3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

Cover page, content page and first page with ISBN numbers, title, author, Department/ School/ Division/ Centre/ Unit/ Cell, name and year of publication of selected publications as per DVV query are given below:

Title: Comparative study of dye removal using PANI/TiO2 and PANI/GNS nanocomposites

Author: Dr. J. N. Ramteke

Department: *Physics*

Name and year of publication: Springer Proceedings in Physics 242

ISBN number: 978-981-15-2293-2

Contents

Pa	rt I Nanomaterials and Nanotechnology	
1	LPG Sensing Properties of Electrospun In-Situ Polymerized Polyaniline/MWCNT Composite Nanofibers Pallavi T. Patil, Pravin S. More and Subhash B. Kondawar	3
2	Colour Tunable Photoluminescence from Samarium and Dysprosium Co-doped ZnO Nanofibers Chaitali N. Pangul, Shyamkant W. Anwane and Subhash B. Kondawar	19
3	Electromagnetic Interference Shielding Effectiveness of Graphene Based Conducting Polymer Nanocomposites Prerna R. Modak, Deoram V. Nandanwar and Subhash B. Kondawar	31
4	Phase Separated Structures of Mixed Carrageenan Gels Elucidated Using Particle Tracking Lester C. Geonzon and Shingo Matsukawa	41
Pa	rt II Recycle Composites	
5	Synthesis of Na-P Zeolite from Geothermal Sludge D. F. Fitriyana, Hazwani Suhaimi, Sulardjaka, R. Noferi and Wahyu Caesarendra	51
6	Green Composites Based on Poly (Lactic Acid) and Bamboo Fiber: Flame Retardancy, Thermal, and Mechanical Properties Yeng-Fong Shih and Zhong-Zhe Lai	61

Part III Green Composites

7	Study of Morphology and Environmental Propertiesof Styrene-Butadiene Rubber-Carbon Black NanocompositesRajesh H. Gupta, Rani V. Mankar and Wasudeo B. Gurnule	73
8	Comparative Study of Dye Removal Using PANI/TiO2and PANI/GNS NanocompositesJitendra N. Ramteke, Neha V. Nerkar and Subhash B. Kondawar	87
9	Electrospun Eu(TTA) ₃ Phen/Polymer Blend Nanofibers for Photoluminescent Smart Fabrics Manjusha P. Dandekar, Sangeeta G. Itankar, Deoram V. Nandanwar and Subhash B. Kondawar	95
10	Influence of Polymer in Photoluminescence Properties of Electrospun Eu ³⁺ Doped Polymer Nanofibers Sangeeta G. Itankar, Manjusha P. Dandekar, Pankaj M. Koinkar and Subhash B. Kondawar	107
Par	t IV Mechanical Materials	
11	The Effect of Compressed Air Pressure and Stand-off Distance on the Twin Wire Arc Spray (TWAS) Coating for Pump Impeller from AISI 304 Stainless Steel D. F. Fitriyana, Wahyu Caesarendra, S. Nugroho, G. D. Haryadi, M. A. Herawan, M. Rizal and R. Ismail	119
12	An Application of High Temperature Gas Nitriding (HTGN) Method to Improve the Quality of Implant Materials 316L and 316LVM. A. Suprihanto, D. F. Fitriyana, Armila and Wahyu Caesarendra	131
13	Effect of Variable Loading on Very High Cycle Fretting Fatigue of Chromium-Molybdenum Steel Kyosuke Nomura, Naoki Tonooka, Yoshinobu Shimamura, Hitoshi Ishii, Tomoyuki Fujii and Keiichiro Tohgo	143
Author Index		
Sub	ject Index	153

Content page

х

Springer Proceedings in Physics 242

Ri-Ichi Murakami · Pankaj M. Koinkar · Tomoyuki Fujii · Tae-Gyu Kim · Hairus Abdullah *Editors*

NAC 2019

Proceedings of the 2nd International Conference on Nanomaterials and Advanced Composites



Ri-Ichi Murakami · Pankaj M. Koinkar · Tomoyuki Fujii · Tae-Gyu Kim · Hairus Abdullah Editors

NAC 2019

Proceedings of the 2nd International Conference on Nanomaterials and Advanced Composites



Copyrighted material

Inner Cover Page

Advances in Agricultural Biotechnology Vol. 1

Semiochemicals, Pheromones and Their Applications in Insect Pest Management

Author: Dr. P. U. Gajbe

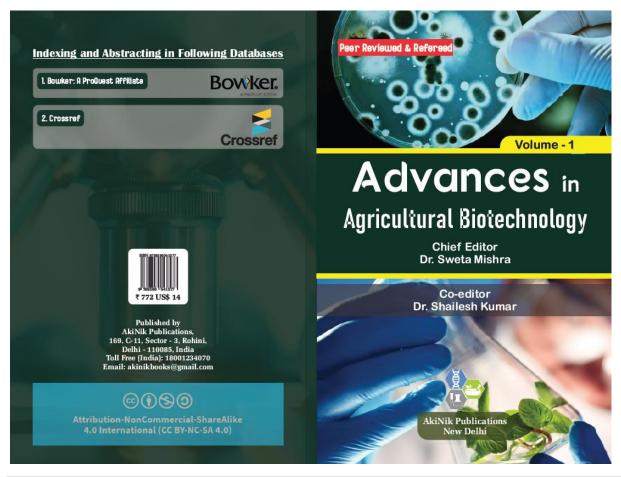
Department: Zoology

Name of publisher: AkiNik Publications, New Delhi

Year of publication: 2020

ISBN number: 978-93-90541-57-7

https://doi.org/10.22271/ed.book.1026



Advances in Agricultural Biotechnology

Volume - 1

Chief Editor

Dr. Sweta Mishra Associate Professor, Department of Fingerprinting, College of Biotechnology, SVPUA & T, Modipuram, Meerut, Uttar Pradesh, India

Co-editor

Dr. Shailesh Kumar Assistant Professor-cum Scientist, Department of Botany and Plant Physiology, FBS & H, Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur, Bihar, India

> AkiNik Publications New Delhi

> > 16

Inner Cover Page

Contents

Chapters	Page No.	
1. Positional Cloning of Gene in Wheat (Triticum aestivum L.) (A Premkumar, Darshana Bisht and Neeraj Pal)	01-13	
 Gene Silencing Technology: Expanding Horizons (Sakshi Singh and Yogendra Singh) 	15-28	
 Semiochemicals, Pheromones and Their Applications in Insect Pest Management (Pawan U. Gajbe) 	t 29-44	
 Crop Improvement with a Reverse Genetics Approach (Mainak Barman and Anirban Sil) 	45-64	
 Insights into Agricultural Technology: An Avenue towards Modernization (S. Thiravengadam Subramaniyan, S. Gokula Narayanan, R. Kamalesh and S Ivo romauld) 	65-91	
 Bioinformatics Resources and Their Application in Advance Agriculture (Jyoti Rani) 	93-117	
7. Role of Bioinformatics in Study of Phylogenetics (Deepak Pal, Charu Bisht, Himanshu Chaudhary, P.K Pandey, Birendra Prasad and Amit Kumar Gaur)	119-139 i	
 Physiological and Molecular Approaches to Improve Drough Resistance in Oil Seed Crops (Chandrashekhara G and Hasanali Nadaf) 	t 141-163	

Content Page

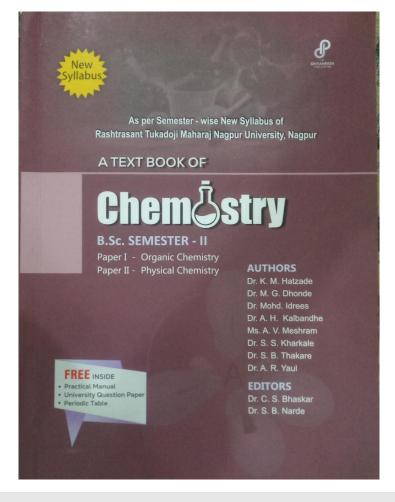
Title: Text Book of Chemistry B Sc Semester-II

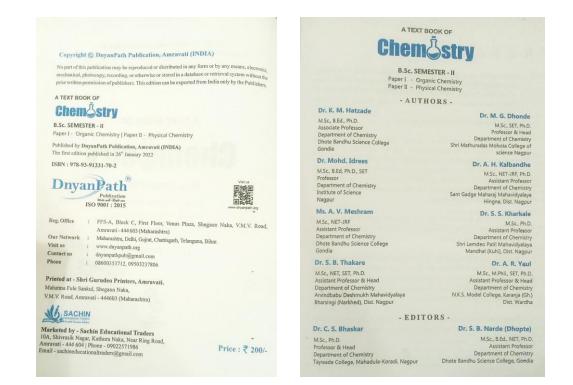
ISBN number: 978-93-91331-70-2

Author: Dr. M. G. Dhonde

Department: Chemistry

Name and year of publication: Dnyanpath, 2021





First page

- INDEX -	
PAPER - I	
Unit - I A) Structure and Bonding	1
B) Mechanism of Organic Reactions	13
Unit - II A) Stereochemistry of Organic Compounds	25
B) Geometrical Isomerism	35
Unit - III A) Alkanes and Cycloalkanes	41
B) Alkenes	55
Unit - IV A) Dienes and Alkynes	67
B) Aromatic Compounds & Aromaticity and Fuel Cl	nemistry 79
PAPER - II	
Unit - I A) Thermodynamics	99
B) Thermodynamics	117
Unit - II A) Phase Equilibria	129
B) Solutions of Liquid in Liquid	141
Unit - III A) Chemical Kinetics	157
B) Chemical Kinetics	173
Unit - IV A) Nuclear Chemistry	
 B) Pollution and its Control 	181 191
PRACTICALS	191
Practical I: Organic Chemistry	
Practical II: Physical Chemistry	203
Appendix	223
Previous Years University Question Papers - eferences	
erences	254
	2.54

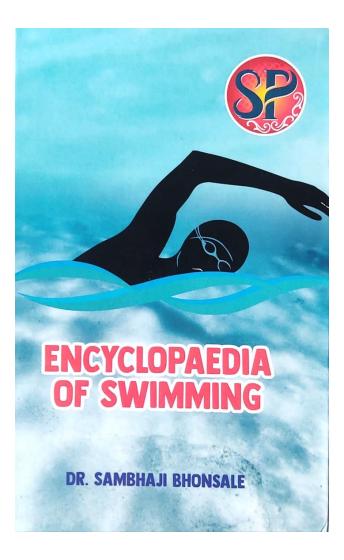
Content page

Title: Encyclopedia of swimming

ISBN number: 9788195104420

Author: Dr. S. S. Bhonsale

Department: *Department of Physical Education and Sports* Name and year of publication: *Sport Publication*, 2021



ENCYCLOPAEDIA OF SWIMMING

Edited & Compliled by Dr. Sambhaji Bhonsale Ph.D., M.P.Ed., B.Com Director (Physical Education & Sports) Shri Mathuradas Mohota College of Science, Nagpur, Maharashtra



India's First Publisher & Asia's No. 1 Stockist of Physical Education & Sports Books 7/26, Ground Floor, Ansai Road,Daryagani, New Delhi-110002 Mobile No.:919.9999146721, 9666028838 || Land Line No.:011-65749511, 23240261 info@sportspublication.net || www.sportspublication.net



Published by:



SPORTS PUBLICATION

India's First Publisher & Asia's No. 1 Stockist of Physical Education & Sports Books 7/26, Ground Floor, Ansari Road, Daryagani, New Delhi-110002 Mobile No.+91-999916/71, 1986026383 Land Line No.: 011-65749511, 23240261 info@sportspublication.net || www.sportspublication.net

© 2021 Publishers

I.S.B.N: 978-81-951044-1-3

PRINTED IN INDIA 2021

All Rights Reserved

No part of this publication may be stored in a retrievalsystem, transmitted, or reproduced in anyway, includingbut not limited to photocopy, photograph, magnetic orother record, without the prior agreement and writtenpermission of the publisher.

Laser Typeset by: Sports Printographics 7/26, Ground Floor, Ansari Road, Daryaganj New Delhi-110002

Printed by: TRIDENT ENTERPRISES, New Delhi.

Price: ₹400/-

PART 1

FRONTCRAWL

CONTENTS

1.	Introduction	1-5
2.	Coaching Tips for Frontcrawl Swimming	6-13
3.	Frontcrawl Swimming Skills	14-26
4.	Frontcrawl Turning	27-33
5.	Propulsion in Frontcrawl Swimming	34-40
6.	International Syposium of Biomechanics	and
	Medicine in Frontcrawl Swimming's	
	Strokes	41-48
7.	Performance-Enhancing Coaching Tips for	
	Frontcrawl Swimming	49-68
8.	Frontcrawl Swimming Programmes	
	for the Learners	69-80

PART 2

BREASTSTROKE

CONTENTS

1. Introduction	1-3
2. Brief History of Breaststroke Swimming	4-6
3. Breaststroke Skills and Techniques	7-39
4. Some Safety Guidelines	40-43
5. Physical Fitness for Breaststrokers	44-57
6. Rules of Breaststroke Swimming	58-64

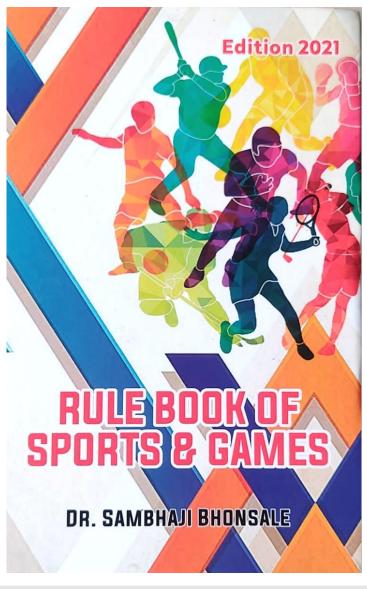
Content page

Title: Rule Book of sports & Games

ISBN number: 9788195104420

Author: Dr. S. S. Bhonsale

Department: *Department of Physical Education and Sports* Name and year of publication: *Sport Publication*, 2021



RULE BOOK OF SPORTS & GAMES

DR. SAMBHAJI BHONSALE

Ph.D., M.P.Ed., B.Com Director (Physical Education & Sports) Shri Mathuradas Mohota College of Science, Nagpur, Maharashtra



India's First Publisher & Asia's No. 1 Stockist of Physical Education & Sports Books 7/26, Ground Floor, Ansari Road, Daryaganj, New Delhi-110002 Mobile No.:+91-9999146721, 9868028838 || Land Line No.: 011-65749511, 23240261 info@sportspublication.net || www.sportspublication.net

Contents	and a start of the
Chapter-1 BADMINTON	1
Chapter-2 BALL BADMINTON	5
Chapter-3 BASKETBALL	8
Chapter-4 BASKETBALL PLAYING COURT	13
Chapter-5 BEACH VOLLEYBALL HISTORY	17
Chapter-6 BOXING	20
Chapter-7 CHESS	25
Chapter-8 CRICKET	27
Chapter-9 FENCING	30
Chapter-10 FOOTBALL	33
Chapter-11 GYMNASTICS	38
Chapter-12 IANDBALL	43

(vi)	
Chapter-13 HOCKEY	
Chapter-14 KABADDI	47
Chapter-15 KHO-KHO	51
Chapter-16 SWIMMING	58
Chapter-17 7TABLE TENNIS	62
Chapter-18 TENNIKOIT	67
Chapter-20 THROWBALL HISTORY	71
Chapter-21 VOLLEYBALL	78
Chapter-22 ATHLETICS	82
Chapter-23 STEEPLECHASE RACES	97
Chapter-24 COMBINED EVENTS	99
Chapter-25 FIELD EVENTS	104
Chapter-26 VERTICAL JUMPS (HIGH JUMP AND POLE VAULT)	107
Chapter-26 POLE VAULT	110

(vii)	
Chapter-27 LONG JUMP	113
Chapter-28 TRIPLE JUMP	115
Chapter-29 SHOT PUT CIRCLE	118
Chapter-30 DISCUS	120
Chapter-31 DISCUS THROW CIRCLE	122
Chapter-32 HAMMER THROW	123
Chapter-33 HAMMER CAGE	125
Chapter-34 JAVELIN THROW	126
UNIT-35 PRINCIPLES AND TECHNIQUES OF SUPERVISION	128

Content pages

Regarding the inclusion of publications with ISSN, we wish to clarify that these publications have been included because the question is about conference proceedings as well. The conference proceedings have ISSN and not ISBN and hence, we would like to disagree to the DVV suggested output and would like to claim the points as they were claimed in the original SSR.

The link to evidence of all publications claimed in 3.3. 2.1 is as follows:

https://assessmentonline.naac.gov.in/storage/app/hei/SSR/106566/3.3.2_1674566566_10122.pdf