



**IVCMN - 2021**



**International Virtual Conference  
On  
Materials and Nanotechnology**

**Jointly Organized  
by**

**Guru Nanak College of  
Science, Ballarpur**

**In Association with**

**P. R. Pote ( Patil ) College  
of Engineering and  
Management, Amravati**

**On 29<sup>th</sup> & 30<sup>th</sup> April 2021  
9 am - 5 pm**

**Venue : Online mode through Zoom Meet**

Dear Sir/Madam,

The Organizing Committee cordially invites you to participate in the International Conference on Materials and Nanotechnology going to be held on 29th& 30th April 2021. The scientific programme includes keynote addresses, invited talks, paper presentation, Abstracts etc.



## About the Conference

Two days international virtual conference on materials and nanotechnology-2021

Members/Researchers/ Students,

It's our great pleasure to announce that our Guru Nanak College of Science, Ballarpur is going to celebrate the golden jubilee year of opening of college. We are pleased to inform you that on this occasion Department of Physics, GNC Ballarpur is going to organize two days international virtual conference on materials and nanotechnology on 29th& 30th of April 2021. We have invited seven guest speakers from the country and outside the country.



## Aims and Objectives

The main aim of this conference is to make everyone familiar with new researches that are being carried out in the field of material science and nanotechnology and their basic applications. The objectives of IVCOMN-2021 are to bring about the sharing of views and researches carried out by eminent researchers, scientists, scholars and technologists by bringing them together on the dice and to develop curiosity among new researchers to bring about research in this field. The conference will cover healthy and useful discussion on theoretical and experimental aspects in the field of material science and nanotechnology.

We take great pleasure in inviting you to submit original research papers on the topics given. You are requested to send an abstract of your

research paper so as to reach us latest by 25 April 2021. All research papers will be published in UGC-approved, Google scholar, Research gate, Academia, DOAJ and Copernicus indexed journal.

We are looking forward for your positive response, active participation and valuable contribution for this conference.

Please confirm your registration using following link.....

E-certificate will be issued to all the registered participants and oral paper presenters.



**-: Guru Nanak College of Science, Ballarpur :-**

Guru Nanak Sewa Samitti is a multifocal diversified, being involved in various community & social activities to mankind. Guru Nanak College of Science, Ballarpur was established by veteran Late Sardar Ajit Singh Soni ji in 1971. Under the able guidance of Sardar Naginder Singh Soni ji, the institute is flourishing and blooming healthier, brighter & shiner. The Institution since its inception has help creating 1000+ success stories as doctors. engineers, diversified professional & country server through its NCC & NSS programmes shaping their careers & futures endurance ability.



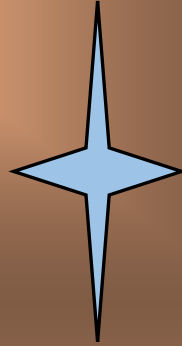
**:- P. R. Pote ( Patil ) College of Engeening and Management, Amravati :-**

**P. R. Pote (Patil) Group of Educational Institutes Amravati, is a foremost name in higher education in Maharashtra. Since its inception, the trust has been successfully conducting undergraduate and post graduate courses in emerging areas. It has 10 institutes under one roof. The Group offers undergraduate as well as post graduate courses in various disciplines of Engineering, Management and Technology. Various courses offered by the Group include ME, BE, MBA, MCA, Pharmacy, Architecture, Agriculture, B. Arch, B.Ed., CBSE Schooling, Polytechnic. By the blessings of Shri Sant Gajanan Maharaj, We aim at developing a pursuit of knowledge in Students, commitment to Economic, Social & Cultural uplifting of masses. The Institute highly believes in nurturing ethics and moral values in students. The P. R. Pote (Patil) Group has its branches at Amravati & Talegaon. We realize that education is the basis for the complete development of individual and for this purpose we have dedicated teaching staff, Digital Classrooms, Sophisticated Equipment, Wi-Fi campus, Finishing School, Placement Cell, State-of-Art Auditorium, Well Equipped Laboratories, Classrooms, International Quality Infrastructure and 24 hours Library. Our constant endeavor is to provide a gamut of opportunities for our students to make them practical engineers, top class managers and also good citizens.**

## Chief Patrons



**Sardar Naginder Singh Ji Soni**  
President  
Guru Nanak Sewa Samiti,  
Guru Nanak College of Science,  
Ballarpur.



**Shri Pravinkumar R. Pote**  
Chairman  
P. R. Pote (Patil) College of  
Engineering & Management  
Amravati

## Organizer



**Dr. B. M. Bahirwar**  
Principal  
Guru Nanak College of Science,  
Ballarpur.



**Dr. A. V. Kale**  
Principal  
P. R. Pote ( Patil ) College of  
Engg.& Management, Amravati

# Chief Guest



## Dr. Ashok V. Joshi

### Honors, Awards, Charity and Other

Appointed Vice-chair for World Peace Organization, India – 2018, Invited to attend G20 Interfaith Forum in Japan – 2019 • Pioneers of Progress Award for Science & Technology, Days of '47 State of Utah - 2014 • - 2014 Maxell Lifetime Achievement Award at the hands of Hon. Sharad Pawar • Utah Genius Award for the recognition of creative people behind Utah's economy - 2012 • Industrial Research Institute (Washington) Achievement Award for Exceptional Work as a Entrepreneur, Scientist, and Philanthropist in the R&D Industry - 2009 • Utah Asian Chamber of Commerce Award "Asian of the Year" - 2009 • Utah Governor's Medal for Science and Technology - 2004 • India's National Small Business Entrepreneurial Award by the President of India Honorable Zail Singh - 1983 • India's Parkhe Award for Innovation - 1982 • Invited speaker to various international conferences including NATO Conference on Advanced Battery Technology - 1972

Dr. Joshi is a philanthropist engaged in the development and building of three schools serving 2000 under-privileged children in rural India. One of the schools focuses on mentally challenged children. He helped build a center for learning life skills for children in Mumbai's slum area. He has donated for scholarships for students of The Salt Lake Community College. He collaborated with Westminster College for the "Room to Read" project to be implemented in a rural Indian Village. He is one of the substantial donors for Hindu Ganesh Temple and The India Cultural Center in Salt Lake City, Utah. Dr. Joshi is also actively involved in community development serving on various Boards.

- Board of Trustees (past), Salt Lake City Community College (Appointed by the Governor of Utah)
- Board of Trustees, India Cultural Center
- Board Member (past), Industrial Research Institute (Premier Innovation Institute formed by Congress of USA)
- Board Member & Founder, Microlin Technologies
- Board Member & Founder, Aplion Medical Corporation
- Board Member & Founder, Active O Corporation
- Co-Founder, Kalypto Medical Inc.
- President's Advisory Board (past), Westminster College
- Co-Founder, Emisense Inc.
- Founder & Board Member, Technology Holding, LLC.
- Partner, Silvercrest Partners LLC

Dr. Joshi is a well-recognized innovator and high-technology entrepreneur. Dr. Joshi has developed several technologies in the Energy, Environmental and Biotech fields. He is an inventor of more than 140 issued US patents, and has over 20 pending US Patents. He was responsible for commercializing four products (two used for institutional use, one for medical use, and one for industrial use). Dr. Joshi founded six other companies of which he sold three companies and still runs with an active interest in three other companies.

## Invited Speakers



**Dr. Konstantin  
Ivonovskikh**  
Ural Federal, Russia



**Prof. Ramchandra Pode**  
Kyung Hee University  
Kyung Hee. Univ. South Korea



**Prof. S. J. Dhoble**  
Dept. of Physics,  
RTMNU, Nagpur



**Dr. Manish Shinde**  
Scientist B,  
C – MET, Pune



**Dr. C. Gayner**  
Material Scientist  
Israel



**Dr. Harnath D.**  
Physics Dept.  
NIT, Warangal, India

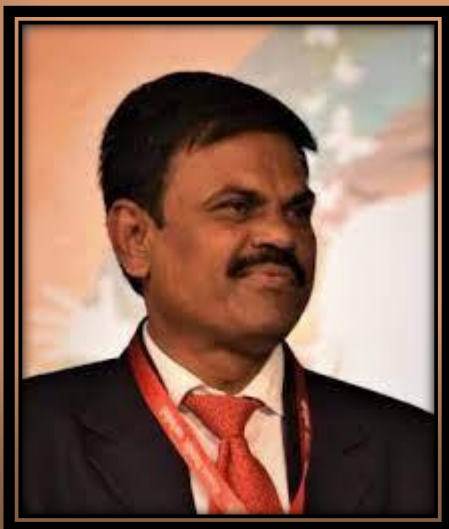


**Dr. R. G. Tanguturi**  
Dept. of Material Science  
and Engg. Wuhan, China



**Dr. Preeti Gupta**  
Leibniz Institute for Solid State  
& Material research, Germany

**Chairman of session**



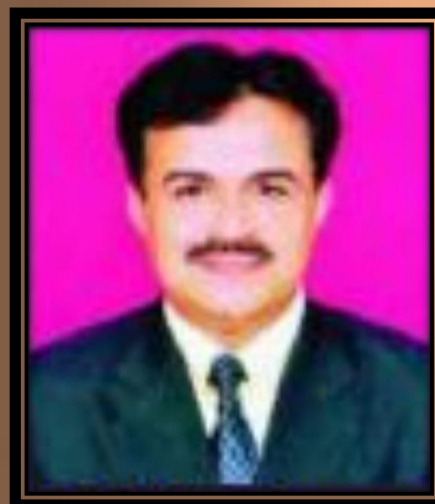
**Dr. Ishwar S. Mohurley**  
Ex-Registrar  
Gondwana University,  
Gadchiroli



**Dr. Sachin S. Wazalwar**  
Assistant Professor  
Dept. of Applied Chemistry  
RCERT, Chandrapur



**Dr. N. R. Pawar**  
Head  
Department of Physics  
ACS College, Maregao



**Dr. A. U. Bajpeyee**  
HOD  
ACS College  
Amravati



**Organizing Secretary**



**Dr. Shobha Gaikwad**



**Dr. Amol Bhoyar**

**Convenor**



**Dr. Nilesh Takare**



**Dr. Amol Nande**

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Dr. R.R. Kherani	Dr. G.S. Gond	Dr. N. A. Patil
Prof. Pavan Chatare	Prof. Pramod Khirade	Dr. P. R. Rajput
Dr. U.P. Manik	Dr. P.S. Katkar	Dr. Nandkishor Thakare
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Dr. Madhamshettiwar	Dr. Mrs. S. A. Ghosh	Dr. Mangesh Yerpude

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Dr. Dinesh Deshmukh	Dr. Nilesh Jadhao	Mr. Avinash S. Ratthe
Ms. Sapana Sharma	Mr. Nilesh B. Shelke	Ms. Seema Bhagat

## Contact details

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Mob : 8766463514    Mob : 9960616448    Mob : 7709171662    Mob : 8788028920

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**Registration link :**

**<https://ivcmngnc.wixsite.com/gurunanak-college>**