



# PUNE RESEARCH TIMES

AN INTERNATIONAL JOURNAL OF CONTEMPORARY STUDIES (ISSN 2456-0960)  
SPECIAL ISSUE ( FEB 2019 ) (JIF 3.18)

**Patrons**

Hon. Shri. Prakash Solanke  
President, M.S.P. Mandal, Amravati & K. Shiv. Mandals, Maharashtra  
Hon. Shri. Satish Chavan (M.L.C.)  
Secretary, M.S.P. Mandal, Amravati  
Hon. Shri. Jaysing Solanke  
Chief Minister, C.D.C., Dhule-2 Stage  
Hon. Shri. Lohajji Chavan  
Member, C.D.C., Dhule-2 College  
Hon. Shri. Shivraj Awargaonkar  
Member, C.D.C., Dhule-2 College  
Hon. Shri. Ajaysinh Dikshat  
Member, C.D.C., Dhule-2 College  
Hon. Shri. Indrajit Jadhav  
Member, C.D.C., Dhule-2 College  
Hon. Prof. Mukund Sawant  
Member, C.D.C., Dhule-2 College  
Hon. Dr. Ram Shingare  
Member, C.D.C., Dhule-2 College

**Organizers**

Prin Dr. Shivdas Z. Shirvath  
Chief Organizer

Prof. M. A. Jogade  
Vice Principal

Dr. M. B. Tot  
Vice Principal

Dr. G. K. Kakade  
Dep. Secretary

Dr. D. H. Banjewar  
Convener

**Organizing Committee**

Dr. L. B. Jadhav  
Dr. M. N. Gokhadkar  
Dr. D. M. Telang  
Dr. D. B. Jadhav  
Mr. G. D. Borasikar  
Mr. V. D. Kapsewar  
Mr. S. S. Waghmare  
Dr. V. B. Kulkarni  
Dr. N. B. Kamthar

Dr. A. D. Lakhe  
Dr. M. S. Wadhikar  
Dr. D. M. Bhatti  
Dr. S. S. Chaudhari  
Mr. G. D. Sagar  
Mr. R. V. Patilwar  
Mr. M. G. Barhad  
Dr. K. R. Desai  
Mr. V. S. Kamthare

**Venue**

Conference Hall  
Arts, Commerce & Science College,  
Kille-Dharur Dist. Beed Pin- 431124

**A One-Day National Conference**  
On  
**Intellectual Property Rights and Patents**  
(IPRP-2019)  
14<sup>th</sup> February 2019



**Organized by**  
Internal Quality Assurance Cell (IQAC)  
M.S.P. Mandal's  
**ARTS, COMMERCE & SCIENCE COLLEGE,**  
KILLE-DHARUR, DIST. BEED - 431124 (M.S.)  
(NAAC Reaccredited 'A' grade) (ISO-9001:2015)  
Phone No. (02445) 274129, 274187  
Fax No. (02445) 274129  
E-mail: aesc@killedharur.mspmandal.in  
Visit us: www.killedharurcollege.in

**National Advisory Committee**

Dr. Ganesh Hegde  
Dr. Jagannath Patil  
Dr. Subax R. Kulkarni  
Dr. Shivaji Thore  
Ms. Farid Omza Tanveer  
Dr. H. K. Awade  
Prof. Ms. Adha Kelkar

Prin. R. T. Deshmukh  
Prof. Poojash Patil  
Dr. Ajay S. Thakur  
Prof. C. Baghavreddy  
Prin. Dr. N. B. Panar  
Prof. Dr. Anur John  
Dr. P. P. Sharma

**State Advisory Committee**

Dr. Pramod A. Pawar  
Dr. Mangesh Gore  
Dr. Vishnu Patil  
Dr. S. S. Undare  
Dr. Rohidas Nitode  
Dr. Sanjay Jadhav  
Dr. V. B. Jadhav  
Dr. Deepak Nanwar  
Dr. Balaji Navle

Prin. Dr. R. T. Bedre  
Dr. Shantlal Ghegade  
Dr. S. P. Gokhadkar  
Dr. Kalyan Sunawane  
Dr. C. K. Harnawale  
Dr. Parag Shah  
Dr. Sanjay Dixit  
Dr. Shivam Sarje  
Dr. M. S. Wankhede

**INVITATION**

We cordially invite you for a One-Day National Conference on "Intellectual Property Rights and Patents" on 14<sup>th</sup> February 2019. The Intellectual Property (IP) is a category of property that comprises intangible creations of the human intellect. Intellectual property encompasses two types of rights - (a) Industrial Property Rights (Trademark, Patents, designations of origin, industrial designs and models) and (b) Copyright. It was not till the Nineteenth century that the term, "Intellectual Property" began and in the recent time, it has become the commonplace in the majority of the world.


The main aim of Intellectual Property Law is to encourage the creation of a large variety of goods. To obtain this, the law gives people and businesses property rights to the information and intellectual goods.

**About Us**

The M.S.P. Mandal has 60 years of history as the flagship of higher education in varied parts of Maharashtra. It is a leading centre of higher education in the region. Arts, Commerce & Science College, Kille-Dharur, Dist. Beed is reaccredited by NAAC with 'A' grade. It is the first graded college to face NAAC Re-accreditation in the entire Maharashtra region in the Second Cycle. Kille-Dharur is a historical place famous for artists, fort, Goddess Amba Chandi with a beautiful greenery surrounding hilly area. It is famous for Khawar and Custard Apples.

**Holy Places in Vicinity :** Goddess Yogeshwari & Place of Saint Mukundraj, Ambegogaj - 35Km, Parali (Vajranath) - 60 Km

**How to Reach Dharur**



**Theme & Sub-Themes of Conference**

(a) Introduction to Intellectual Property Rights  
(b) History of Intellectual Property Rights  
(c) IP : Need of the hour  
(d) Significance of IP and Copyright  
(e) Violation of Intellectual Property Rights  
(f) Types of Intellectual Property Rights  
(g) Trademark, Patents and Copyright  
(h) Steps for obtaining Patent  
(i) The ACTA trade Agreement, The Uniform Trade Secrets Act and the Trademark Infringement  
(j) Limitations and Exceptions to Copyright  
(k) How to obtain Patent from SFIP ?

**Call for Papers**

The Abstract and full length research papers are invited on the main and subthemes related to the topic for oral or power point presentation and can be submitted to [ganjewarnd@gmail.com](mailto:ganjewarnd@gmail.com) up to 10<sup>th</sup> February 2019. Selected papers will be published in a Book having ISBN / ISSN Peer-Reviewed Online Journal. The text should be in (MS-Word 2003-2007), Times New Roman, 12 Font size with 1.5 Spacing

**Contacts :**  
Dr. D. H. Banjewar 7123064863 ganjewarnd@gmail.com  
Dr. G. K. Kakade 9423383767 gkakade27@gmail.com  
Mr. G. D. Sagar 9691621669 gds@kille@gmail.com

**Registration**

Duly filled Registration Forms with D.D. drawn in favour of the Principal, Arts, Commerce & Science College, Kille-Dharur, Dist. Beed should reach us before 10<sup>th</sup> February 2019.

**Registration Fees**

Delegate / IQAC Coordinators : Rs. 400/-  
For Each Paper Publication: Rs. 400/-  
Research Student : Rs. 300/-

Maharashtra Shiksha Prasarak Mandal's  
**ARTS, COMMERCE & SCIENCE COLLEGE,**  
KILLE-DHARUR, DIST. BEED  
A One-Day National Conference  
**Intellectual Property Rights and Patents**  
(IPRP-2019)  
14<sup>th</sup> February 2019  
**REGISTRATION FORM**

Name (Block Letters) \_\_\_\_\_  
Designation: \_\_\_\_\_  
Address (College): \_\_\_\_\_  
Tel. No. \_\_\_\_\_  
Mob. No. \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Title of the Paper : \_\_\_\_\_  
Registration Fees Rs. \_\_\_\_\_  
D. D. No. \_\_\_\_\_  
Bank : \_\_\_\_\_  
Place : \_\_\_\_\_  
Date: \_\_\_\_\_

\* Last date of Receipt of Registration Form : 10<sup>th</sup> February 2019  
\* Photo copy of this form can be used.

Signature of the Participant \_\_\_\_\_



# PUNE RESEARCH TIMES

**AN INTERNATIONAL JOURNAL OF CONTEMPORARY STUDIES (ISSN 2456-0960)**  
**SPECIAL ISSUE ( FEB 2019 ) (JIF 3.18)**

**Patrons**

**Hon. Shri. Prakash Solanke**  
President, M.S.P. Mandal, Arts & Science Mandal (M.S.)

**Hon. Shri. Satish Chavan (M.L.C.)**  
Secretary, M.S.P. Mandal, Nanangadhar

**Hon. Shri. Jayasing Solanke**  
Chief Minister, P.C.C. Dhara College

**Hon. Shri. Lohhaji Chavan**  
Member, C.D.C. Dhara College

**Hon. Shri. Shivraj Awargoanekar**  
Member, C.D.C. Dhara College

**Hon. Shri. Ajaysinh Dikhhath**  
Member, C.D.C. Dhara College

**Hon. Shri. Indrajit Jadhav**  
Joint Member, P.C.C. Dhara College

**Hon. Prof. Mukund Sawant**  
Joint Member, P.C.C. Dhara College

**Hon. Dr. Ram Shingare**  
Joint Member, P.C.C. Dhara College

**Organizers**

**Prin Dr. Shivdas Z. Shirsath**  
Chief Organizer

**Prof. M. A. Jagade** Vice Principal  
**Dr. M. B. Tat** Vice Principal

**Dr. K. R. Desai** Org. Secretary  
**Dr. L. B. Jadhavar** Convener

**Registration Fees**

- Faculty Members : Rs. 800/- (Per paper publication) : Rs. 500/- (without Paper)
- Research scholars : Rs. 700/- (Per paper publication) For students : Rs. 400/- (without Paper)
- Industrial persons : Rs. 1000/-

Note : The registration fees includes Conference Kit, Abstract Book-CD, Tea, Breakfast, & Lunch.

**Mode of payment**  
All payment to be made either by D.D./NEFT drawn in favor of The Principal, Arts, Commerce and Science College, Kille-Dharur, Dist. Beed.

**Contact**  
Dr. L.B. Jadhavar - Cell No. 8579469881  
lahu\_jadhavar@rediffmail.com  
Dr.K.R. Desai - Cell No. 9403788310

**A One-Day National Conference**  
On  
**Nanomaterials and Their Applications Critical**  
[NCNA-2018/19]  
**14<sup>th</sup> February 2019**

**Organized by**  
**Department of Physics**  
Convener  
**Dr. L. B. Jadhavar**  
Associate Professor and Head, Department of Physics  
M.S.P. Mandal's  
**ARTS, COMMERCE & SCIENCE COLLEGE,**  
KILLE-DHARUR, DIST. BEED - 431124 ( M.S.)  
(NAAC Reaccredited 'A' grade) ISO 9001 : 2015  
Phone No. (02445) 274129, 274187  
Fax No. (02445) 274129  
E-mail: aycs@killedharurmspmandal.in  
Visit us: www.killedharurcollege.in

**National Advisory Committee**

Dr. R. G. Kulkarni, Belgaon  
Dr. P. K. Pujan, BARC, Mumbai.  
Dr. K. M. Jadhav, Dr. B. A. M. U., Aurangabad.  
Dr. S. I. Patil, Pro-VC, Solapur University  
Dr. K. B. Modi, Saunastrot University, Rajkot.  
Dr. Prasad P. Phadnis, BARC, Mumbai.  
Dr. A. V. Ghute, Shivaji University, Kolhapur.  
Dr. K. Y. Raghure, Shivaji University, Kolhapur.  
Dr. A. V. Venkatesman, Gulbarga Uni., Gulbarga  
Dr. P. S. Patil, Shivaji University, Kolhapur.  
Dr. D. Ravinder, Osmania University, Hyderabad.  
Dr. R. L. Rabagkar, Gulbarga University.  
Dr. R. B. Jotania, Gujarat University.  
Dr. Mazhar Farooq, Dean, Science and Eng.  
Dr. V. B. Patil, Solapur University  
Dr. V. V. Navarkhete, Dr. B. A. M. University  
Dr. R. B. Sharma, Dr. B. A. M. University  
Prin. R. T. Deshmukh, CDO, MSP Mandal, A-bad.

**State Advisory Committee**

Prin. Dr. B. U. Jadhav  
Prin. Dr. M.M. Samak  
Dr. A.R. Shriv  
Prin. Dr. A.B. Pandit  
Dr. V.S. Rajarambalkar  
Dr. A. B. Kadam  
Dr. U.B. Dixtam  
Dr. S. S. More  
Dr. S.V. Rajmane  
Dr. N.N. Waghmare  
Dr. J.M. Bhandari  
Dr. Sanjay Kamble  
Dr. Jayaj Kadam  
Dr. B.J. Lone

Prin. Dr. V.P. Pissar  
Dr. S. J. Shukla  
Dr. D.R. Sherguile  
Prin. Dr. S.P. Nimhose  
Dr. V. S. Kausale  
Dr. R. J. Tappere  
Dr. S. S. Bhande  
Dr. R.V. Khatane  
Dr. S.V. Khatrisagar  
Dr. Ram Kadam  
Dr. S. S. Bhande  
Dr. Santosh Jadhav  
Dr. R.B. Kavade  
Dr. N. K. Raut  
Dr. S.S. Javate Patil

**Local Organizing Committee**

Dr. M.N. Gokhade  
Dr. S.S. Choudhari  
Dr. D.M. Telange  
Dr. M.S. Wadikar  
Dr. A.D. Lakhe  
Dr. D.M. Bharti  
Dr. D.N. Ganjowar  
Dr. D.B. Jadhav  
Mr. G.D. Bavskar  
Mr. N. N. Shukla

Dr. G.K. Kakade (in-vice)  
Mr. G. D. Sagar  
Mr. V. D. Kapawar  
Mr. B. V. Patilwad  
Mr. N.S. Waghmare  
Mr. M.G. Rathod  
Dr. V. B. Kule  
Dr. N.S. Kumbhar  
Mr. V.S. Kumbhare  
Mr. A. K. Gade

**Invitation**

Dear Sir/Madam,  
On behalf of Organizing Committee, it is a great privilege and pleasure to invite you all for the One Day National Conference on, "Nanomaterials and Their Applications (NCNA-2018/19) Critical" to be held on 14th February, 2019 at Seminar Hall, Arts, Commerce and Science College, Kille-Dharur, Dist. Beed.

**Scope of the Conference**

Nanomaterials are defined as that materials whose size lie between 1 – 100 nm. Nanomaterials exhibit excellent properties like nanosize, large surface to volume ratio and hence have many technological applications. Nanotechnology is the branch of technology that deals with dimensions and tolerances of less than 100 nanometres, especially the manipulation of individual atoms and molecules. Nanotechnology can be defined as the manipulation of matter with at least one dimension sized from 1 to 100 nanometers. This definition reflects the fact that quantum mechanical effects are important at this quantum-room scale. This increasing demand has opened up broad horizons for the scientists to explore the Nanomaterials with their wonderful properties. The Nano devices are expected to play a key role in gifting the future with clean, sustainable and highly efficient energy storage devices. This conference focuses to explore the novelty of Nano materials & their applications in many technological devices.

In view of importance of nanomaterials and their applications in several fields such as information technology, aeronautics, healthcare etc, a National Conference on, "Nanomaterials and Their Applications (NCNA-2018/19)" is being organized on 14th February, 2019 by the Department of Physics, of M.S.P. Mandal's Arts, Commerce and Science College, Kille-Dharur.

The main aim of the conference is Exchange of Technological Advancements in the field of the Nanostructured Materials and Nanotechnology. NCNA-2019 aims in proclaiming knowledge and sharing new ideas among the research scholars, faculties, professionals and industrialists from research areas of Nanotechnology by sharing their research experiences and exchange in interactive discussions and special sessions at the event.

The programme will include Keynote address, Plenary sessions, Oral and Poster presentations. It provides you an excellent to present your work to a broad audience of experts and key opinion leaders. The attending participants can contribute their participation by registering for the conference along with your colleagues.

Eminent Scientist from National Laboratories/ Institutions will deliver invited Talks.

**About the Organization and College**

The M.S.P. Mandal is one of the pioneer, leading institute in this Marathwada region. Presently the M. S. P. Mandal runs 22 senior colleges, 40 Junior Colleges, 60 Secondary Schools and 06 English medium Schools, 13 Marathi Medium Primary Schools. This Arts, Commerce & Science college Kille-Dharur is established in June 1972 and is leading institute in higher education in this rural area. The college is well known for the quality of education. The College has been re-credited by the NAAC with A grade. The alumni of the college and department are rendering their jobs in various government and private sectors.

**Conference topics:**

- Nanomaterials
- Nanomaterials for solar energy and applications
- Nano solar array
- Ferrie and ferroelectric materials
- Nano optics
- Nano biotechnology
- Synthesis of functional nanomaterials
- Semiconductor nanomaterials

**Call for papers:**

The Abstract and full length research papers should be typed in the Times new Roman font size 12 with line spacing 1.5. This text must be in MS-word 2003-2007. The selected papers will be published in the peer reviewed journal. Send the full length paper before 10th February 2019. Send your full length papers to lahu\_jadhavar@rediffmail.com

**About the city:**

The Kille-Dharur city is situated in the interior part of the Marathwada region and is famous for the fort constructed by the Adilshah in 15th century on the hills and is surrounded by the great valleys. The market of the city is popular for the Khewra and Custard apple.

**Holy Places in Vicinity:**

Godness Yogeshwari 30 km.  
Park Vajrapath 70 Km

Marathwada Shikshan Prasarak Mandal's  
**ARTS, COMMERCE & SCIENCE COLLEGE,**  
**KILLE-DHARUR, DIST. BEED**  
A One-Day National Conference  
on  
**Nanomaterials and Their Applications Critical**  
[NCNA-2018/19]  
**14<sup>th</sup> February 2019**

**REGISTRATION FORM**

Name (Block Letters) \_\_\_\_\_

Designation: \_\_\_\_\_

Address (College): \_\_\_\_\_

Tel. No. \_\_\_\_\_

Mob. No. \_\_\_\_\_

E-mail: \_\_\_\_\_

Title of the Paper : \_\_\_\_\_

Registration Fees Rs : \_\_\_\_\_

D. D. No. \_\_\_\_\_

Bank : \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

\* Last date of Receipt of Registration Form : **10<sup>th</sup> February 2019**

\* Photo copy of this form can be used.

Signature of the Participant \_\_\_\_\_



**PUNE RESEARCH TIMES (ISSN 2456-0960)**

**AN INTERNATIONAL JOURNAL OF CONTEMPORARY STUDIES SPECIAL ISSUE FEB 2019**

**SPECIAL ISSUE ( FEB 2019 ) (JIF 3.18)**

[www.puneresearch.com/times](http://www.puneresearch.com/times)

editorpuneresearch@gmail.com

## CONTENTS (A)

Sr No	NAME OF THE ARTICLE	AUTHOR	ARTICLE
Feb-19	CONTENTS	<a href="http://www.puneresearch.com/times">www.puneresearch.com/times</a>	AREA
1.1.1	ROLE OF LIBRARIAN IN IMPLEMENTATION OF COPYRIGHT	S. B. MASKE	LIBRARY
1.1.2	INTELLECTUAL PROPERTY RIGHTS	A. R. BOBADE	LIBRARY
1.1.3	STEPS FOR OBTAINING PATENT	GANESH BABRUWAN JAMBALDARE	LIBRARY
1.1.4	SIGNIFICANCE OF IP SYSTEM IN ACADEMICS	DR. NIRMAL SAHUJI DR. RAGAVENDRA TOPARE	LITERATURE
1.1.5	NEED AND IMPORTANCE OF INTELLECTUAL PROPERTY	DHANAJI ARYA ATKARE KAILASH ANKUSHRAO	INTELLECTUAL PROPERTY
1.1.6	CONTOURS AND NUANCES OF INTELLECTUAL PROPERTY RIGHTS, COPY RIGHTS AND PATENTS: A FEW EXPLORATIONS	DR. SANJAY B. SALUNKE DR. NAVLE BALAJI ANANDRAO	INTELLECTUAL PROPERTY
1.1.7	INTELLECTUAL PROPERTY RIGHTS (IPR): COPYRIGHT	DR. RAMDAS B. TEKALE	LIBRARY
1.1.8	INTELLECTUAL PROPERTY RIGHTS (IPR) : AN OVERVIEW	DR. SAWAI A. B.	LIBRARY
1.1.9	HISTORY OF INTELLECTUAL PROPERTY RIGHTS AND ITS ROLE	DR. NILIMA RAJENDRA BANKAR	LIBRARY
1.1.10	TYPES OF INTELLECTUAL PROPERTY RIGHTS	DR. CHOUDHARI REKHA LAXMANRAO	COMMERCE
1.1.11	TYPES OF INTELLECTUAL PROPERTY RIGHTS	GAIKWAD VRUNDAVANI VENKATRAO	LIBRARY

**NATIONAL CONFERENCES (NCNA - 2019 & IPRP - 2019) 14 FEB 2019**

**SPECIAL ISSUE –FEB 2019 [www.puneresearch.com/times](http://www.puneresearch.com/times) (MS) INDIA**

**(IMPACT FACTOR 3.18) INDEXED, PEER-REVIEWED / REFEREED INTERNATIONAL JOURNAL**



**PUNE RESEARCH TIMES (ISSN 2456-0960)**

**AN INTERNATIONAL JOURNAL OF CONTEMPORARY STUDIES SPECIAL ISSUE FEB 2019**

**SPECIAL ISSUE ( FEB 2019 ) (JIF 3.18)**

[www.puneresearch.com/times](http://www.puneresearch.com/times)

editorpuneresearch@gmail.com

## CONTENTS

Sr No	NAME OF THE ARTICLE	AUTHOR	ARTICLE
Feb-19	CONTENTS	<a href="http://www.puneresearch.com/times">www.puneresearch.com/times</a> <a href="mailto:editorpuneresearch@gmail.com">mes</a>	AREA
1.1.12	INTELLECTUAL PROPERTY RIGHTS: NEED AND IMPORTANCE	VISHNU M. PAWAR DR. GOVIND S. GHOGARE GOPAL D. SAGAR	LIBRARY
1.1.13	SIGNIFICANCE OF INTELLECTUAL PROPERTY RIGHTS AND COPYRIGHT	DR. AHILYA BHARATRAO BARURE	INTELLECTUAL PROPERTY
1.1.14	INTRODUCTION TO INTELLECTUAL PROPERTY RIGHTS (IPR)	WARVATE SADASHIV BALASAHEB	LIBRARY
1.1.15	SIGNIFICANCE OF INTELLECTUAL PROPERTY RIGHTS	DR. D. N. GANJEWAR DR. CHALINDRAWAR GANESH KISHANRAO	INTELLECTUAL PROPERTY
1.1.16	INDIAN CULTURE DEPICTED IN MODERN INDIAN FICTION	DR. D. N. GANJEWAR KUCHEKAR SHAILAJA BABURAO	INTELLECTUAL PROPERTY
1.1.17	THE ROLE OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN TEACHING AND LEARNING	R. G. VIDHATE	LANGUAGE
1.1.18	INTRODUCTION TO INTELLECTUAL PROPERTY RIGHTS (IPR) -A STUDY	DR. MALSHETTE YOGESH T.	INTELLECTUAL PROPERTY

**NATIONAL CONFERENCES (NCNA - 2019 & IPRP - 2019) 14 FEB 2019**

**SPECIAL ISSUE –FEB 2019 [www.puneresearch.com/times](http://www.puneresearch.com/times) (MS) INDIA**

**(IMPACT FACTOR 3.18) INDEXED, PEER-REVIEWED / REFEREED INTERNATIONAL JOURNAL**





**SPECIAL ISSUE ( FEB 2019 ) (JIF 3.18)**

[www.puneresearch.com/times](http://www.puneresearch.com/times)

editorpuneresearch@gmail.com

## CONTENTS (B)

Sr No	NAME OF THE ARTICLE	AUTHOR	ARTICLE
Feb-19	CONTENTS	<a href="http://www.puneresearch.com/times">www.puneresearch.com/times</a>	AREA
1.1.1	INFLUENCE OF PARTICLE SIZE ON STRUCTURE AND MAGNETIC PROPERTIES OF CADMIUM FERRITE (CdFe <sub>2</sub> O <sub>4</sub> ) NANOPARTICLES	ATUL P. KECHE ASHOK V. HUMBE S. S. DESHMUKH MANISHA R. PATIL M. N. SARNAIK S. J. SHUKLA K. M. JADHAV	PHYSICS
1.1.2	STRUCTURAL, MAGNETIC AND INITIAL PERMEABILITY PROPERTIES OF Ni <sub>0.33</sub> Zn <sub>0.63</sub> Fe <sub>2</sub> O <sub>4</sub> SPINEL FERRITE	J. M. BHANDARI R. G. VIDHATE S. R. NIMBHORE R. B. KAWADE N. N. WAGHULE K. M. JADHAV	PHYSICS
1.1.3	STRUCTURAL AND OPTICAL PROPERTIES OF ZnS FOR STUDY OF THICKNESS DEPENDENT THIN FILMS	S. K. DEVADE A. P. PACHKAWADE	PHYSICS
1.1.4	TEMPERATURE DEPENDENT DIELECTRIC RELAXATION STUDY OF LORAZEPAM AND ETHANOL BINARY MIXTURE AT MICROWAVE FREQUENCY USING TIME DOMAIN REFLECTOMETRY TECHNIQUE	A. K. DONGARE P. W. KHIRADE S. B. SAYYAD	PHYSICS
1.1.5	NANOPARTICLES: A NOBEL REVOLUTIONARY INVENTION FOR BIOMEDICAL SCIENCES	DR. GULBHILE SHAMSUNDAR DHONDIRAM SARWADE D. VASANT	ZOOLOGY
1.1.6	ZnO NANORODS : SYNTHESIS AND APPLICATIONS	SHRINIVAS C. MOTEKAR	CHEMISTRY
1.1.7	ON AUGMENTED POLYNOMIALS OF GRAPHENE	N. K. RAUT G. K. SANAP	PHYSICS
1.1.8	ELECTROCHEMICALLY SYNTHESIS AND CHARACTERIZATION OF POLYANILINE THIN FILM	PRASHANT P. GEDAM MAHENDRA D. SHIRSAT	PHYSICS

**NATIONAL CONFERENCES (NCNA - 2019 & IPRP - 2019) 14 FEB 2019**

**SPECIAL ISSUE -FEB 2019 [www.puneresearch.com/times](http://www.puneresearch.com/times) (MS) INDIA**  
**(IMPACT FACTOR 3.18) INDEXED, PEER-REVIEWED / REFEREED INTERNATIONAL JOURNAL**



**PUNE RESEARCH TIMES (ISSN 2456-0960)**

**AN INTERNATIONAL JOURNAL OF CONTEMPORARY STUDIES SPECIAL ISSUE FEB 2019**

**SPECIAL ISSUE ( FEB 2019 ) (JIF 3.18)**

[www.puneresearch.com/times](http://www.puneresearch.com/times)

editorpuneresearch@gmail.com

## CONTENTS

Sr No	NAME OF THE ARTICLE	AUTHOR	ARTICLE
Feb-19	CONTENTS	<a href="http://www.puneresearch.com/times">www.puneresearch.com/times</a>	AREA
1.1.9	STRUCTURAL AND DYNAMIC PROPERTIES OF POLAR LIQUIDS USING TIME DOMAIN REFLECTOMETRY IN MICROWAVE FREQUENCY	V. P. PAWAR SHAGUFTA TABASSUM	PHYSICS
1.1.10	POLYANILINE MATRIX FOR THE DEVELOPMENT OF CYBERNETICS	P. D. GAIKWAD	PHYSICS
1.1.11	INFLUENCE OF CADMIUM SUBSTITUTION ON DIELECTRIC PROPERTIES OF NI-Cu FERRITES	R. B. KAVADE R. G. VIDHATE J. M. BHANDARI S. J. SHUKLA K. M. JADHAV	PHYSICS
1.1.12	STUDY OF EFFECT OF SUBSTITUTION OF CADMIUM IN COPPER FERRITE BY WET CHEMICAL CO-PRECIPIATION METHOD	S. V. RAJMANE U. B. DINDORE S. V. KHIRSAGAR K. M. JADHAV	PHYSICS
1.1.13	STUDY OF MAGNETIC PROPERTIES OF MgZnxMnxFe <sub>2-2x</sub> O <sub>4</sub> SPINEL FERRITE SYSTEMS	S. V. KSHIRSAGAR S. S. RAUT P. R. MAHESHMALKAR S. J. SHUKLA K. M. JADHAV	PHYSICS
1.1.14	COMPARATIVE STUDY OF DIELECTRIC PROPERTIES OF CuO/ZnO NANOCOMPOSITE IN 1:1, 1:2 and 2:1 WEIGHT RATIO	SAYYAD S. B. G. G. PATIL KHIRADE P. W.	PHYSICS
1.1.15	VEGETATION AREA ESTIMATION USING MICROWAVE C-BAND SIR-C SAR IMAGE	SAYYAD S. B. SHAIKH M. A. AJIT KUMAR KHIRADE P. W.	PHYSICS
1.1.16	MASS ATTENUATION COEFFICIENT, TOTAL ATOMIC CROSS-SECTION AND TOTAL ELECTRONIC CROSS-SECTION OF Ni <sub>0.3</sub> Zn <sub>0.5</sub> Cu <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> FERRITE	V. K. BAROTE D. E. KAKADE C. M. KALE A. A. PANDIT	PHYSICS

**NATIONAL CONFERENCES (NCNA - 2019 & IPRP - 2019) 14 FEB 2019**

**SPECIAL ISSUE -FEB 2019 [www.puneresearch.com/times](http://www.puneresearch.com/times) (MS) INDIA**

**(IMPACT FACTOR 3.18) INDEXED, PEER-REVIEWED / REFEREED INTERNATIONAL JOURNAL**



# ARADHYA



## INTERNATIONAL PUBLICATION

### PUNE RESEARCH INTERNATIONAL JOURNALS

[editorpuneresearch@gmail.com](mailto:editorpuneresearch@gmail.com)

**INDEXED, PEER-REVIEWED / REFEREED ONLINE  
INTERNATIONAL JOURNAL WITH IMPACT FACTOR**

[www.puneresearch.com](http://www.puneresearch.com)

CLICK HERE TO VISIT

### PUNE RESEARCH

AN INTERNATIONAL JOURNAL  
IN ENGLISH

(ISSN 2454-3454)

Impact Factor 3.02 (IIJIF)

CLICK HERE TO VISIT

### PUNE RESEARCH SCHOLAR

AN INTERNATIONAL  
MULTIDISCIPLINARY JOURNAL

(ISSN 2455-314X)

(Impact Factor 3.14)

CLICK HERE TO VISIT

### PUNE RESEARCH TIMES

AN INTERNATIONAL JOURNAL OF  
CONTEMPORARY STUDIES

(ISSN 2456-0960)

(Impact Factor 3.18)

CLICK HERE TO VISIT

### PUNE RESEARCH DISCOVERY

AN INTERNATIONAL JOURNAL  
OF ADVANCED STUDIES

(ISSN 2455-9202)

(Impact Factor 3.01)

PUNE RESEARCH

[myogesh22@yahoo.com](mailto:myogesh22@yahoo.com)

+91- 9403981666

+91- 7588246810

+91- 9850829095

**DR. YOGESH MALSHETTE**  
Editor-in-Chief

CLICK HERE TO VISIT

### PUNE RESEARCH WORLD

AN INTERNATIONAL JOURNAL OF  
INTERDISCIPLINARY STUDIES

(ISSN 2455-359X)

(Impact Factor 3.02)

