Padam Shri Radhacharan Gupt Chair for Mathematics
Department of Mathematical Science and Computer Applications

Shri Radha Charan Gupta (born 1935 in Jhansi, in present-day Uttar Pradesh) is an Indian historian of mathematics Prof. Gupta graduated from the University of Lucknow, where he made his bachelor's degree in 1955 and his master's degree in 1957. He earned his Ph.D. in the history of mathematics from Ranchi University in 1971. He did his dissertation work at Ranchi University with the historian of Indian mathematics T.A. Sarasvati Amma. Then he served as a lecturer at Lucknow Christian College (from 1957 to 1958) and in 1958 he joined Birla Institute of Technology, Mesra. In 1982 he was awarded a full professorship. He retired in 1995 as the Emeritus Professor of the history of mathematics and logic. He became a corresponding member of the International Academy of the History of Science in February 1995.

Radha Charan Gupta	
Born	1935 Jhansi
Nationality	Indian
Alma mater	University of Lucknow, Ranchi University
Awards	Padma Shri (2023) Kenneth O. May Prize (2009)
Scientific career	
Fields	History of mathematics
Institutions	Birla Institute of Technology, Mesra
Doctoral advisor	T.A. Sarasvati Amma

Major Academic Achievements and Notable Awards

In 1969 Gupta addressed interpolation in Indian Mathematics. He wrote on Govindasvam in and his interpolation of sine tables. Furthermore, he contributed an article on the work of Paramesvara: "Paramesvara's rule for the Circumradius of a Cyclic Quadrilateral". In 1991 he was elected a Fellow of the National Academy of Sciences, India, and in 1994 he became President of the Association of Mathematics Teachers of India .In 1979 he founded the magazine Ganita Bharati In 2009 he was awarded the Kenneth O. May Prize alongside the British mathematician Ivor Grattan-Guinness. He is notably the first Indian to get this prize In 2023, he was awarded the Padma Shri by the Government of India for his contributions in the field of literature and education.

About the Chair for Mathematics

Padam Shri Radhacharan Gupt Chair for Mathematics , Bundelkhand University Jhansi , UP plays many roles within the department and within the university as a whole. Facilitating the development and teaching of mathematics course curriculum requires working with mathematics faculty as well as members of other departments on campus. The chair envisages to discuss many issues related to role of mathematics in Human Life alongside determining course content needs, placing students in appropriate courses, scheduling classes, assessing service courses, and looking to the future of mathematics.

Academic functions of the Chairs :

This Chair will be engage in research and, in turn, contribute to the advancement of research knowledge in the area of the mathematics, strengthen the role of university/academics design and execute short-term capacity-building programmes for faculty in higher education focused towards the designated discipline of the mathematical applications. The other academic functions will be, to provide a forum for inter-university/ inter- collegiate Post Graduate and Research level dialogues, discussion meetings, seminars/summer & winter schools, publish articles/research papers/reports/books and doctoral research programme of Department of Mathematical Sciences and Computer Applications in Bundelkhand University , Jhansi

<u>Major Learning Objective and out come of the Chairs :</u>

- To engage in research and, in turn, contribute to the advancement of knowledge in the area of Mathematical Logics.
- To strengthen the role of university in research curriculums to execute the capacity building among students, researchers and academics.

- To design and execute short-term capacity-building programmes for research in higher education focused towards the designated discipline of the Chair.

- To strengthen teaching and research programme and create the research related environment

- Strengthen connections between scientific and engineering domains and mathematics, statistics, and Computer Science;

- Increase public awareness of the expanding role of research in the mathematical sciences.

- To organize theme lectures on the pertinent subjects and to collaborate for promoting the main objective of this chair.

- Carry out research activities in relation to selected themes of Mathematics and Compter Applications

- Pass on knowledge and technologies regarding the best practices through lab work and softwares

- To localize this technology and knowledge through collaborative research efforts.

- To coordinate and to provide a think tank in the contemporary Mathematical thrust areas assigned to the Chair by drawing expertise and inputs from academics and experts from industry and academia

- To design and execute capacity building programmes for professional, teachers and scholars in higher education focused towards the Mathematics and allied thrust areas of the Chair.

- To conduct short-term courses, seminars, Symposia, workshops etc in the concerned and allied disciplines.

- To engage studies in research works leading to Higher education and to set up library for teachers and researchers working in the relevant field.

The Bundelkhand University, Jhansi will review the progress of the Chair annually and submit a final report on the activities and outcome of the Chair