



*Bharati Vidyapeeth's*

**Matoshri Bayabai Shripatrao Kadam Kanya  
Mahavidyalaya, Kadegaon**

**In collaboration with  
MoU Partners**

**Organizes**

**National Conferenceon**

**on**

**Innovative Advances in Physical, Chemical, Mathematical  
and Life Sciences**

**Saturday, 24, March 2024**

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# Brocher

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Bharati Vidyapeeth, Pune

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Chancellor, Bharati Vidyapeeth,  
Deemed University, Pune

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Joint Secretary,  
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Prof. (Dr.) M. M. Ghatge  
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**Hon. Dr. Patangrao Kadam** Found-  
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Chancellor, Bharati Vidyapeeth  
Deemed University, Pune.



**Hon. Dr. Vishwajeet Kadam**  
Secretary, Bharati Vidyapeeth,  
Pune. Pro- Vice Chancellor,  
Bharati Vidyapeeth, Deemed  
University, Pune.



**How to Reach**



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**Bharati Vidyapeeth's**  
**Matoshri Bayabai Shripatrao Kadam,**  
**Kanya, Mahavidyalaya Kadgaon,**  
**Maharashtra, India.**

*National conference*  
on  
*"Innovative Advances in Physical,  
Chemical, Mathematical and Life  
Sciences"*



**24<sup>th</sup> February, 2024**

Organized by  
**Department of Physics, Chemistry,  
Mathematics, Life Sciences**  
&  
**MoU Partners**

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**Invitation:**

Dear Colleagues,

It gives us immense pleasure to invite you to attend and participate in the National Conference on "Innovative Advances in Physical, Chemical, Mathematical and Life Sciences" Saturday, 24<sup>th</sup> Feb., 2024.

**About The Conference**

National Conference on "Innovative Advances in Physical, Chemical, Mathematical and Life Sciences" (NCIAPCMLS-2024) Envisaged to provide an opportunity for the students and faculty members to upgrade their knowledge about different aspects and current research in these field. The Conference has been meticulously planned to cover wide spectrum of topics . The main focus of conference is to deliberately on the role of science for human welfare and sustainable development. The conference will have lectures from expertise in their respective fields.

**The Parent Institute**

In1964, Dr. Patangrao Kadam has laid the foundation of Bharati Vidyapeeth with high motto of " Social Transformation Through Dynamic Education". It is the approach to dynamic education, which has enable institution to be ranked as one of the world class institution, our campus at metropolitan cities such as New Delhi, Mumbai, Pune, Sangli and beyond the boundaries of the Nation have been impairing quality education for better tomorrow.

Hon. Dr. Vishwajeet Kadam a dynamic youth leader is governing as a Pro- Vice Chancellor Bharati Vidyapeeth pune and Secretary of Bharati Vidyapeeth pune The institution is heading under the able guidance of Chancellor Hon. Dr. Shivajirao Kadam and Hon. Vijaymala Kadam.

The visionary founders has established a numbers of co-operative units such as bank, sugar factory, Spinning mills, consumers stores, poultry and dairy, which have been responsible for the social awaking and upliftment of the rural masses as well as the weaker section of the society.

**Our College**

The College named after Matoshri Bayabai Shripatrao Kadam who felt the need and value of education and had pawn her scared Mangsutra to continue the education of her illustrious son. The College has been a milestone in the development of the province strewn over Kadgaon since 1990. The college has been accredited 'A' grade by NAAC and has conducted several innovative programs in the jurisdiction of shivaji University, Kolhapur. The Government of India has appreciated the work done by our NSS unit by awarding the most prestigious " Indira Gandhi National Award" to the college. The students of our college secured top positions in the order of merit in the university examination and have brought numbers of medals by participating in the sport and cultural activity.

**Thrust Areas**

- ⇒ Chemical Sciences
- ⇒ Physical Sciences
- ⇒ Mathematical Sciences
- ⇒ Life Sciences
- ⇒ Agricultural Sciences
- ⇒ Pharmaceutical Sciences
- ⇒ Environmental Sciences

**Call for Abstract**

The Abstract will be published in Proceeding with ISBN No .  
**Submission:** Submit Abstract to- <https://forms.gle/0s4uqVZ7c1Vyzn87>  
**Formatting:** The Abstract of the Research Paper in Times new Roman, 200 words with double spacing and 5 key words.  
**Last Date of Submission- 10<sup>th</sup> Feb., 2024**


**Call for Papers**

**Full length Research Papers**

The Research Paper will be published in UGC care list Group-II & Web of Science . Submit Research Paper in Abstract, Introduction, Material and Method, Result and Discussion, References in Words file , font size --12, Times New Roman with 1.5 line spacing .  
Submit paper to- [nciacpls2024@gmail.com](mailto:nciacpls2024@gmail.com)  
**Publication Charges:- Rs. 3000/-**  
Including online publication, editorial charges, certificate each author.  
**Last Date of Submission- 15<sup>th</sup> Feb., 2024**

**Registration details**

Registration link- <https://forms.gle/0s4uqVZ7c1Vyzn87>  
Mode of payment- Gpay / Phone Pay/ RTGS/ Debit Card  
Name of Bank account holder: Mrs. Vidya Ganpat Markad  
Bank name- Bank of Maharashtra  
Bank account No: 60077685782  
IFSC: MAHB0001467  
MICR: 413014079



QR Code for Payment

Participant	Registration Fee(In Rs.)
UG/PG Student	Rs. 100/-
Research Student	Rs. 300/-
Faculty	Rs. 500/-

## Inauguration



**President Felicitation**



## Keynote Address



## Soviner Publication



## First Session



## Second Session





### Third Session



## Paper Presentations



## Valedictory Function



## Group Photo with Participants



## Sample Certificate





**Bharati Vidyapeeth's  
Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon, Dist. Sangli.**

**Department of Physics, Chemistry, Mathematics and Life Sciences & MoU partners  
Organised  
National Conference**

**On**

***“Innovative Advances in Physical, Chemical, Mathematical and Life  
Sciences- 2023-24***



The National Conference was organized by Department of Physics, Chemistry and Mathematics, and life sciences with MoU partners on dated **24<sup>th</sup> Feb., 2024**. The main focus of the conference is to deliberate the role of science for human welfare and sustainable development. The aim of the conference was fulfilled by conducting three lectures from various fields. The whole conference was conducted in three different sessions, with the paper presentation session.

The event was started with Bharati Vidyapeeth song followed by lightning the lamp by guests as a symbol of knowledge and wisdom. Welcome speech and introduction of the chief guest was given by **Prof. (Dr) R.R. Jadhav**, Organizing Secretary of this conference. The President of this Innogral function was **Dr. H. M. Kadam**, Regional Director of Bharati Vidyapeeth, Sangli. All dignitaries on the dais was falcited by the Principal **Prof. (Dr) V. Y. Kadam**. **Prof. (Dr) S.V. Pore**, Convener of this Conference introduced the Chief Guest **Prof. Pramod Mahulikar**, Former Pro-Vice Chancellor K.B.C. North Maharashtra University,

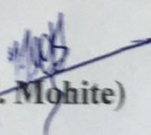
Jalgaon. In key note address Prof. Mahulikar covered the hazardous effect of synthetic pesticides and food scarcity for increasing population. According to him, in recent years, the interest and awareness about the role of the biopesticides in the agriculture, public health and human welfare is developing rapidly as an alternate safeguard from environment contamination and health hazards resulting from indiscriminate use of synthetic pesticides. After the key note address souvenir of the conference was published by the dignitaries on the dais. In Presidential speech Dr. H.M. Kadam told about the overall development of Bharati Vidyapeeth by Dr. Patanraoji Kadam, Founder of the Bharati Vidyapeeth. With vote of thanks **Prof. (Dr) U. K. Mohite**, Organizing Secretary of this conference concluded the first session.

The second session was chaired by **Prof. (Dr) Chandrakant Bobade**, Balwant College Vita, The resource person for this session was the **Prof. Kiran Kumar Sharma**, Director of Nano-Science department, Shivaji University Kolhapur. **Dr. C. E. Patil**, Department of Physics of our college introduced the chief Guest Dr. Kiran Kumar Sharma. In his speech he told about the Nano materials, Semiconductor Materials, Smart Materials, Bio materials, Thin films, Material Science, Artificial intelligence, Data mining etc. The session was concluded by Miss. Dr. Gauri Patil, from Dr.P.K. Mahavidyalaya, Burli with vote of thanks.

The Third session was chaired by **Dr Nilkanth Khandare**, K.N.P. Mahavidyalaya, Walwa, The resource person for this session was the **Dr. Adikrao Jadhav**, Advisor, National Sericulture Project Havra, Cuba. **Prof. (Dr) M.M. Ghatge**, Convener of this Conference introduced the Chief Guest **Dr. Adikrao Jadhav**. The topic of this session was "*Global Opportunities for Innovations, Technology Development in Silk and Sericulture Sciences*". The session was concluded by Miss. Dr. S. A. Kirtane from Y.C. Institute of Science, Karad with vote of thanks.

In Valedictory function Chief Guest was **Dr. Adikrao Jadhav** and **Prof. (Dr) V. Y. Kadam**, Principal of our college chaired as the President. The best paper presentation Prize was given to the participants by the auspicious hands of the Chief Guest **Dr. Adikrao Jadhav**. **Mr. H. R. Ingawale**, Department of Physics, of our college conclude this last function with vote of thanks.

There are 140 participants, research scholars and faculties from various colleges were participated in this National conference. In souvenir about **78 abstracts** were published. About **31** research papers are presented by the researchers in this National Conference.

  
(Prof. (Dr) U. K. Mohite)


Organizing Secretary

**HEAD**

Dept. of Physics

Bharati Vidyapeeth's

M.B.S.K. Kanya Mahavidyalaya  
Kadegaon, Dist. Sangli

  
(Prof. (Dr) V. Y. Kadam)

**I/c. Principal**  
**I/C Principal**  
B.V.M.B.S.K. Kanya Mahavidyalaya,  
Kadegaon, Dist. Sangli