



**3.2.2 - Number of workshops/seminars conducted  
on Research Methodology, Intellectual  
Property Rights (IPR) and entrepreneurship  
during the year-2021-22**

**Documents**

**3.2.2 Oral and poster presentations and  
Broacher of the conference**



Sangola Taluka Shetkari Shikshan Prasarak Mandal Sangola's

## Vidnyan Mahavidyalaya, Sangola.

Tal-Sangola, Dist-Solapur, MH-413307, India.

(Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur.)

**Department of Physics in Collaboration with Internal Quality Assurance Cell (IQAC)**

organizes

### International e-Conference on Recent Trends in Nano-Materials and Its Applications-2022(RTNA-2022)

(dated April 22-23, 2022)

#### Resource Persons



**Prof. Jae Cheol Shin**  
Dongguk University,  
South Korea



**Dr. Sreekanth TVM**  
Yeungnam University,  
South Korea



**Dr. M. Vasudeva Reddy**  
Yeungnam University,  
South Korea



**Dr. Sonaimuthu Mohandoss**  
Yeungnam University,  
South Korea

#### Chief Patron

**Hon'ble Mr. Chandrakant Deshmukh**  
Director, STSSPM

**Hon'ble Mr. Vitthalrao Shinde**  
Secretary, STSSPM

#### Organizing Committee

**Dr. R. A. Fule**  
(Acting Principal)

**Mr. B. B. Navale**  
(Head of Dept.)

**Dr. S. S. Dhasade,**  
(Convener)

**Dr. J. V. Thombare**  
(Organizing Secretary)

**Mr. A. M. Kambale**  
(Treasurer)

**Dr. D. K. Bandgar**  
(Member)

**Dr. S. M. Mane**  
(South Korea)

**Dr. S. T. Navale**  
(Spain)

#### About Registration & Conference Proceeding

E-Certificate to be provided to those who will register, attend and fill the feedback form.

**Last date of registration:** 20 April, 2022.

**Registration Link:**

<https://forms.gle/sThctfpXEuhjbHVYA>

Email: 2022rtna@gmail.com

Conference Date: April 22-23, 2022

Paper Publication

Research papers will be published in

• UGC Approved Journal Number 64011

• International Peer reviewed Thomson

Reuters, Open access Scientific Journal

• Online ISSN: 2395-602X

• Print ISSN: 2395-6011

• DOI: 10.32628, Index Copernicus : 49.58

• Individual certificate to soft copy to all authors

Soft copy of CD cover and proceeding of the conference if needed.

Contact No.: 9422652388, 9284555463, 9890776585, 9860477067, 9673922572, 7798033087

Registration Fees submission details: The registration fees along with paper publication charges may be paid online/ Paytm/ Phone pay / Internet Banking to

Account Name: VidnyanMahavidyalaya, Sangola

Bank Name: Bank of Maharashtra

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IFSC: MAHB0001467; MICR Code: 413014079

Fees details:

Category	Registration fee	Paper Publication charges
Students	Rs. 100/-	Rs. 800/-
Academics	Rs. 200/-	Rs. 800/-
Industry	Rs. 1000/-	Rs. 800/-
Foreign Delegates	USD 20	USD 50

Submission of Papers: Interested authors are requested to submit full-length manuscript of research paper in MS-Word 2007 or MS-Word 2010 including Paper Title, Names of all the authors and e-mail address of corresponding authors. The font should be Times New Roman, Size-12. The maximum length of manuscripts is limited to four pages. Paper sent by e-mail to conference E-mail address: 2022rtna@gmail.com.



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Department of Physics in collaboration with Internal Quality Assurance Cell (IQAC) organizes an **International e-Conference on Recent Trends in Nano-Materials and Its Applications-2022 (RTNA-2022)** Dated on April 22-23, 2022, Conference E-mail:2022rtna@gmail.com

-:Oral and Poster Presentations:-

### Oral Presentations

(Date: April 22, 2022)

**OP1)** Self-focusing of Gaussian Laser Beam in Collisionless Plasma with Linear Absorption

Author: **Mr. Kalyani Y. Khandale**, Shivaji University, Kolhapur

**OP2)** Simulations Commercial BJT with Temperature for Space and Radiation Rich Environment Applications.

Author: **C M Dinesh**, Department of Physics, Govt. First Grade College and PG centre, Chintamani-563125, India.

**OP3)** Study of Dielectric and Field Modulation studies in Polymer Nanocomposites,

Author: **C. V. Chanmal**, DBF Dayanand College of Arts and Science, Solapur

### Poster Presentations

(Date: April 23, 2022)

**PP1)** Antimicrobial activity of CdS quantum dots mediated by *Aegle marmelos* leaves

Authors: **T.R. Deore**, M D Dhiware, S.B. Nahire, A.B. Gawande

**PP2)** CuO nanoparticles mediated by Coffee powder extract: An Impeder of *Candida albicans* biofilm

Authors: **P. G. Jadhav**, A.B. Gawande

**PP3)** High stability  $Mn_2O_3/MnCO_3$  microcubes synthesized by hydrothermal method for supercapacitor application

Authors: **O. C. Pore**, D. S. Sawant, A. S. Shelake, D. B. Mane, V. J. Fulari, G. M. Lohar

**PP4)** Growth study on entire replacement of Zn by Mn into  $\text{Cu}_2\text{ZnSnS}_4$  thin films by SILAR method

Authors: **H. C. Yadav**, B. V. Patil, S. S. Dhere, R. M. Shaikh , S. B. Duchal , A. M. More

**PP5)** Thin Films of  $\text{Cu}_2\text{ZnSnS}_4$  (CZTS) grown via replacement of Zn by Mg using SILAR method

Authors: **A. K. Bagal**, M. S. Shinde, K. S. Gund, G .V. Patil, A. M. Rajage, A. M. More