

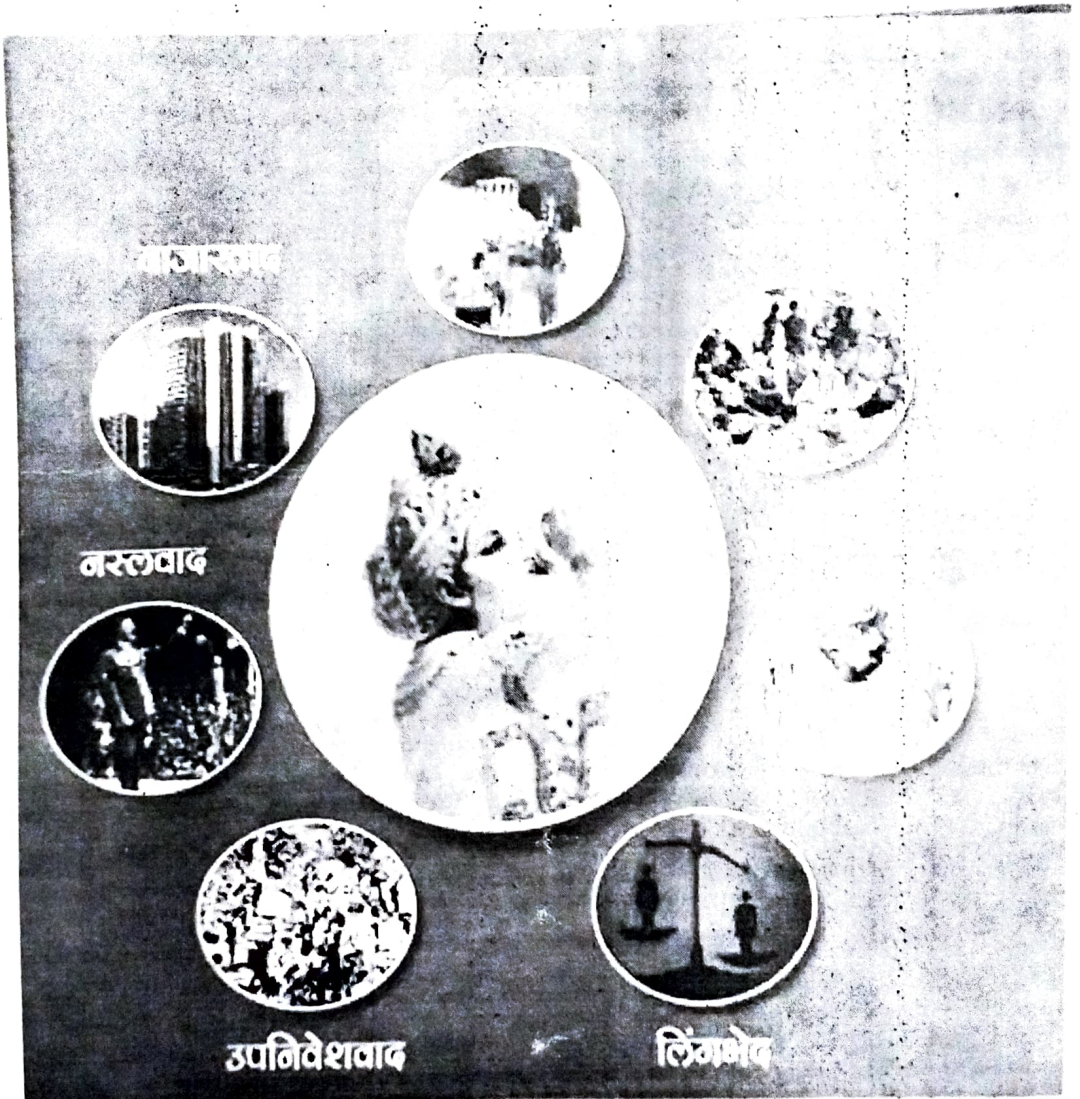
Session 2020-21

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings during year

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	DR. INDU PRAKASH SINGH	GITA KA NAITIK DARSHAN					2020	978-93-5377-013-6	HNB GOVT PG COLLEGE NAINI PRAYAGRAJ	MANYATA PRAKASHAN
2	DR. DEEPAK	THE CHANGING PARADIGMS OF INDIAN FOREIGN POLICY	CHEEN KE PRATI BHARTEEYA VIDESH NITI				2020	978-93-82171-94-2	HNB GOVT PG COLLEGE NAINI PRAYAGRAJ	PRATYUSH PUBLICATIONS
3	DR. SANDEEP KUMAR	EMERGING TRENDS IN SCIENCE AND TECHNOLOGY	FUZZY LOGIC AS A TOOL IN SENSORY EVALUATION OF FOOD PRODUCTS				2021	978-81-949641-0-0	HNB GOVT PG COLLEGE NAINI PRAYAGRAJ	KRISHNA COMPUTER PUBLICATION
4	DR. BHASKAR SHUKLA AND DR. SANJEEV YADAV	ANATOMY AND PHYSIOLOGY IN PHYSICAL EDUCATION					2020	978-83-89885-51-4	HNB GOVT PG COLLEGE NAINI PRAYAGRAJ	MANISHA PUBLICATION
5	DR. SANJAY YADAV AND DR. BHASKAR SHUKLA	HISTORY AND FOUNDATION OF PHYSICAL EDUCATION					2020	978-83-89885-51-5	HNB GOVT PG COLLEGE NAINI PRAYAGRAJ	MANISHA PUBLICATION
6	DR. HARISH KUMAR VERMA	BHARTEEY SAMAJ ME NAREE	BHARTEEY SAMAJ ME NAREE ASMITA				2021	978-81-949668-0-7	HNB GOVT PG COLLEGE NAINI PRAYAGRAJ	DEV VANI PUBLICATION
7	DR. ARCHANA RAI	PREMCHAND KE UPANYASO ME RAJNEETIK CHETNA					2020	978-81-946884-5-7	HNB GOVT PG COLLEGE NAINI PRAYAGRAJ	GOYAL PUBLICATIONS
8	DR. P.C. MISHRA AND DR SHRADDHA TIWARI	ADVANCES IN BIOSCIENCES	COMPARATIVE STUDIES OF STOMATA OF NEPALESE PTERIDOPHYTES				2020	978-81-948583-0-0	HNB GOVT PG COLLEGE NAINI PRAYAGRAJ	ANUSANDHAN PRAKASHAN
9	DR. POONAM SHUKLA	THREE MAJOR DIMENSIONS OF LIFE:ENVIRONMENT, AGRICULTURE AND HEALTH	TOXIC EFFECT OF PESTICIDES OF HEALTH AND ENVIRONMENT				2020	978-81-923535-7-9	HNB GOVT PG COLLEGE NAINI PRAYAGRAJ	SBSRD PRAYAGRAJ

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वैदिक समस्याओं के
समाधान की व्यावहारिक विधि



डॉ० इन्दु प्रकाश सिंह

Self Artist and

author of the book

गीता का नैतिक दर्शन

वैश्विक समस्याओं के समाधान की
व्यावहारिक विधि

लेखक

डॉ० इन्दु प्रकाश सिंह

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ISBN

978-93-5377-013-6

Barcode



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The Changing Paradigms of
INDIAN FOREIGN POLICY

भारतीय विदेश नीति
के बदलते प्रतिमान

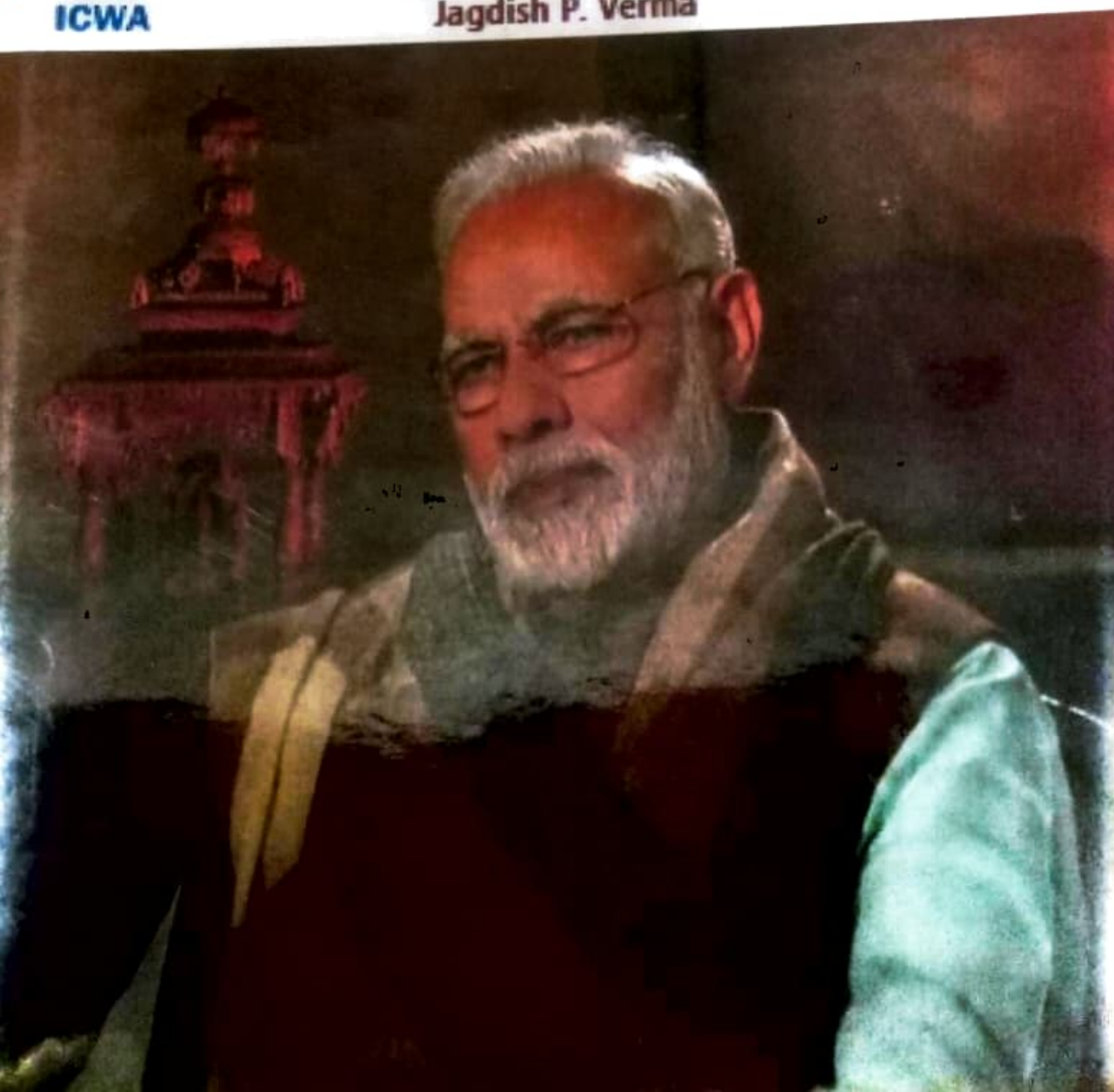


EDITORS

Ajay Mohan Srivastava

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Editors

ISBN : 978-93-82171-94-2

Price Rs : 1200/-

First Edition : 2020

Laser Type Settings :
Priya Computers, Lucknow - 226008
Ph. 7678632331

Publisher

PRATYUSH PUBLICATIONS

B- 57, GALINO 15, West Karawal Nagar, Delhi - 110094

HEAD OFFICE

JP- 535, Jairajpuri, Gauri, Sarojini Nagar, Lucknow - 226008

Phone : 7678632331, 9651090738

Email - ayushmangroupofpublications@gmail.com

Published by Pushpendra dubey for Pratyush Publications
Delhi And Printed At Arpit Offset Delhi - 110094

**The Changing Paradigms of
INDIAN FOREIGN POLICY**

(भारतीय विदेश नीति के बदलते प्रतिमान)

By

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Dr. Ram Avatar

Dr. Jagdish P. Verma

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चीन के प्रति भारतीय विदेशनीति

डॉ. दीपक

प्रत्येक राज्य अपने राष्ट्रीय हितों की सुरक्षा के लिए 'विदेशनीति' निर्धारण करता है, जो मुख्य रूप से कुछ सिद्धांतों, हितों एवं उद्देश्यों पर समूह होता है जिनके माध्यम से वह राज्य दूसरे राष्ट्रों के साथ सम्बन्ध स्थापित करके उन सिद्धांतों की पूर्ति करने हेतु कार्यरत रहता है। भारत की स्वतंत्रता के बाद जिस विदेश नीति का निर्माण किया वह देश की सामाजिक संस्कृति तथा राजनीतिक परम्परा को प्रतिबिम्बित करती है। भारत की विदेश नीति निम्नलिखितों के समूह परचीन विचार-सौरभ्य का दर्शन उपलब्ध कर प्रथम प्रधानमंत्री जवाहर लाल नेहरू ने समस्त अर्थोत्पन्न के आधारों पर एक निश्चय किया और अंतरराष्ट्रीय शांति तथा अंतरराष्ट्रीय विवाद का शांतिपूर्ण समाधान जैसे सूत्रों का संकीर्ण रूप समित किया तथा मुक्तियुद्ध को अपनी विदेश नीति में महत्वपूर्ण स्थान देना

वैश्विक मामलों में भारत ने जिस तरीके से अपनी सुरक्षा किया उसे देखते हुए वह कहना गलत नहीं होगा कि भारत की विदेश नीति निरन्तर सज्जद, स्वायत्त तथा राष्ट्रीय हितों को साधने वाली बनी रहती दे रही है। इसका प्रत्यक्ष प्रमाण हम वर्तमान की बार महाशक्ति के परस्पर संघर्ष को साधने की भारत की कूटनीतिक सक्रियता में दे रहा है। ये बार महाशक्तियाँ हैं - अमेरिका, रूस चीन तथा यूरोप। अमेरिका, रूस और चीन का विरोधी है। रूस और चीन में भारत और चीन में प्रतिद्वन्द्वितापूर्ण मित्रता है। रूस का विरोध वास्तविक अमेरिका से भारत के सम्बन्ध लगातार बेहतर हो रहा है। रूस और अमेरिका और इरान के बीच अरब-इराक युद्ध के बाद से जिस तरीके से संधा है वह वास्तविक अंतरराष्ट्रीय शांति का बहुत अच्छा उदाहरण कह जा सकता है। चीन का विरोध भारत का विरोध है। चीन के अलावा दूसरे अरब-इरान युद्ध के बाद भारत का विरोध है। चीन के अलावा दूसरे अरब-इरान युद्ध के बाद भारत का विरोध है। चीन के अलावा दूसरे अरब-इरान युद्ध के बाद भारत का विरोध है।



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2021

EMERGING TRENDS IN SCIENCE AND TECHNOLOGY
(Concepts and Applications)

ISBN: 978-81-949641-0-0

First Edition : 2021

Price : 700/-

800/200

The responsibility for facts stated, opinion expressed or conclusion reached and plagiarism, if any, in this book is entirely that of Author. The publisher/Editor/Editorial Board bears no responsibility for them whatsoever.

Published by
Krishna Computer Sansthan
63/59, Mori, Daraganj
Prayagraj – 211006 (U.P.)
Contact +91-9450407739
Email: krishnacompusersansthan@gmail.com

Printed by
Infinity Imaging Systems
New Delhi

Journal of Beliefs and Technology
 Volume 1, Issue 1, 2012
 ISSN 2278-0181
 ISBN 978-81-948641-0-0

Fuzzy Logic as a Tool in Sensory Evaluation of Food Products

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Abstract: Linguistic input informations viz., "not satisfactory, fair, medium, good and excellent" given by the judges of sensory panel are utilized for describing the sensory attributes viz., color, flavor, overall acceptability, texture and mouth feel etc. of food products. These inputs are mathematically converted in triplets of five point standard fuzzy scale which expresses the degree of incomprehensibility in human thinking. The overall information of the food samples and the quality attributes in its triplet for transformed mathematically into six point output standard fuzzy scale viz. satisfactory, Somewhat Necessary, Necessary, Important, Highly Important, Extremely Important. Acceptance, rejection, and ranking, along with strong and weak characteristics are concluded regarding the food product under study. 14

Introduction:

Sensory evaluation is the field in which human senses like; sight, taste, touch, smell and hearing etc. are basic tools to obtain the information about the product. The sensory characteristics of food are assessed qualitatively but not precisely in a quantitative form. So the information acquired by human senses is always uncertain and imprecise. This causes problem in modeling and management of uncertain knowledge using sensory evaluation process (Martinez, 2007). Generally, subjective evaluation is done for the sensory data like color, flavor, texture, mouth feel and overall acceptability (OAA) of the products and these data are analyzed statistically (Stone & Sidel, 2004). Acceptance or rejection of any food product is not possible which is based on these inquiries of the strength and weakness of specific sensory attribute. The reasoning process of sensory evaluation is expressed in linguistic terms of operators and experts (Perrot et al., 2006). Thus the uncertain and vague information in this type of problem, the linguistic decision analysis to sensory evaluation can be used to model and manage

ABOUT THE BOOK

As a basic concept it is from human body that performs in various sports and physical activities, exercises etc. It means that no physical activities, exercises, performances etc., can be performed with the help of human body. Anatomy and physiology are interrelated with each other and without understanding anatomy and physiology, we cannot even think of physical education and sports.

Initially anatomy investigates the basic structure of the body and the interrelationships between various body parts. Physiology is the scientific discipline that deals with the processes or functions of living things, or the study of body functions. It allows us to understand and predict the body's responses to stimuli, as well as understand how the body maintains conditions within a narrow range of values in the presence of a continually changing environment.

ABOUT THE AUTHORS



Dr. Bhaskar Shukla is Assistant Professor of Physical Education at H.N.B. Government P.G. College, Naini, Prayagraj (UP). He holds M.P.E., M.Phil. and Ph.D. degrees from LNIPE, Gwalior. He also qualified UGC-NET (JRF).

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His areas of specialisation are: Yoga and Football.



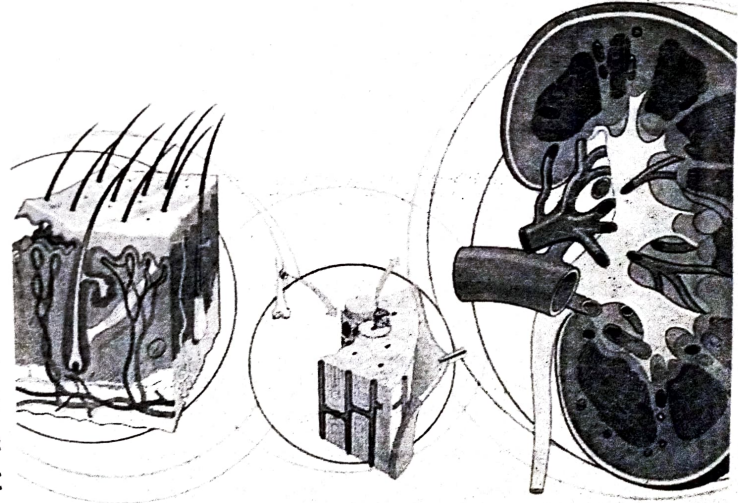
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Mob. 9818804536, 9811195333

E-mail: manishabooks111@gmail.com

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MANISHA PUBLICATION
 7/100, A Block, Swaroop Vihar, Kadipur, Delhi - 110036
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 E-mail: manishabooks121@gmail.com
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डॉ. अर्चना सिंह



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प्रेमचंद
के उपन्यासों
में
राजनीतिक चेतना

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प्रवक्ता (हिन्दी),
हेमवती नन्दन बहुगुणा
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नैनी, प्रयागराज



गोयल पब्लिकेशन्स

नई दिल्ली- 110002

प्रेमचंद के उपन्यासों में राजनीतिक चेतना

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प्रथम संस्करण : 2020

₹ 650

आई.एस.बी.एन. 978-81-946884-5-7

इस पुस्तक के लेखक से उपलब्ध सामग्री, जानकारी एवम् कुशलता का प्रयोग कर इस पुस्तक को सम्पन्न किया है। इस पुस्तक के आधार पर की जाने वाली किसी भी प्रकार की कार्यवाही के लिए प्रकाशक उत्तरदायी नहीं होगा।

प्रकाशक : गोयल पब्लिकेशन्स

भू तल, 4855/24, अंसारी रोड,
दरियागंज, नई दिल्ली- 110002

दूरभाष- 9999819813

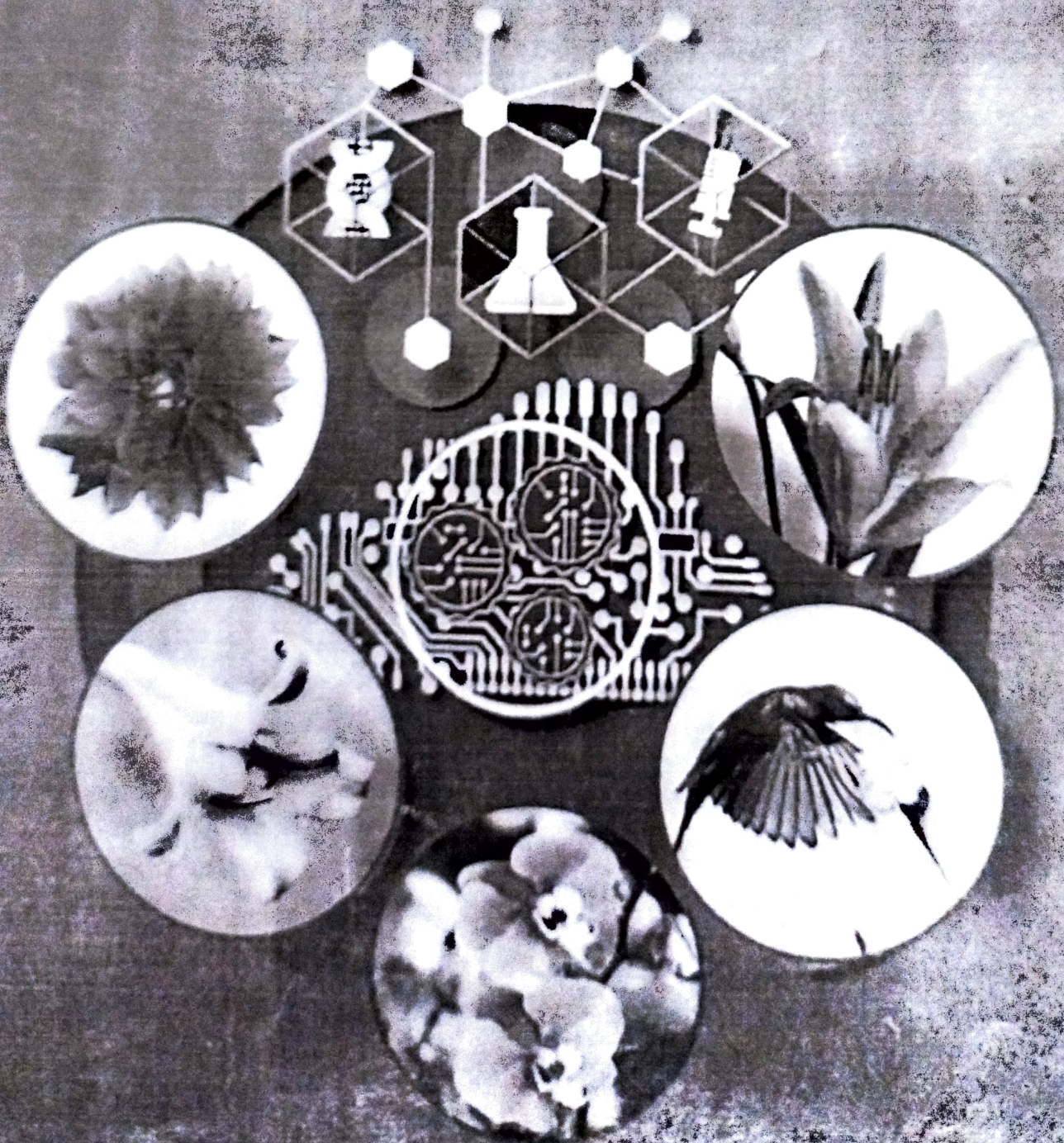
ई-मेल:- goelpublications@gmail.com

शब्द संयोजक : अंकिता ग्राफिक्स, दिल्ली - 110084

मुद्रक : जी एस ऑफसेट प्रिन्टर्स, दिल्ली- 110052

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Comparative Studies of Stomata of Nepalese Pteridophytes

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Abstract

From a long time epidermal details of pteridophytes was a working area for the workers. They have given so many details of it. Stomata is a very peculiar structure of lower surface usually which show several difference itself. A suggestion for a complete terminology for stomata according to their ontogeny was presented by Pant (1965). There is increasing acceptance of their basic concepts, although some problems remain unsettled, especially regarding the distinction between this terminology and the traditional morphological terminology describing mature stomata (Van Cotthem, 1970).

Usually the term subsidiary cells and neighbouring cells are more prominent in describing the stomata (Van Cotthem 1970). Neighbouring cell is, the epidermal cell surrounding the stoma when they are indistinguishable from those of the remainder of the epidermis (Cotthem 1970). As the point of view of ferns, Pant, Nautiyal and Khare (1979) has described the epidermal structure in some leptosporangiate fern and Pant and Khare (1969, 1971) has described in eusporangiate ferns and allied plants.

Keywords Stomata, Ferns, Subsidiary cells, Allied plants .



ISBN : 978-81-923535-7-9

Three Major dimensions of life :
Environment,
Agriculture and Health



Editors :

Hemlata Pant , A. R. Siddiqui, Neetu Mishra , Manoj Kumar Singh,
Jyoti Verma, Sandeep Kushwaha, Shishu Pal Singh, Piyush Raman Pandey



SOCIETY OF BIOLOGICAL SCIENCES AND RURAL DEVELOPMENT
10/96, Gola Bazar, New Jhusi, Allahabad (Prayagraj) - 211 019 (U.P.), India



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TOXIC EFFECT OF PESTICIDES OF HEALTH AND ENVIRONMENT

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Abstract

With the increase in population, there was a need to increase the productivity of crops so that increasing demand of food supply can be met. This made scientists to develop various pesticides. Pesticides are the chemicals that prepared in laboratory to prevent or destroy the unwanted organisms or plants that lessen the productivity of crops. Earlier, it finds success in this. And farmers used to use various pesticides indiscriminately and inappropriately. Later on many adverse effects have been found to be associated with its use. Extensive use of pesticides affected human health as well as environment badly. It is affecting the biodiversity and ecological balance. Thus, this is the time to focus on organic farming as well development of safer pesticides.

Introduction

Pesticides are the substances or mixture of substances that are intended for preventing, destroying, repelling any pest. Pesticides are generally chemicals but some made from natural materials such as plant, or animals. The term "pesticide" describes a very large and diverse group of chemicals or products. Use of any chemical to control pests was first reported by Sumerians 4500 years ago. They also used to dust elemental sulphur for pest control. Rigveda mentions the use of poisonous plant for pest control. 17th century witnessed the use of nicotine based pesticides. After the First World War there was a need to search for such type of pesticides to enhance the food production. As a result in 1940s, there was sudden rise in the production of synthetic pesticides worldwide. DDT, Pyrethrin, Triazines were most commonly and frequently used pesticides. Till 1950s, use of pesticides was considered advantageous and manufacturers began to produce large amounts of pesticides and their use became widespread. There was no concern for its adverse effect on human or on environment.

Figure : 1 - Application of Pesticides on nature.

