Teacher's Profile

DR. SURYA SHEKHAR DAS

Designation: **Associate Professor of Botany**

Date of Joining: 16th January, 2004

Father's Name: Mr. Arun Kumar Das

Date of Birth: 13th July, 1978

Gender: Male

Nationality: Indian

Languages known: English, Bengali, Hindi

Educational Qualification (Graduation onwards):

Examination	Name of the University	Year of passing	Marks obtained (%)	Class/ Grade
B.Sc.	University of Kalyani	1999	69.00%	1st Class 1st
M.Sc.	University of Kalyani	2001	76.70%	1st Class 1st
WB-SLET		2001		
CSIR-NET		2002		Among top 20%

Research Degree(s):

Degree	Name of the University	Date of award	Title
Ph. D./D. Phil.	University of Kalyani	09.08.2016	"An Investigation on Bioactivity of Certain Mangrove Plant Species of Indian Sundarbans with Special Reference to Application of Molecular Marker in Understanding Genetic Diversity"

Papers published in Journals

1. **Surya Shekhar Das**, Swati Das (Sur) and Parthadeb Ghosh (2013): Optimization of DNA isolation and RAPD-PCR protocol of *Acanthus volubilis* Wall., a rare mangrove plant from Indian Sundarban, for conservation concern, European Journal of Experimental Biology,3(6):33-38.

2. **Surya Shekhar Das**, Swati Das (Sur) and Parthadeb Ghosh (2014): Phylogenetic relationships among three species of the mangrove genus *Avicennia* found in Indian Sundarban, as revealed by RAPD analysis, Asian Journal of Plant Science and Research, 4(2):25-30.

3. Swati Das (Sur), **Surya Shekhar Das** and Parthadeb Ghosh (2014): Analysis of genetic diversity in some black gram cultivars using ISSR, European Journal of Experimental Biology, 4(2):30-34.

4. Swati Das (Sur), **Surya Shekhar Das** and Parthadeb Ghosh (2014): Assessment of molecular genetic diversity in some green gram cultivars as revealed by ISSR analysis, Advances in Applied Science Research, 5(2):93-97.

5. Swati Das (Sur), **Surya Shekhar Das** and Parthadeb Ghosh (2014) : A comparative analysis of genetic diversity across certain Mungbean and Urdbean cultivars of West Bengal, using ISSR markers, Asian Journal of Plant Science and Research, 4(5):56-61.

6. **Surya Shekhar Das**, Swati Das (Sur) and Parthadeb Ghosh (2015): Phylogenetic relationships among the mangrove species of Acanthaceae found in Indian Sundarban, as revealed by RAPD analysis, Advances in Applied Science Research, 6(3):179-184.

7. **Surya Shekhar Das** (2017): "Mangrove Plants: Distribution and Adaptation" Teachers' Journal Nabadwip Vidyasagar College, vol III:146-154

8. **Surya Shekhar Das** (2020): "Phytochemical Profile and Antibacterial Activity of The Mangrove Plant *Avicennia officinalis* L." International Journal of Current Research, 12, (02), 9973-9977.

9. **Surya Shekhar Das** (2020): "Qualitative Determination of Phytochemical Constituents and Antimicrobial Activity of The Mangrove Plant *Avicennia alba* Blume" International Journal of Research and Analytical Reviews, Vol 7, Issue 1, 627-633

10. **Surya Shekhar Das** (2020): "Phytochemical Constituents and Antibacterial Activity of Leaf Extract of White Mangrove, Avicennia marina (Forsk.) Vierh. Journal of Emerging Technologies and Innovative Research, Vol 7, Issue 2, 830-837

11. **Surya Shekhar Das** (2020): "Services of Mangrove Forest to Ecosystem and Environment: A Review" Journal of Emerging Technologies and Innovative Research, Vol 7, Issue 11, 415-419

Chapters published in Books

1. **Surya Shekhar Das**, Swati Das (Sur) (2017): "Diversity, importance and conservation of mangrove plants in Indian Sundarban", Pollution: Disbalancing the global environment: Threats and preventions, pp. 19-35

2. Swati Das (Sur), **Surya Shekhar Das** (2017): "Effect of some pollutants on the pulse crop Vigna and its potential as phytoremediation plant", Pollution: Disbalancing the global environment: Threats and preventions, pp. 36-47

3. **Surya Shekhar Das** (2020): Teaching Botany at the Undergraduate and Post Graduate Level: Excitements, Prospects and Challenges; Essays on education, Chapter-2, pp 14-20; May 2020 N.B. Publications, Ghaziabad 201102 (India)

Book(s) published

Surya Shekhar Das (2021): Mangroves of Indian Sundarban: Ecological, Biochemical and Molecular Aspects; Lulu.com, 3101, Hillsborough St, Raleigh, NC 27607, United States, pp 1-165

Administrative Experience:

2015-18, Teacher Representative, Governing Body, Bolpur College

2018-21, Teacher Representative, Governing Body, Bolpur College