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Dhamangaon Rly.)

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Vice-Chancellor, S.G.B. Amravati University, Amravati.

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Dhamangaon Rly.)

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(Joint-Secretary, Dhamangaon Education Society,
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Pro-Vice Chancellor, S.G.B. Amravati University, Amravati.

Prof. Avinash Asnare,

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Dr. Narendrakumar, Assistant Prof. Centre of Biomedical Research, Lucknow.

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Founder President
Late Shri. Shrinarayanji Agrawal



Dhamangaon Education Society's (Hindi Linguistic Minority Educational Institution)

Adarsha Science, Jairamdas Bhagchand Arts and Birla Commerce Mahavidyalaya

Dhamangaon (Rly.), Dist. Amravati, Maharashtra, India-444709.

(NAAC Re-Accredited Grade "A+" CGPA 3.27),

Affiliated to Sant Gadge Baba Amravati University, Amravati.

NATIONAL CONFERENCE ON EXPLORING THE FRONTIERS OF SCIENCE: COLLABORATIONS, INNOVATIONS AND SUSTAINABILITY

NCEFSCIS - 2025

Saturday, 08/02/2025



Organized by -

Adarsha Science, Jairamdas Bhagchand Arts and Birla Commerce Mahavidyalaya

Dhamangaon (Rly.), Dist. Amravati, Maharashtra, India-444709.



ABOUT CONFERENCE

The conference aims to bring together leading researchers, scientists, and industry experts in Natural Science (Physical Science, Chemical Science and Life Science) Applied and Mathematical Science to share knowledge, foster collaborations, and address pressing challenges. This premier conference will provide a dynamic platform for exchanging ideas, presenting cutting-edge research, and exploring innovative solutions.

ABOUT SOCIETY

Having regard to the fact that education plays a key role in improving the social structure of the nation, Late Shri. Shrinarayanji Agrawal, a yogic man by practice known for his prudence, unparalleled devotion, dedication and above all, his simplicity sowed the seed of Dhamangaon Education Society way back in 1914. Dhamangaon Education Society thus happens to be among the oldest and pioneering institutions in the Vidarbha region rendering yeoman's service to the cause of education in the small town of Dhamangaon and adjoining rural areas of Amravati district. Dhamangaon Education Society has the unique tradition of having presidents who were distinguished patriots and idealists. These include Late Shri. Bhagchandji Agrawal, Late Shri. Dulichandji Agrawal, Late Shri. Liladharji Bhutada, Late Shri. Suganchandraji Lunawat, Late Shri. Purushottamdasji Rathji, Late Shri. Shubhakaranji Saraf, Late Shri. Ranchhoddasbhai Annam, Late Shri. Gajananji Agrawal and Late Shri. Alsidasji Rathji. D.E.S. was also fortunate to work under the eminence and expertise of Late Shri. Laxminarayanji Agrawal whose unremitting efforts and unrivalled contribution to the worthy cause of education enabled the society to scale new heights of academic glory.

Staying true to the principles lay down by the founding fathers of the society, Shri. Sharadkumarji Agrawal charted a new course for the society, enabling it to face the challenges of the changing times. Today, Dhamangaon Education Society under the able leadership of Adv. Shri. Rameshchandrajji Chandak is poised to take greater strides in transforming the landscape of Dhamangaon Rly. into a hub of holistic development, innovation, and community engagement.

ABOUT COLLEGE

The college was established in the year 1961 under the aegis of Dhamangaon Education Society- one of the oldest institutions in Vidarbha Region catering to the needs of education since 1914. Situated on its own spacious campus on Anjansingi Road, it is affiliated to Sant Gadge Baba Amravati University, Amravati. The college started with the faculty of Arts and Commerce. with faculty of science being added later in the year 1972. Presently, this college is a multidisciplinary institution offering courses like B.A., B.Com., B.Sc., B.C.A., M.A. (Economics), M.Com. M.C.M., M.Sc. in Mathematics, Microbiology, Electronics, Computer science and Zoology while also offering Ph.D. in Mathematics, Physics, Microbiology, Electronics, Zoology, Economics and Commerce. The teaching departments are manned by competent staff and are provided with modern, well-equipped laboratories. The college is a pioneer to start Microbiology and Computer Science in entire Vidarbha region since 1979 and 1987 respectively. Career Oriented Courses like- Web Designing and Office Automation, Clinical Laboratory Technology are also available.

ABOUT DHAMANGAON RAILWAY

Dhamangaon Rly. is a town and a municipal council in Amravati district in the state of Maharashtra, India. The municipal council is named as Dattapur-Dhamangaon Municipal council. Dhamangaon is well connected by road to other important cities being situated only 5 km away from Samruddhi Mahamarg. Dhamangaon railway station is located on Howrah-Nagpur-Mumbai line of the Indian Railways. Dr. Babasaheb Ambedkar International Airport (Nagpur) is at distance of 105 kilometers. Kaundanyapur, the ancient capital of the legendary Vidarbha Kingdom mentioned in Mahabharata is situated only 20 kms from Dhamangaon Rly. It is one of the most ancient pilgrimage centers in India that holds reverence since times immemorial. It is believed that at the time of Rukmini Haran, Shri Krishna drank water from the Vardayini River (present day Wardha River). Kaundanyapur is home to a famous temple of Vitthal and Rukmini situated on a hillock, overlooking the perennially flowing Wardha River.

OBJECTIVES

- Facilitate dialogue among experts from academia, industry, and government.
- Showcase recent advancements and breakthroughs in Physical Science, Chemical Science, Mathematical Science and Life science.
- Foster collaborations and partnerships.
- Promote interdisciplinary research and knowledge sharing.
- Inspire the next generation of scientists.



THEMES AND SUB-THEMES

PHYSICAL SCIENCE:

- Emerging Trends in Physical Sciences
- Magnetic Materials
- Advance Spectroscopic Techniques
- Computational Physics
- Biophysics
- Renewable Energy Resources
- LASER and Optoelectronic Materials
- Astronomy and Space Technology
- Polymers
- Solid state gas sensors
- Thin film and coating
- Functional materials for applications

MATHEMATICAL SCIENCE:

- Pure and Applied Mathematics
- Fuzzy logic
- Set Theory and its applications
- Mathematical Modelling
- Theory of Relativity
- Integral Transform and its application

COMPUTER SCIENCE:

- Network / Network security and Mobile computing
- Computer graphics and visualization
- AI in Computer Vision
- Sustainability in Internet of Things (IoT), Network, & Sensor Technologies
- Future of Robotics Technology
- Cloud computing
- Social security in Social media
- Artificial Intelligence
- Learning Technology/Machine Learning

CHEMICAL SCIENCE:

- Synthetic Organic Chemistry
- Heterocyclic Chemistry
- Materials Science and Nanotechnology
- Analytical and Bioanalytical

Chemistry

- Medicinal Chemistry and Drug Discovery
- Environmental and Green Chemistry
- Catalysis and Nano-catalysis
- Organometallic chemistry
- Coordination Chemistry

ELECTRONICS:

- Advance electronics materials
- Biomedical sensor and applications
- Sensors and smart materials
- Organic electronics and devices
- Virtual Instrumentation
- Electronics Simulation software
- Robotics
- VLSI technology
- Wireless Network
- Biomedical Instrumentation
- Neural Network
- Mobile communication
- Antenna and its applications
- Electronic Instrumentation
- Embedded System
- Power electronics
- Smart wearable

LIFE SCIENCE:

- Genetics and Genomics
- Biotechnology and Bioengineering
- Molecular Biology and Cell Signaling
- Ecology and Conservation Biology
- Health, Infectious Diseases, and Immunology
- Molecular Biotechnology
- Applied Biology, Ethnobotany, Ethnozoology
- Pollution Ecology
- Biodiversity and Ecosystem



4TH CYCLE NAAC GRADE

AUTHOR GUIDELINES AND RESEARCH PAPER SUBMISSION

Accepted full length paper will be published in Adarsha Journal of Research and Evaluation, a national peer-reviewed journal.

1) Language of paper writing should be English. 2) Paper should be submitted in a word file format. 3) Manuscript should not exceed 7000 words or 12 A4 size pages. 4) Title of the paper should be followed by name, e-mail address and affiliation(s) of authors on separate page with abstract followed by keywords. 5) Title of paper: Times New Roman, Font size 12. 6) Abstract (Max. 250 words): Times New Roman, Font size 10, spacing 1.5. 7) The paper should start with an introduction followed by materials and methods, experimental, result and discussion, conclusion, acknowledgement and references. 8) If paper is presented by single author, he/she must register for the conference; if it has more than one authors, at least one of the authors must register for the conference. 9) Abstract and full length paper should be sent on respective email address in the table given below. 10) Free e-copy of the journal shall be mailed to the principal author.

Oral and Poster Presentation:

Size of poster will be 1x1 meter. Ten minutes will be given to each presenter for the presentation of his/her research work. The speaker should bring their presentations in MS Power Point format in USB drive. The best presentation will be judged and awarded.

Important Dates (Deadlines)

Registration	: 15 th January 2025
Abstract Submission	: 15 th January 2025
Full Length Paper Submission	: 27 th January 2025



Please send your abstracts and research papers on the e-mail address given below.

- | | | |
|--|---------------------|--------------|
| 1. Chemistry - chencefs2025@gmail.com | - Dr. P. M. Keche | - 8669100559 |
| 2. Life Science - bioncefs2025@gmail.com | - Dr. N. A. Sonune | - 9665876950 |
| 3. Physics - phynccefs2025@gmail.com | - Dr. S. G. Vidhale | - 9822982878 |
| 4. Mathematics - mthncefs2025@gmail.com | - Dr. A. N. Rangari | - 9403116400 |
| 5. Electronics- etcncefs2025@gmail.com | - Mr. S. K. Shelke | - 8237532021 |
| 6. Computer Sc. - cpsncefs2025@gmail.com | - Dr. M. V. Mawale | - 8275217535 |

REGISTRATION LINK

<https://forms.gle/5Wjk2ixqEBBZViTn7>



REGISTRATION FEES

Student / Research Scholar	: ₹ 700/-
Delegate from Academic Institutes	: ₹ 900/-
Delegate from Industry	: ₹ 1300/-

Registration fee should be paid in advance via Phone Pe, Google Pay or any other online mode to the following account or QR Code.

Account Name: PRINCIPAL AMV

Account No.	: 20251387355
IFSC	: MAHB0000056
Bank Name	: Bank of Maharashtra
Branch Name	: Dhamangaon Railway



For Any Query Please feel free to Contact:

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