



RAMMOHAN COLLEGE

FACULTY ACADEMIC PROFILE

Name: **SHUKLA BASU**

Department: **PHYSICS**

Email: **shuklabasu5@gmail.com**

Academic background: **B.Sc, M.Sc, PhD (Physics)**

Positions: **Associate Professor (Department of Physics)**

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

Research interest: **Hadron Symmetry and Their Interactions in Quantum Chromodynamics.**

Project: **N.A.**

Research guidance: **N.A.**

Selected publications:

1. Meson Gluonium Mixing and the Glueball candidate L (1460), S. Basu and S. Debnath Z. Phys. 34 C 215-222 (1987)

2. Nonet Symmetry, anomalous ward identities and meson gluonium mixture S. Basu and B. Bagchi Z. Phys. C3769-76 (1987)

3. Glueball candidate L (1460) and quarkonium-gluonium mixing, S. Basu and B. Bagchi Phys. Rev. D. 37(5) 1250-1257 (1988)

**4. Proceedings of International Conference on QCD-90 held at France,
published in Mod. Phys. Letter. A 3(6) (1988)**