CURRICULUM VITAE

Srinivasa Rao Kola

Email : srinu.iitkgp@gmail.com   Mobile : +91 8125974347

Permanent address:
S/0 Sri Rama Mohana Rao Kola,
Opposite Fire Station,
Mantada Post – 521256,
Krishna District,
Andhra Pradesh, India.

Academic Record

Degree	University	Department / Major	Percentage
Ph.D 2006-present	IIT Kharagpur, West Bengal	Mathematics	--
M. Sc 2003-2005	Acharya Nagarjuna University, Andhra Pradesh	Pure Mathematics	**83%** Distinction
B. Sc 2000-2003	Acharya Nagarjuna University, Andhra Pradesh	Maths, Physics, Chemistry	**84%** Distinction
Intermediate 1998-1999	B. I. E, Andhra Pradesh	Maths, Physics, Chemistry	**71.8%** Distinction
S. S. C 1997-1998	B. S. E, Andhra Pradesh	General	**80.5%** Distinction

PhD Broad Area of Research

Graph Theory – Coloring of graphs

Academic Experience

(a) **Teaching Experience**

Duration	Designation	Organization
June 2005 - June 2006	Lecturer	Career Degree College, Guntur, Andhra Pradesh.
July 2006 – Aug 2010	Teaching Assistant	IIT Kharagpur, West Bengal.

(b) **Courses Taught**

PG Level: Algebra, Real Analysis, Operation Research, Discrete Mathematics.

UG Level: Mathematics – I, Mathematics – II (for B.Tech, IIT Kharagpur).

List of Professional Courses Taken

- ❖ Graph Theory and Algorithms
- ❖ Quantum Computation
- ❖ C and Data Structures

Research Publications

International Journals

[1] Srinivasa Rao Kola and Pratima Panigrahi, "On Radio (n – 4)-chromatic Number of the Path P_n", *AKCE International Journal of Graphs and Combinatorics*, 6(1) (2009), 209 - 217.

[2] Srinivasa Rao Kola and Pratima Panigrahi, "Nearly Antipodal Chromatic Number of the Path P_n", *Mathematica Bohemica*, 134 (1) (2009), 77 – 86.

[3] Pratima Panigrahi and Srinivasa Rao Kola, "Improved Bounds for Some of the Radio k-chromatic Numbers of Paths, *Journal of Combinatorial Mathematics and Combinatorial Computing*, 69 (2009), 139 –144.

[4] Srinivasa Rao Kola and Pratima Panigrahi, "Improved Lower Bound for Radio k-chromatic Number of Hypercube Q_n", *Computers and Mathematics with Applications,* 60 (2010), 2131 - 2140.

[5] Srinivasa Rao Kola and Pratima Panigrahi, "A Lower Bound for Radio k-chromatic Number of an Arbitrary Graph", (Communicated).

[6] Srinivasa Rao Kola and Pratima Panigrahi, "On a Conjecture for Radio *k*-chromatic Number of Paths", (Communicated).

[7] Srinivasa Rao Kola and Pratima Panigrahi, "Radio Numbers of Some Classes of Caterpillars and *m*-distant trees", (to be communicated).

[8] Srinivasa Rao Kola and Pratima Panigrahi, "Radio Numbers of Some Classes of Generalized Petersen Graphs and Circulant Graphs", (to be communicated).

[9] Srinivasa Rao Kola and Pratima Panigrahi, "Radio Number of Square of Hypercube Q_n", (to be communicated).

Computer Literacy

Mathematical Software	: **Matlab**, **Mathematica, Latex**
Programming languages	: **C**
Operating systems	: **Windows 9X/ 2000/ 2003, XP and Linux**

Personal Information

- Father's name   : Mr. Rama Mohana Rao Kola
- Date of birth   : 11 June 1982
- Nationality   : Indian
- Sex   : Male
- Marital status   : Married
- Languages Known   : Telugu, English, Hindi

References

[1] Dr. Pratima Panigrahi (Ph.D Thesis Supervisor)

Associate Professor, Department of Mathematics, IIT Kharagpur.

pratima@maths.iitkgp.ernet.in

[2] Dr. G. P. Raja Sekhar

Associate Professor, Department of Mathematics, IIT Kharagpur.

rajas@maths.iitkgp.ernet.in

[3] Dr. P V S N Murthy

Associate Professor, Department of Mathematics, IIT Kharagpur.

pvsnm@maths.iitkgp.ernet.in