



RAMMOHAN COLLEGE

FACULTY ACADEMIC PROFILE

Name: **DR. SHAKUNTALA BHADURI (nee CHATTERJEE)**

Department: **BOTANY**

Email: **shakuntalabhaduri@gmail.com**

Academic background: **M.Sc., Ph.D.**

Positions: **Associate Professor**

Awards/ Honours: **N.A.**

Research interest: **in Plant Physiology**

Ongoing Project: **N.A.**

Research guidance: **N.A.**

Selected publications:

1. Changes in Polyamine contents during root and nodule growth of *Phaseolus mungo*. S.Chatterjee, M.M. Choudhuri and Bharati Ghosh *Phytochemistry*. vol.22 No.7 pp1553 [1983].
2. Change in Polyamine contents during flower and fruit development of *Vigna mungo*. S. Chatterjee and Bharati Ghosh. *Plant Physiology and Biochemistry* 10(2) pp164 [1983].
3. Effect of nitrogenous compounds and kinetin on polyamine contents of *Vigna mungo*. S. Chatterjee and Bharati Ghosh. *Plant Physiology and Biochemistry* 14(2) pp165 [1987].
4. Retardation of source and sink organ senescence in rice by spermine. Soumen Chattopadhyaya, Shakuntala Chattopadhyaya and Bharati Ghosh. *Indian Journal of Experimental Biology*.vol.30 March 1992 pp231.

5. Polyamine metabolism in nodules of *Vigna mungo* during senescence. Kajari Lahari, Shakuntala Chattopadhyay, Soumen Chattopadhyaya and Bharati Ghosh. *Phytochemistry*. vol.31 No.12 pp4087 [1992].
6. Biochemical changes in nodules of *Vigna mungo* during vegetative and reproductive stages of plant growth in the field. Soumen Chattopadhyaya, Shakuntala Chattopadhyay and Bharati Ghosh. *Annals of Botany* 71 pp.481 [1993]