita**, Pallavi Sharma and Amarendra Narayan Misra, “Evaluation of growth and antioxidative potential of pea (*Pisum sativum* L.) seedlings irradiated with different led lights” International Journal of Recent Scientific Research Research.Vol. 9, Issue, 4(J), pp. 26202-26205, April, 2018.

FDP AND REFRESHER COURSES

- ❑ Participated & completed successfully FDP on “**Entrepreneurship Development**” from 18-22nd November 2019 organised by ni-msme Hyderabad.
- ❑ Participated & completed successfully online Faculty Induction Program from 30th Nov -29th Dec 2020 organised by UGC-HRDC University of Hyderabad.
- ❑ Participated in workshop on “**NAAC Readiness**” from 30th Nov -29th Dec 2020 organised by UGC-HRDC, Sambalpur University, funded by World Bank OHEPEE.
- ❑ Participated & completed successfully Refresher Course in Botany on from 7-20th Oct 2022 and obtained Grade A organised by UGC-HRDC University of Madras, Chennai.