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National Conference

On

**Innovation in Science, Engineering
and Management**

NCISEM-2022

11th - 12th March 2022



ESTD: 1983

Organized By

**Bapurao Deshmukh College of Engineering,
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Telephone: 07152 284378

Fax : 07152 284241

URL: www.bdce.edu.in

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National Conference

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Management**

NCISEM-2022

Registration Form

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REGISTRATION FEE FOR CONFERENCE PROCEEDINGS

PG Scholar	: Rs. 500/-
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CONFERENCE DETAILS

Papers presented in NCISEM-2022 will be provided with an opportunity to publish in– OPEN ACCESS JOURNAL (Publons Indexed - International Journal of Advanced Research) up on acceptance after satisfactory peer-review process by the journal editorial board. Author's need to pay the publication charges of 1000 Rupees separately.

Rest of the paper will publish in conference proceedings.

Complete Registration forms with Payment through Unified Payments Interface (UPI)

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Send Registration form by email on- ncisem2022@gmail.com

IMPORTANT DATES

Paper Submission Deadline	10 th Feb 2022
Paper Acceptance Notification	20 th Feb 2022
Last date of Registration	5 th March 2022
Conference dates	11 th -12 th March 2022

PAPER FORMAT

Paper format is available on

<http://www.ncisem2022.com>

PAPER SUBMISSION

Submit your paper through

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ABOUT COLLEGE

Yashwant Rural Education Society's Bapurao Deshmukh College of Engineering was established in 1983 by Late Shri. Bapuraoji Deshmukh, a close associate of Mahatma Gandhi with the concept of "Teaching is a mission not a profession." This mission is being continued by our present Chairman Er. Sameer S. Deshmukh. The College is recognized by AICTE and permanently affiliated to Rashtrasant Tukadoji Maharaj Nagpur University. The institute is located at Sevagram, a peaceful place with memories of Gandhiji. Currently 5 branches running along with 4 PG courses, MBA Program. During the last 38 years, the institution marched ahead with a promise of academic excellence, overall development of its students and promise to strive hard to keep the same atmosphere intact in many years to come.

ABOUT CONFERENCE

The main goal of this Conference is to bring researchers and engineers together, who work in this field from various locations to exchange their ideas and findings at the conference. This conference will be an ideal platform for the experts and young researchers to disperse their research in the area of soft computing and its applications. NCISEM-2022, provides interesting opportunities to present and discuss the latest and innovative advances and real-world applications in this multidisciplinary research field.

OBJECTIVES

- ❖ To provide platform to global innovators and researchers in the field of engineering, science and management.
- ❖ To contribute in nation building by exchanging novel ideas among the researchers.

THRUST AREAS

Track – 1 Electronics & Telecommunication Engineering (EXTC)

Emerging & Innovative Technology for Digital India and for Make In India, Reconfigurable Systems, VLSI for DSP, ASIC & SOC, CAD for VLSI, RF Circuit Design, Bio-MEMS/ NEMS, MMIC & CMOS Circuits, Biomedical Sensors & Instrumentation, Cryptography, Medical Electronics & Bioinformatics, Coding Techniques for 3G/4G, UWB Systems, Airborne Vehicle Communication, Antenna Systems, Signal & Image Processing, Telemetry & Telecomm Management Systems, Earth Station Systems & Technology, Wireless Networks, Cognitive Radio Design, Millimeter Wave Technology & Applications, MIMO Systems, Mobile, Wireless Energy Transfer, Emerging Wireless Technologies, Network Services & Technologies.

Track – 2 Electrical Engineering (EE)

Power System & Energy Engineering, Power Generation and Sustainable Environment, Power System Modeling, Simulation and Analysis, HVDC & FACTS, Renewable Energy, Power Electronics Drives and Control, Utilization of Electrical Energy, Electrical Machines.

Track – 3 Computer Science & Engineering (CSE)

Computer and Network Security, Internet & Web Applications, MANET and VANET, Audio, Video and Image Processing, Algorithms and Optimization Techniques, Data Mining & Warehousing, Natural Language Processing, Data Science, AI, Machine Learning.

Track – 4 Mechanical Engineering (MECH)

Advance Heat Transfer, Recent Trends in Automobiles & I.C. Engines, Fracture Mechanics, Tribology in Design, Acoustic & Vibration, Mechanism Analysis & Synthesis, System Modeling and Simulation Methods, Total Quality Management, Six Sigma, Lean, Agile, Green and Quick Response Manufacturing, Alternate Fuels & Renewable Energy, Ergonomics / Human Factors Engineering, Artificial Intelligence, Expert system/Fuzzy in Improving Productivity, CAD/CAM/CAE & Robotics, Nano-Technology, Mechatronics, Advancement in Agricultural Machinery.

Track – 5 Civil Engineering (CIVIL)

Structural Engineering, Geotechnical Engineering, Environmental Engineering, Transportation Engineering, Traffic, GIS & Remote Sensing, Soft Computing, Hydraulics Engineering, Construction Management, Water Resources Engineering.

Track – 6 Master of Business Administration (MBA)

Financial Management, Accounting, E-Commerce, Marketing Management, Human Resources Management, Banking, Insurance and Financial Services, Operations Management, Healthcare Management, International Business, Agri Business Management, Entrepreneurship Development, International Business, Business Analytics.

Track – 7 Basic Sciences (BS)

Luminescence, Dielectric material, Superconductivity, Nanotechnology, Nano-Materials and Nano-Composites, Conducting Polymers, Acoustic, Green Chemistry and Sustainable Chemistry, Synthesis & Characterization of Advanced Materials, Water, Waste & Energy Management, Environmental Pollution Control, General Relativity, Thermo Elasticity Group Theory, Numerical Aperture, Numerical Analysis, Approximation Theory, Linear Algebra, Computational Number Theory, Differential Equations, Probability and Statistics, Operations Research, Mathematical Modeling and Simulation, Discrete Mathematics, Geometry (Discrete, Algebraic, Finite), Game Theory.