

Rayat Shikshan Sanstha's
Arts, Science & Commerce College Ramanandnagar (Burli)
DEPARTMENT OF PHYSICS
2020-21
One Day National e-Conference on
“Emerging Trends in Physical Sciences (NCEPTS-2020)”

BRIEF REPORT

Department of Physics, Arts Science and Commerce College Ramanadnagar (Burli) in collaboration with IQAC successfully organised a one day National e-conference on **"Emerging Trends In Physical Sciences"** (NCEPTS-2020). The conference was conducted on Wednesday, 22 July 2020.

Key note address was given by **Prof (Dr) Pramod Patil (Former dean, faculty of science and technology , Head department of Physics, Shivaji University, Kolhapur.)**

Dr.Vanita Raut, Assistant Professor,coordinator of the e-conference and Head of the department highlighted departmental activities. **Dr.Gauri Patil** Assistant Professor and Convenor of the e-conference gave an excellent speech on theme of e-Conference

Honorable Principal Dr.L.D.Kadam delivered presidential speech. **First session** was delivered by **Dr.Habib Pathan** Assistant professor, Department of Physics , Savitribai Phule Pune University, Pune spoke on emerging trends in physics. In **second session** **Dr .Dipak Patil** Assistant Professor ,Yeungam University Gyeongsan,South Korea delivered excellent lecture on ME composites for magnetic energy harvesting. In **third session**, **Dr.Rajeshkumar Hyam sir** talked about nanostructures from electrochemical synthesis techniques.

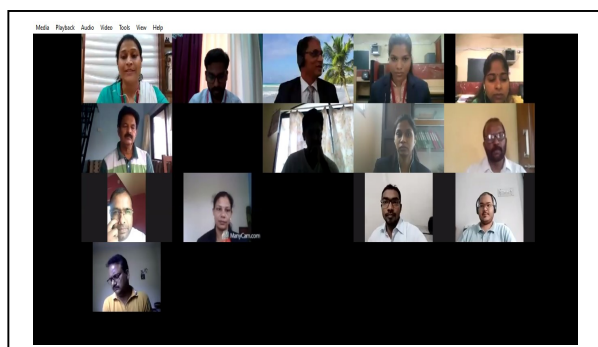
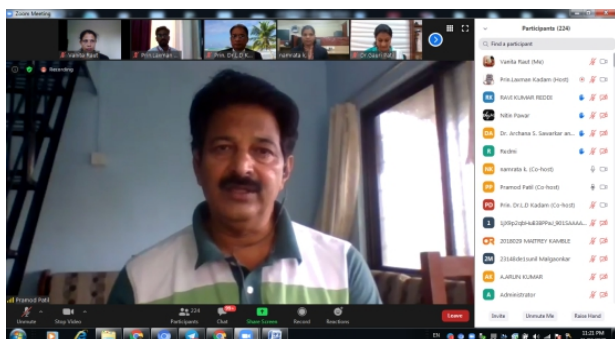
The **fourth session** of the e-conference was of oral and poster presentations. Total 40 candidates submitted abstracts for oral and poster presentations. **Three best oral** and **Three best poster** were selected by **Professor (Dr).K.Y.Rajpure** Shivaji University, Kolhapur and **Dr. Sarfraj Mujawar**, Assistant Professor in physics working at Y. C College Satara who examined the oral and poster presentations.

Vote of thanks was delivered by **Dr.U.V.Patil**, IQAC Co-ordinator of the college.

Total Beneficiary: **837**

Outcome:- 1. Various emerging trends in Physical sciences were discussed.

2. A stage was provided to emerging research scholars to represent their work through oral and poster presentations.



Dr. Gauri Patil
(Convenor, NCEPTS 2020
and Assistant Professor)

Dr. Vanita Raut
(Co-ordinator NCEPTS 2020
and Head, Dept of Physics)

Dr. L. D. Kadam
(Principal)

Glimpses of “National e-conference on emerging trends in physical sciences...”




Rayat Shikshan Sanstha's
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One Day National e-Conference on
“Emerging trends in Physical Sciences”
 Organized by
Department of Physics in Collaboration with IQAC,

About Department
 Department of Physics is one of the leading departments of the College. The department has well experienced and qualified staff engaged actively in research. It conducts various co-curricular and extra-curricular dynamic activities. Department of Physics organizes One day National e-conference on “Emerging trends in Physical Sciences

Date : 22nd July 2020 (Wednesday) Time: 11 am-3pm
Venue: at your home (through Zoom)
Free Registration
Contact us at : Mobile: 9284599411
Registration Link:
<https://forms.gle/AAcNmtDuBD6UlyTA>
e-mail: deptofphysicsmagar@gmail.com
Join telegram Link:
<https://t.me/joinchat/P9zraUbaWCSXm0cFRAG0w>

Important: Full papers will be published in ES Journals after peer review process. No Publication charges for this special issue. Participants are advised to mail oral and poster presentation before to deptofphysicsmagar@gmail.com. 21st July 2020 (10 am). Conference offers 3 awards for best oral presentations. The award consists of cash prizes with certificate of appreciation.

About Conference:
 The purpose of the conference is to build up deeper perceptive of physics research and it's applications to encourage learners; to percolate knowledge of recent breakthroughs in physics, both the fundamental and technological aspects; This conference will provide a unique platform to scientists to encourage research scholars, academicians, professionals and students, engaged in their respective field related to physical sciences.

Presentation topics:

- Super capacitor
- Sensors, Nano-bio sensors
- Solar cells, optoelectronic materials
- Energy storage devices
- Thin films and thick films
- Photo-catalytic materials
- Piezo-electric materials
- Semiconducting materials
- Nanomaterials and their applications
- Fuel cells, Composite materials
- Super hydrophobic surfaces
- New emerging research area

Researchers are informed that oral and poster presentation session has been organized during fourth session. Hence researchers are advised to prepare their oral presentation of **four minutes** duration and poster of size **1m x 1 m**. Abstract should be in English not more than 550 words. Title of paper should be bold and capital. Author name and Institute address should be centered including email address and phone numbers. Researchers have to use Times New roman font for abstract. Font size for title, author name, and Institute address should be 16, 14 and 12 respectively. The name of presenting author should be underlined. Abstract should be 1.5 spaced with margin 2.5 cm on all sides. Abstract book will be published with all accepted manuscripts.

• **Keynote address** Invited Speakers

Prof.(Dr.) Pramod Patil
 Former Dean, Faculty of Science and Technology
 Shivaji University, Kolhapur

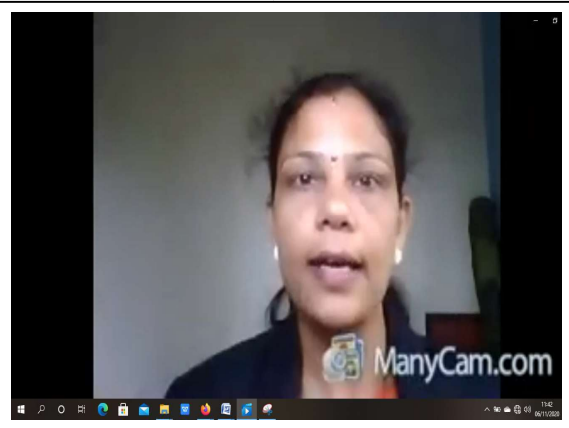
Session I
Dr. Habib Pathan
 Assistant Professor
 Savitribai Phule Pune University
 Pune, Maharashtra

Session II
Dr. Deepak Patil
 Assistant Professor
 Yeungnam University
 Gyeongsan, South Korea

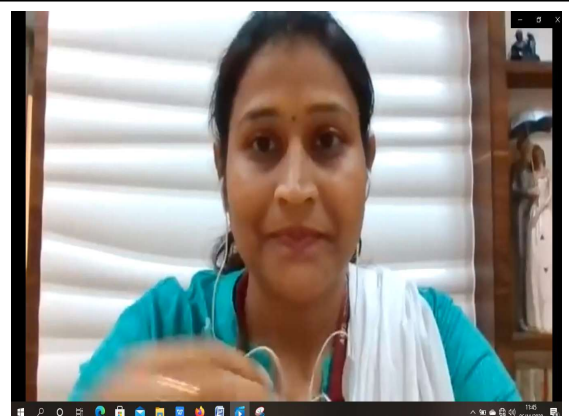
Session III
Dr. Rajeshkumar Hyam
 UGC, Assistant Professor
 Department of Physics
 Goa University, Goa

With warm regards

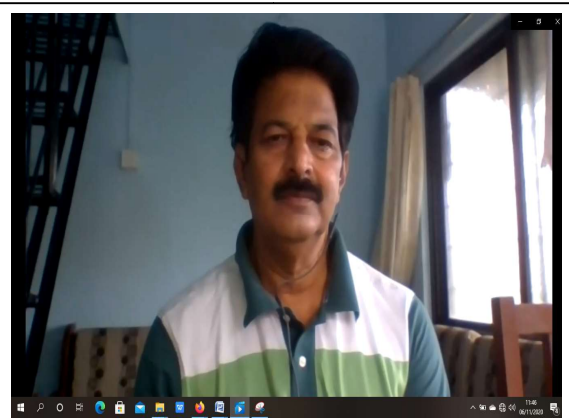
Dr. Laxman D. Kadam, Principal, A. S. C. College Ramanandnagar (Burl), Tal: Palus, Dist: Sangli, Maharashtra, India.
 Dr. Vanita S. Raut, Head and Coordinator, Department of Physics.
 Dr. Gauri R. Patil, Convenor, Emerging trends In Physical Sciences.
 Ms. Namrata J. Kamble, Organising Secretary, Emerging trends in Physical Sciences.
 Dr. Hilsavala V. Patil IQAC Coordinator, A.S.C. College Ramanandnagar (Burl)



e-Conference Prologue by Co-ordinator Dr. V. S. Raut



Introduction of key note speaker Prof. Dr. P. S. Patil by conveynor Dr. G. R. Patil

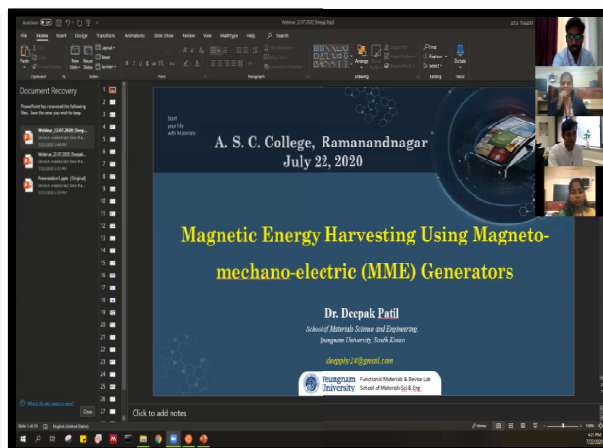


Keynote Adress by Prof(Dr) P. S. Patil, Head, Department of Physics, Shivaji University, Kolhapur

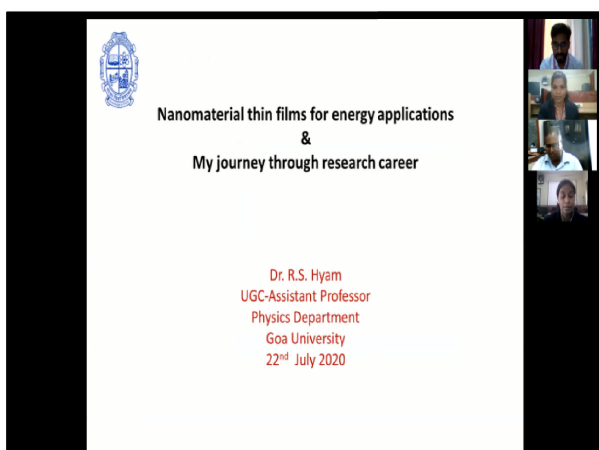
Flyer of the e-Conference



First session of the conference by Dr. H.M Pathan, Assistant Professor, Department of Physics (SPPU)



Second session by Dr. Deepak Patil Asst. Professor at School of material science and engg. Yeungnam University, South Korea



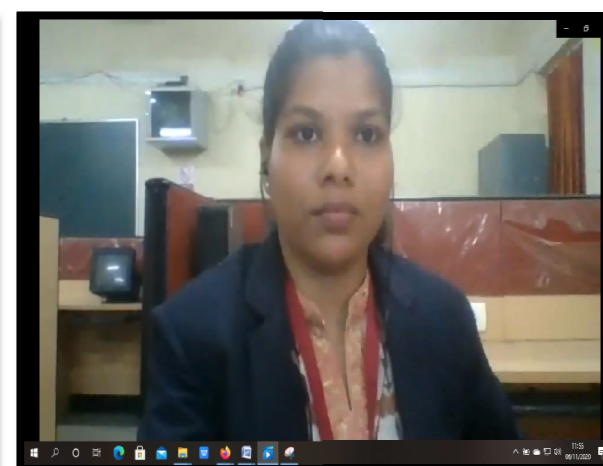
Third Session by Dr. R. S. Hyam UGC Assistant Professor Department of Physics, Goa University



Presidential remark by Hon. Principal Dr. L. D. Kadam Sir



Valedictory address by IQAC Co-Ordinator Dr. U. V. Patil



Anchor of the e-Conference Organising secretary Ms. Kamble N. J.