

JOURNAL OF RESEARCH AND DEVELOPMENT

VOL.13

JANUARY 2013

ISSN 0972-5407



Centre of Research for Development
University of Kashmir Srinagar-
190006, J&K, India

Cite this Volume as: J. Res. Dev. 13
Journal of Research & Development is published annually

©

Director

Centre of Research for Development

University of Kashmir, Srinagar-190006

J&K, India

Whilst effort is made by the publishers and editorial board to see that no inaccurate or misleading data, opinion or statement appears in this journal, they wish to make it clear that the data and opinions appearing in the articles are the sole responsibility of the contributors concerned. Accordingly, the publishers and the editorial board accept no responsibility or liability whatsoever for the consequence of any such inaccurate or misleading data, opinion or statement.

Computer Designed by : Shahnawaz Ahmad Khosa

Cell: 7298559181

Printed at : Mehak Printing Press

Naid Kadal, Srinagar @ 9419063159

JOURNAL OF RESEARCH & DEVELOPMENT

VOL.13

JANUARY 2013

ISSN 0972-5407



CENTRE OF RESEARCH FOR DEVELOPMENT
UNIVERSITY OF KASHMIR
SRINAGAR -190006, J&K , INDIA

ADVISORY BOARD

Prof. Akbar Masood	Head, P. G. Department of Biochemistry
Prof. Bashir Ahmad Ganai	Director, Centre of Research for Development
Prof. Irshad A. Nawchoo	Head, P. G. Department of Botany
Prof. Ulfat Jan	Head, P. G. Department of Zoology
Prof. K. M. Fazili	Head, P. G. Department of Biotechnology
Prof. G. M. Peerzada	Head, P. G. Department of Chemistry
Prof. S. A. Ramshoo	Head, P. G. Department of Geology & Geophysics
Prof. Nahid Tabassum	Head, P. G. Department of Pharmaceutical Science
Prof. S. M. K. Quadri	Head, P. G. Department of Computer Science
Prof. G. Mohiuddin Bhat	Head, P. G. Department of Electronics
Prof. Nissar Ahmad Rather	Head, P. G. Department of Mathematics
Prof. Aquil Ahmad	Head, P. G. Department of Statistics
Prof. Inayatullah Tahir	Coordinator, P. G. Course in Bioresources
Prof. S. Muzaffar Ali Andrabi	Director, USIC
Dr. Manzoor Ahmad Malik	Head, P. G. Department of Physics
Dr. Shajrul Amin	Coordinator, P. G. Department of Clinical Biochemistry

EDITORIAL BOARD

Editor-in-Chief:	Prof. Azra N. Kamili, CORD
Executive Editor:	Dr. Md. Niamat Ali, CORD
Assistant Editors:	1. Dr. Ruqeya Nazir, CORD 2. Dr. Bilal Ahmad Wani, CORD