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National Conference on  
"RECENT TRENDS IN MATHEMATICAL,  
PHYSICAL, CHEMICAL, LIBRARY AND LIFE SCIENCES"

# NCRTMPCLS-2020

Friday, 7<sup>th</sup> February 2020



**Organized by**

Department of Mathematics, Physics, Chemistry,  
Botany, Zoology, Computer Science, Library & IQAC  
**Nilkanthrao Shinde Science and Arts College**  
Bhadrawati - 442902 District - Chandrapur (MS), India.

Accredited 'B+' Grade (Third Cycle-2016) with  
CGPA 2.58 by NAAC, Bangalore.

**Institution of Higher Learning, Research  
and Specialized Studies in the subject  
Mathematics, Physics, Chemistry, Botany and Zoology.**

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Dear Sir/Madam,

The faculty of Science & IQAC of Nilkanthrao Shinde Science and Arts College, Bhadrawati, District – Chandrapur (M.S.), India is honored to invite you to participate in One Day National Conference on Recent Trends in Mathematical, Physical, Chemical, Library and Life Sciences on 7<sup>th</sup> February, 2020. The aim of this National Conference is to motivate and provide an excellence to academicians, researchers industrialist and budding students around the nation to share their research findings in Science & Technology.

#### About the Institution

Nilkanthrao Shinde Science and Arts College, Bhadrawati, District-Chandrapur (M.S.) was established on 21<sup>st</sup> June, 1993 by the Bhadrawati Shikshan Sanstha, Bhadrawati, under the leadership of Shri. Nilkanthraoji Y. Shinde, Ex. MLA and Sau. Nilmatai N. Shinde and eminent personalities from different walks of life. The college is affiliated to Gondwana University, Gadchiroli. Our college is one of the premier educational institutions of Chandrapur district in pollution free, lush green campus of 2 hectare in the semi urban locality, established as a single faculty college of Science in 1993. It has now transformed into an institution of continuing education, imparting education in Science and Arts from degree to Ph.D. programmes. The college provides Ph.D. research facility in Mathematics, Physics, Chemistry, Botany and Zoology with admitting 50 students & awarding 11 students. The college has the state of the art infrastructure with well equipped 10 laboratories. The college has established research collaborations with number of reputed research centers of Maharashtra and Abroad. The college runs number of UGC schemes beneficial for the students. The college campus encompasses beautiful Botanical Garden with number of eye pleasing Ornamental plants and Medicinal plants with some rare species. Apart from this, our institution also has an excellent Indoor and Outdoor sports facilities for students. Considering the residential need of women students, the college has also constructed Women Hostel with financial assistance from UGC, New Delhi. The college is permanently affiliated under 12(B) and 2(f) of the UGC Act, 1956. The college is accredited at B+ grade(Third Cycle-2016) by NAAC, Bangalore with CGPA of 2.58, the first institution in Gondwana University, Gadchiroli.

#### About the City

Bhadrawati is a tehsil place, 25 km to the north of Chandrapur and 125 km South-East of Nagpur. It is connected by the railway and state highway. It has Ordinance Factory and several open cast coal mines. Fortification of the Vakataka period has been excavated from Gawrala, a small village near Bhadrawati. The city has a large ancient Jain temple belonging to the Shwetamber sect, the 2000 years old Bodhha vastu of Vinjasa and the Ganesh Mandir of Gawrala. This city also has a "Bhadrashesh" popularly known as "Nag Mandir". This historical place comprises the ruins of the ancient idols and statues, monuments, temples. The mute witnesses of the ancient heritage of this historical place are scattered everywhere. The National famous Tadoba Andhari Tiger Reserve (TATR) is situated in Bhadrawati tehsil.

#### Travel Information

Bhadrawati is situated on National and State Highway. The nearest railway stations are, Bhandak (Bhadrawati) (2 Km), Chandrapur (25 Km),

Ballarshah (40 Km) and Nagpur (125 Km). Maharashtra State Transport (ST) buses operate daily every 15 minutes from Nagpur to Chandrapur and back via Bhadrawati. The nearest Airport is Dr. Babasaheb Ambedkar International Airport, Nagpur (125 Km).

#### About the National Conference

The convergence of recent scientific and technological activities provides unique opportunities and an infrastructure for both theoretical and applied sciences. However, specific environments for acquiring new knowledge are needed. In such environments, knowledge media should bring together the technology and learning theories of form meaningful settings for learners with different academic administrative and support needs. Everyday new knowledge is emerges. So in this context it is necessary to arrange such type of National Conference in this remote area for the academicians, industrialist and new budding students of all branches of sciences. Objectives of the National Conference are to bring the eminent scientists, technologist, researchers and academicians to discuss the topics of multi disciplinary relevance and to recommend the solutions.

### Themes

The conference will accept papers on the following sub-themes :

#### Mathematical Sciences

- Relativity/Cosmology
- Thermo Elasticity
- Operation Research Technique
- Boundry Value Problem

#### Chemical Sciences

- Green chemistry
- Composite material
- Polymer chemistry
- Environmental chemistry
- Acoustic
- Nano materials

#### Computer Science

- Information Technology
- Cloud Computing
- Data Science and Systems
- Networking and Internet of Things
- Database and Data Management
- Cellular Network and 5G

#### Physical Sciences

- Nano Science
- Luminescence
- Polymer
- Acoustic
- Thin Films
- Material Science

#### Life Sciences

- Biodiversity Conservation and Management
- Limnology
- Aquatic Toxicology
- Wetland Conservation and Management
- Environmental Pollution Monitoring and Control
- Medicinal Plants
- Mycology
- Plant Biotechnology
- Bioremediation Technology and Biotransformation Processes
- Role of Microbes in Sustainable Agriculture
- Environmental science

#### Library & Information Science

- Recent trends & issues in libraries
- Emerging and innovative technology in libraries
- Digital and E-resources management
- Plagiarism, IPR and copyright
- Institutional repositories, consortia and virtual libraries
- Content development and management techniques and tools
- Open access & e-learning

**Call for Paper/Posters :** The unpublished research papers are invited on the related topics. Selected papers will published in reputed Peer Reviewed Journal.

**Mode of Presentation :** Oral/Poster

**Submission of Research Paper :** The delegates can submit their research papers manuscript online to [nctrmpcls2020@gmail.com](mailto:nctrmpcls2020@gmail.com). Guidelines for submission of research paper please see the college website [www.nscollge.ac.in](http://www.nscollge.ac.in).

**Important dates :** The last date of paper submission is 20<sup>th</sup> January, 2020. Notification of status of paper within 3 days after receiving the paper.

**Oral Presentation :** Oral Paper Presentation only in Power Point, time for each presentation will be 7 minutes.

**Format of Posters :** The poster should be 1meter X 1meter size on FLEX will be accepted only.

**Authors Benefits :** All the accepted papers in the conference will be published in reputed peer reviewed national journal having a good impact factor. **Note :** For publication of research paper registration of all authors in the paper is compulsory.

**Registration :** Dully filled in registration form along with registration fees should be sent on following address

**Registration Fees :** 1) Academicians/Researcher without paper : 500/-  
2) Academicians/Researcher with paper : 900/- 3) Industry Member : 1000/-  
4) P.G. Students : 200/-

**Mode of Payment :** Registration fees can be paid by Online Money Transfer or RTGS/NEFT on following given details.

Account Name : **NCTRMPCLS-2020**

Name of Bank : Bank of Maharashtra

Branch : Bhadrawati, District – Chandrapur (MS), India

Account Number : **60350135941**

Account type : CURRENT

IFSC : MAHB0000181, MICR NO. : 442014252

**Note :** Please send the RTGS/NEFT Receipt on **9028293376** mobile number through Whatsapp or Email on : [nctrmpcls2020@gmail.com](mailto:nctrmpcls2020@gmail.com).

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