

BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY) COLLEGE OF ENGINEERING

'A' Grade University Status by MHRD, Govt. of India
Accredited with 'A' Grade (Third Cycle) NAAC
Programs Accredited by NBA, New Delhi
NIRF Ranking: 83 at National Level.

International Advisory Committee Member

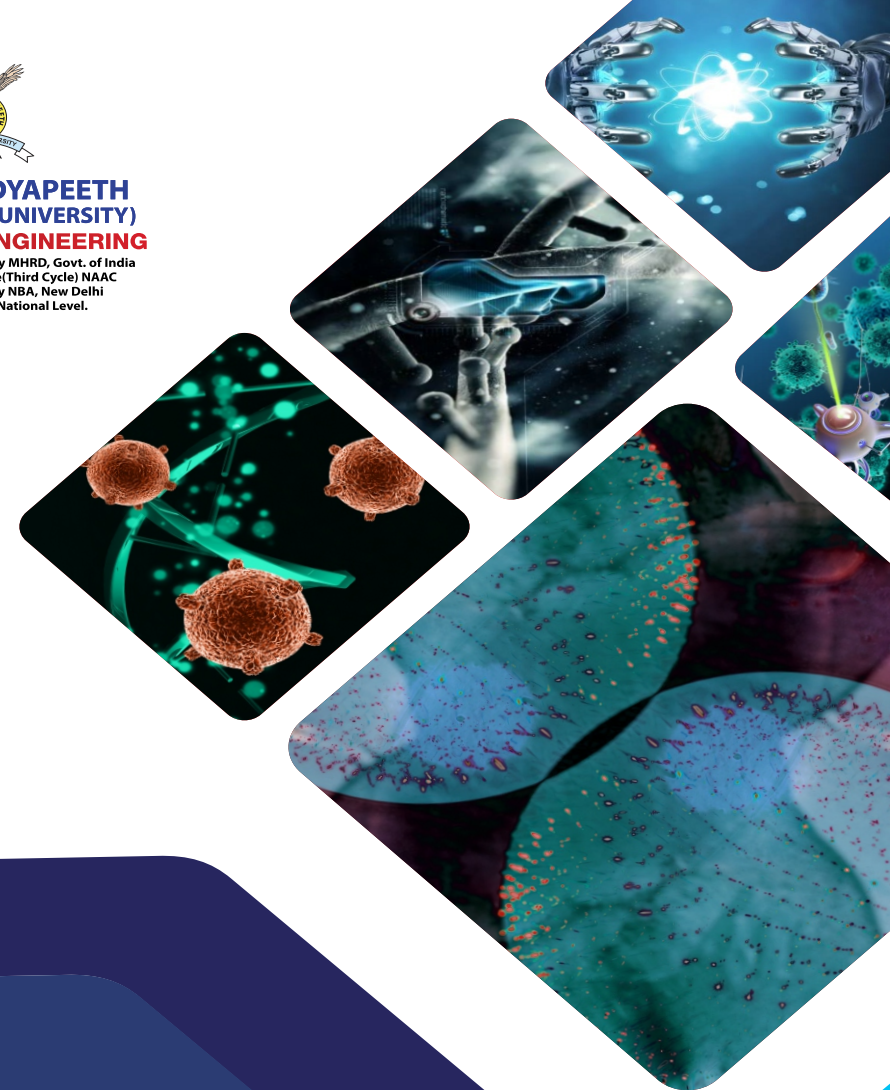
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5th International Conference NANOCON020

Nanotechnology - Applications, Advances and Innovations

Date: 30th, 31st October 2020

In Association with



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NANOCON 020

Bharati Vidyapeeth University, bi-annually organizes International Conference on Nanotechnology, 'NANOCON' dedicated to the aspects of Nano Technology and Materials. The 4th edition of the International Conference 'NANOCON020' is being organized in collaboration with North Carolina A & T, State University Greensboro, USA, Joint School of Nanoscience and Nanoengineering (JSNN), Greensboro, USA, Tuskegee University, USA and Drexel University, USA, during 30th & 31st October 2020 at Bharati Vidyapeeth University, Pune-Satara Road Campus, Pune. The purpose of this conference is to bring together the experts from Academia, Industries and R & D institutes from India and abroad to interact, deliberate, exchange ideas, share knowledge, and develop a common vision for the future in the field of Nanotechnology.

Conference Theme

The NANOCON020 Conference – with theme 'Nanotechnology - Applications Advances and Innovations' is a platform to share research findings, new inventions and innovations, current developments, new applications of nanomaterials, efforts related to product developments and nano-tech based products commercialized. Although, we have known nanomaterials for ages (for example: DNA/RNA, nanoparticles in Ayurvedic medicines like Bhasma etc); the recent understanding at the 'nanometer' level has created a new scientific knowledge. Nanomaterials have altogether different properties than their atomic / molecular counterparts and corresponding bulk material. Science of 'Nano' has really changed many of our notions. For example, it was believed that every (semiconducting) material has characteristic and fixed optical band gap. Now, it is a common knowledge that 'the optical band gap of materials depends on their particle size' and one can easily tune the optical band gap by manipulating the particle size of the material (s). Materials with exotic properties could easily be made just by tuning the particle size. In the last two decades, nanoforms (Quantum dots, Nanoparticles, Nanowires, Nanotubes etc) of almost all materials and elements (except radioactive materials) from the Periodic Table have been made and studied. Today, it is next to impossible to find a material which is not yet studied in its 'Nano' form.

Conference Topics		Journals Associated for Publication	
1) Synthesis and Characterization of Nanostructured Materials	4) Nanobiotechnology	Nanomaterials and Energy	AIP Conference Proceedings
2) Smart-Nano Materials	5) Nanotechnology Based Products	Nanotechnology Reviews	Current Nanomaterials
3) Nanoelectronics	6) Nanocomposite	Advances in Natural Sciences: Nanoscience and Nanotechnology	

Important Dates

The important dates, which the prospective authors need to keep in mind, are:	
Registration	Up to 30 Aug. 2020
Submission of Full Length Paper	Up to 30 March 2020
Paper Acceptance Notification	Up to 10 May 2020
Payment	Up to 15 August 2020

Registration Fee:

Note: Registration is mandatory for authors or Co-authors who are attending the conference and hence, each author shall pay registration fee.

Types of Delegates	Before 15 August 2018	After 15 August 2018
International	US\$ 500	US\$ 600
National		
• R&D/Corporate/ Industry /	Rs. 7000	Rs. 8000
Other		
• Faculty/ Students	Rs. 5000	Rs. 6000

Payment Details (Authors can pay online directly through their NANOCON Account)

The payment for the registration fee can be made either in the form of a demand draft drawn in the favour of "BVUNANOCON" Payable at Pune or via Net Banking through your NANOCON Account on Website. The details of which are mentioned.

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Branch Name	SBI Katraj, Pune
Branch Code	08752
IFSC / RTGS Code	SBIN0008752
Swift Code	SBININBB218
MICR Code	411002018

For Details of Registration Visit

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Bharati Vidyapeeth Deemed University Pune (India) College of Engineering Nanotechnology - Applications Advances and Innovations

Bharati Vidyapeeth

Bharati Vidyapeeth was established on 10 May 1964 late by Hon'ble Dr. Patangrao Kadam with the sole objective of intellectual awakening and all round development of the people of this country through education. It has created history by establishing 180 educational institutes imparting education from the pre-primary to Ph.D. stage. Bharati Vidyapeeth caters education in various fields such as Engineering, Medical, Dentistry, Ayurved, Homeopathy, Pharmacy, Management, Nursing, Science, Arts, Commerce and Law, etc.

Bharati Vidyapeeth (Deemed to be University)

Bharati Vidyapeeth University is one of the largest multidisciplinary university in India having 29 constituent institutions located in eight sprawling campuses which offer 278 plus academic programs. The University started functioning on 26 April 1996 and has earned reputation of being one of the top Universities in India. MHRD, Govt. of India has awarded 'A' Grade University Status to Bharati Vidyapeeth University in 2012. The University has also accredited to 'A' Grade (Deemed to be University), Pune (India)

Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune

College of Engineering, a constituent unit of Bharati Vidyapeeth (Deemed to be University), was established in 1983. BVUCOEP offers nine graduate, eight post graduate and doctorate programmes in eight disciplines. The National Board of Accreditation (NBA) has accredited seven programs of BVUCOEP. In the survey conducted by National Institute Ranking Framework (NIRF), MHRD, GOI, the college has ranked at 83 position at National Level. In survey conducted by Data Quest and CMR on India's leading Technical Schools and colleges, the college has received 3 Ranking among all Private T- schools of India. Further, the college has been ranked to the 33 position by Times of India & 45 position by Outlook. The college has also selected under Technical Education Quality Improvement Program, Phase II (TEQIP II) by Ministry of Human Resources Development (MHRD), Government of India, supported by World Bank for the grant of Rs. 6 crores



North Carolina A&T State University

High Research Activity

North Carolina Agricultural and Technical State University is an academic community focused on students—providing them with interdisciplinary learning opportunities, teaching them with faculty renowned for excellence, connecting them to cutting edge discoveries in research, and encouraging them to serve their communities. We were founded in 1891 as a land-grant institution, and we've built a strong civil rights legacy along the way. The Greensboro Four—who staged the first ever sit-in at a Woolworth lunch counter in 1960—were NC A&T students



Drexel is a world-class comprehensive research university committed to use-inspired research with real-world applications, and the University's research activities result in more than \$110 million in annual expenditures for sponsored projects. Research at Drexel is driven by faculty from all disciplines. Medical and health sciences research complements traditional strengths in engineering, biotechnology, basic science, information science, and business, alongside innovative scholarship in media arts and design, the social sciences, education, and law. The Office of Research at Drexel University is committed to facilitating these research efforts.



Tuskegee University is an independent and state-related institution of higher education. Its programs serve a student body that is coeducational as well as racially, ethnically and religiously diverse. With a strong orientation toward disciplines which highlight the relationship between education and work force preparation in the sciences, professions and technical areas, Tuskegee University also emphasizes the importance of the liberal arts as a foundation for the successful careers in all areas. Accordingly, all academic majors stress the mastery of a required core of liberal arts courses. Tuskegee University is located in Tuskegee, Alabama, which is 40 miles east of the Alabama State Capitol in Montgomery, Alabama, and 20 miles west of the city of Auburn, Alabama. It is also within easy driving distance to the cities of Birmingham, Alabama and Atlanta, Georgia.



Dr. Patangrao Kadam
Founder Chancellor
Bharati Vidyapeeth University Pune



Hon'ble
Dr. Shivaji Rao Kadam
Chancellor Bharati Vidyapeeth
Deemed University



Hon'ble
Dr. Vishwanath Kadam
Pro Vice Chancellor Bharati Vidyapeeth
Deemed University
Secretary - Bharati Vidyapeeth



Hon'ble
Dr. Manikrao Salunkhe
Vice-Chancellor Bharati Vidyapeeth
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Dr. Anand Bhalerao
Principal and Dean, BVUCOEP, Pune