

**MAGADH MAHILA COLLEGE
PATNA UNIVERSITY**

FOR SELF APPRAISAL OF TEACHERS



General Information

Name : Dr. Poonam Kumari

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Date of Birth : 06/05/1968

Designation : Assistant Professor

Department : Mathematics

Date of Joining : 28/06/2003

Date of Confirmation : 28/06/2003

Date of Promotion : 28/06/2009

Area of Specialization : Integral Transforms & Theory of Relativity

Academic Qualifications

Exam Passed	Board/ University	Subjects	Year	Division/ Grade Merit etc.
High School	Bihar School Examination Board, Patna	Hindi, English, Science, Social Science, Sanskrit, Economics, Mathematics	1983	1st Div.
Higher Secondary or Pre-degree	Bihar Intermediate Education Council, Patna	Hindi, English, Physics, Chemistry, Mathematics	1985	1st Div.
Bachelor's Degree (s)	Ranchi University	Physics, Chemistry, Mathematics	1989	1st Class
Master's Degree (s)	Ranchi University	Mathematics	1993	1st Class
Research Degree (s)	V.K.S. University, Ara	Mathematics	2009	

Research Experience & Training

Research Stage	Title of work/Theses	University where the work was carried out
Ph.D.	A Comparative Study of Optimization Techniques for Solving Nonlinear Programming Problems of Operations Research	V.K.S. University, Ara
Training (please specify)	Refresher Course in IT & e-learning (2014)	Patna University

Seminars, Conferences, Symposia Workshops etc. attended

Sl. No	Name of the Seminar/Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place and Date
1	International Conference on "Mathematical Sciences for Advancement of Science and Technology	DRDO & DST of Government of India	Salt Lake, Kolkata December 21-23, 2017
2	International Conference on "Mathematical Sciences for Advancement of Science and Technology	DRDO & DST of Government of India	Salt Lake, Kolkata December 21-23, 2016
3	International Conference on "Applications of Mathematics in Topological Dynamics, Physical, Biological and Chemical Systems"	Calcutta Mathematical Society	Salt Lake, Kolkata December 09-11, 2016
4	National Seminar on "Differential Equations and Lie Groups"	UGC	Bangabasi Evening College, Kolkata November 10-12,

			2016
5	National Symposium on “Emerging Trends in Chemistry-Fundamentals and Applications”	UGC	Patna Science College, Patna April 21-22, 2016
6	International Conference on “Mathematical Sciences for Advancement of Science and Technology	DRDO & DST of Government of India	Salt Lake, Kolkata December 21-23, 2015
7	National Seminar on “Mathematics ant its application in other subjects”	UGC	M.S.K.B.College, Muzaffarpur September 05-06, 2015
8	International Conference on “Recent Trends in Engineering Science and Management”	Conference World	JNU, New Delhi March 15, 2015
9	National Seminar on “Novel Journey from Conventional to Green Chemistry : A bliss to Environment”		Patna Science College February 21, 2015
10	International Conference on “The works of Srinivas Ramanujan & Their Applications in Science and Engineering”	MPCST, Bhopal & Gwalior Academy of Mathematical Sciences	BSF Academy, Tekanpur December 22 & 23, 2014
11	International Conference on “Mathematical Sciences for Advancement of Science and Technology	DRDO & DST of Government of India	Salt Lake, Kolkata December 21-23, 2014
12	National Seminar on “Ancient India’s Contributions to the Origin of Mathematics”	UGC	L.N.M.University, Darbhanga November 28 & 29, 2014
13	National Conference on “Ramanujan’s Mathematics & Mathematics Education ”	T.D.P.G.College, Jaunpur	T.D.P.G.College, Jaunpur December 01- 03, 2013
14	National Seminar on “Application of Science & Technology for Rural Development”	UGC	M. M.College Bikram, Patna October 25- 26, 2013
15	National Workshop on “Institutional Healthy Practices: Opportunities and Strategies”	Patna Women’s College	Patna Women’s College, Patna February 20, 2013

Teaching Experience

Courses Taught	Name of the University / College / Institution	Duration
U.G. (B.A. /B.Sc., etc. Pass) (B.A. / B.Sc. / etc. Hons.)	Magadh Mahila College, Patna	14 years

Total Teaching Experience : 14 years

a) Under-graduate (Pass) : 14 years

b) Under- graduate (Hons) : 14 years

c) Post-graduate :

Design of Curriculum : Curriculum of Mathematics is based mainly on the syllabus prescribed by Patna University. Till 2007, old curriculum was being followed. But new curriculum came into force in 2008, in which some useful topics like Fourier Series and Functions of Bounded Variations were included. There was some difficulty in the beginning. But soon it was overcome. Curriculum was again updated in 2015, in which no major changes were made.

Teaching methods: It consists of delivering of lecture, in course of which problems are explained, demonstrated and solved on the blackboard. Doubts and problems raised by students are solved then and there.

Evaluation methods: To evaluate the progress made by the students, Sent-up Examination is held before the Final University Examination.

D. Participation in Corporate Life :

- College/University/ Institution : Assistant Centre Superintendent, Magadh Mahila College, B.A./ B.Sc./B.Com. Examination.

Co-curricular Activities: The students are always encouraged to take part in different co-curricular activities organized by the College and other institutions.

Enrichment of Campus Life : The students are always encouraged to take part in games and cultural activities.

Membership /Participation in Bodies/ Committees : Life member of Indian Science Congress Association

Professional Organization of Teachers.: Life member of PUTA (Patna University Teachers Association)