

## Faculty particulars of Dr. Joyeeta Dey Sarkar



**1. Name: Dr. Joyeeta Dey Sarkar (JDS)**

**2. Qualification: M.Sc, Ph.D.**

**3. Designation: State Aided College Teacher (SACT)**

**4. Teaching experience: UG: 3Years**

**5. Teaching interest: Biochemistry, Plant physiology, Plant Metabolism**

**6. Research Interest: Biological Nitrogen Fixation**

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### List of Publications:

- **Dey Joyeeta**, Talapatra Krishna, and Srivastava R. C. (2013). *In vivo* Nitrate Reductase (NR) Activity in the Leaves and Nitrogen Fixing Efficiency of Root-Nodules and Rhizobia Isolated from Certain Cover-Legumes Growing Wild in Tripura. *Vegetos* Vol. 26: 96-102.
- **Dey Joyeeta**, Talapatra Krishna, Chakraborty Kripamoy and Srivastava R. C. (2014). Evaluation of carbon and nitrogen metabolism in the leaves of some creeper weed legumes growing wild in Tripura. *Vegetos* Vol. 27 (1) : 33-36.
- **Dey Joyeeta** and Sinha Rabindra Kumar. (2015). Carbon and nitrogen metabolites in some ethno-botanical weed legumes of Tripura during their seasonal maturity of growth. *Annals of Biological Research*, 6 (2):1-3.

- **Dey Joyeeta**, Saha Puja Rani, Debnath Priyanki and Sinha Rabindra Kumar.(2017). Comparative studies on some biochemical parameters of *Cajanus cajan* (L.) Thouars and *Cajanus cajan* (L.) Millsp. *Tropical Plant research*. 4(2):314-318.
- **Dey Joyeeta** and Sinha Rabindra Kumar. (2018). Seasonal pattern of Nitrate Reductase and Nitrogenase enzyme activities in *Desmodium triflorum* (L.)DC. – A folklore species of India. In : Trends in Frontal Areas of Plant Sciences (S. Sinha and R.K. Sinha, Eds.). Published by Narosa publishing House. Pp: 249-250.
- **Dey Joyeeta**, Bhattacharjee Alope and Sinha Rabindra Kumar. Seasonal perspective of some Carbon and nitrogen metabolites of ethno-medicinally important leguminous weeds of Tripura and their effect on the soil.(In press).