



# Procedure International Journal of Science and Technology

(International Open Access, Peer-reviewed & Refereed Journal)  
(Multidisciplinary, Monthly, Multilanguage)

---

★ Vol: 1

★ Issue: 6

★ June 2024

---

## EDITOR-IN-CHIEF

Prof. (Dr.) Neeraj Rathore

Professor, Department of Physics, Bareilly College, Bareilly, Uttar Pradesh, India.

## MANAGING EDITOR

Prof. (Dr.) Brij Bihari Sharma

Professor, Department of Chemistry, Magadh University, Bodh Gaya, Bihar, India.

## PUBLISHED BY

**Institute of Science and Technology Development  
Ghazipur, (U.P.)- 233001**

## Editor-in-chief

### ***Prof. (Dr.) Neeraj Rathore***

Professor, Department of Physics, Bareilly College, Bareilly, Uttar Pradesh, India.

## Managing Editor

### ***Prof. (Dr.) Brij Bihari Sharma***

Professor, Department of Chemistry, Magadh University, Bodh Gaya, Bihar, India.

## Associate Editors

**Prof. (Dr.) Santosh Kumar**, Professor, Department of Mathematics, North-Eastern Hill University, Shillong, Meghalaya, India.

**Prof. (Dr.) Neera Kapoor**, Professor, Faculty of Life Sciences, Indira Gandhi National Open University, Maidan Garhi, New Delhi, India.

**Prof. (Dr.) Arun Prasad A.**, Professor, Department of Veterinary Surgery and Radiology, Madras Veterinary College, Chennai, India.

**Prof. (Dr.) Amutha S.**, Professor, Department of Computer Science & Engineering, Dayananda Sagar College of Engineering, Shavige Malleswara Hills, Bangalore, Karnataka, India.

## Editorial Board Members

**Prof. (Dr.) Yogesh Chandra Sharma**, Professor, Department of Chemistry, IIT-BHU, Varanasi, India.

**Prof. (Dr.) Krishnan R, Professor**, Department of Computer Science & Engineering, Dayananda Sagar College of Engineering, Shavige Malleswara Hills, Bangalore, Karnataka, India.

**Prof. (Dr.) M. P. Flower Queen**, Professor, Department of Electrical & Electronics Engineering, SRM TRP Engineering College Mannachanallur, Tiruchirappalli, Tamil Nadu, India.

**Dr. Vinodini Katiyar**, Associate Professor & Head, Department of Information Technology, Dr. Shakuntala Misra National Rehabilitation University, Lucknow, India.

**Dr. R.K Yadava**, Associate Professor, Department of Kayachikitsa, All India Institute of Ayurveda, Delhi, India.

## International Editorial Board Members

**Prof. (Dr.) Martin Bohner**, Professor, Department of Mathematics and Statistics, Missouri University of Science and Technology, Rolla, Missouri, USA.

**Prof. (Dr.) Ahmet Ertek**, Professor, faculty of Agriculture, Isparta University of Applied Sciences, Isparta, Turkey.

**Prof. (Dr.) A.A.J. Pushpakumara**, Professor, department of Shalya shalaky, Faculty of Indigenous Medicine, Gampaha Wickramarachchi University of Indigenous Medicine, Kandy Road, Yakkala, Sri Lanka.

**Prof. (Dr.) Hesham Ali El-Enshasy**, Professor, Bioprocess Engineering Department, Faculty of Chemical and Energy Engineering, Universiti Teknologi Malaysia(UTM), Johor, Malaysia.

**Dr. Surender Reddy Salkuti**, Associate Professor, Department of Railroad and Electrical Engineering, Woosong University, Daejeon, Republic of Korea.

## Peer-Review/Refereed Board

**Prof. (Dr.) Pradeep Kumar Sachan**, Professor, Department of Samhita And Siddhanta, Bundelkhand Govt. Ayurvedic College & Hospital Jhansi, U.P., India.

**Prof. (Dr.) M.P. Thapliyal**, Professor & Dean, Department of Computer Science and Engineering, Hemvati Nandan Bahuguna Garhwal University, Srinagar, Garhwal, Uttarakhand, India

**Prof. (Dr.) A.R. Patil**, Professor, Department of Botany, Rajaram College, Vidyanagar, Kolhapur, Maharashtra, India.

**Prof. (Dr.) Kumaraswamy Gandla**, Professor and Dean (I/C), Department of Pharmacy, Chaitanya (Deemed to be University), Gandipet, Hyderabad, Telangana, India.

**Prof. (Dr.) T. Selvankumar**, Professor & Head, PG & Research dept. of Biotechnology, Mahendra Arts & Science College Kalippatti, Tamilnadu, India.

**Prof. (Dr.) Saravana Kumar**, Professor & HOD, Department of Periodontology, Indira Gandhi Institute of Dental Sciences, Pondicherry, India.

**Prof. (Dr.) Manisha Sharma**, Professor, Department of Zoology, Janki Devi Bajaj Government Girls College, Kota, Rajasthan, India.

**Prof. (Dr.) D.P. Rai**, Professor, Department of Technology Transfer, Faculty Of Agriculture, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Satna, M.P., India.

**Prof. (Dr.) Packyanathan Ganesan**, Professor, Department of Electronics and Communication Engineering, Vidya Jyothi Institute of Technology, Hyderabad, Telangana, India.

# Contents

1. Trend Analysis of Temporal Variations in NO<sub>2</sub> in Punjab Region  
-Rajdeep Singh Sohal, Manasvi Tikoo, Chandan Sharma, Madhav, Aryan Dhanotra 1-8
2. Synthesis of Some New Hydantoin Derivatives with Possible Anticonvulsant and Analgesic Activities  
-Dr. Roopali Tandon, Dr. Ved Prakash Singh, Dr. S. C. Mehra 9-15
3. Deep Learning for Human Activity Recognition Tasks  
-Rajdeep Singh Sohal, Karunjot Singh, Mohabat Pal Singh 16-23