



01. Name	Dr. Modhumita Dasgupta
02. Educational Qualification	Ph.D. (Genetics)
03. Designation	Scientist E
04. Core Specialization	Molecular Biology
05. Research Interest	Molecular defense against biotic and abiotic stress; development of trait specific markers, proteome analysis during stress signaling
06. Ongoing projects	<ul style="list-style-type: none">➤ Identification of secondary xylem specific cellulose synthase genes from <i>Eucalyptus tereticornis</i> (ICFRE funded)➤ Differential Analysis Of Transcript Expression In <i>Casuarina – Trichosporium</i> Interaction To Isolate Defense – Related Genes (DBT funded)➤ Production of recombinant antifungal/ antipest lectin from <i>Withania somnifera</i> (DBT funded)➤ High-throughput multi environment phenotyping of mapping populations of eucalypts for adventitious rooting and wood property traits (DBT funded)➤ Candidate Gene Association for identification of pulping trait markers in <i>Eucalyptus tereticornis</i> (DBT funded)
07. Publication	35
Books	
Chapters in Books	9
Research papers	26
National	8
International	17
Reviews	1
Popular articles	-
08. Consultancies rendered	Consultancy on “DNA profiling of Acacia hybrids and Eucalyptus species” rendered to Mysore Paper Mills, Bhadravathi, Karnataka along with Dr. R. Yasodha
09. Trainings	3
10. Foreign visits	<ul style="list-style-type: none">❖ Attended training workshop on “Forest Biodiversity – Conservation and Management of Forest Genetic Resources” at Kuala Lumpur, Malaysia from 7th to 11th July 2008.❖ Attended International Symposium on “Forest Genetic Resources” at Kuala Lumpur, Malaysia from 5th to 8th October 2009.❖ Attended XIII World Forestry Congress 2009 at

Buenos Aires, Argentina from 18th to 23rd October, 2009.

❖ Attended the XXIII IUFRO World Congress held at Seoul, Republic of Korea from 23 – 28 August 2010.

11. **Email**

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12. **Address**

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