



**Bharatiya Vidya Bhavan's
Hazarimal Somani College of Arts and Science, Shri Manubhai
Maneklal Sheth Junior College of Arts and Science and Jayaramdas
Patel College of Commerce and Management Studies,
K. M. Munshi Marg, Chowpatty, Mumbai 400 007
(Affiliated to University of Mumbai)
Website: <https://bhavanschowpatty.ac.in>**

International Conference on Fundamental and Applied Sciences (ICFAS 2021)

24th March to 26th March, 2021

Organised by

Faculty of Science in collaboration with IQAC



 Registration Form link: <https://forms.gle/235Gsvv9obHYXFC97>

 Telegram group link: <https://t.me/joinchat/HJesed-VsA75sNIE>

 Whatsapp group link: <https://chat.whatsapp.com/DZWoe7ZIN49JhhJ3nBk3g9>

About the Institution

Bharatiya Vidya Bhavan stands and commits itself for the reintegration of Bharatiya Vidya, which is the primary objective of Bharatiya Shiksha that can only be attained through a study of forces, movements, motives, ideas, forms & art-of creative live-energy. The ultimate aim of Bharatiya Shiksha is to teach the younger generations to appreciate and live up to the permanent values of Bharatiya Vidya and equip every student with scientific and technical training / knowledge. Bharatiya Vidya Bhavan has 367 Constituent Institutes including 119 Centres in India and 7 centres across the globe.

About the College

Hazarimal Somani College of Arts and Science and Jayaramdas Patel College of Commerce and Management Studies, affiliated to University of Mumbai, is a NAAC accredited college, nestled close to magnificent dome structure of its parent institution, Bharatiya Vidya Bhavan. It was inaugurated on June 21, 1965, in the august presence of its founder President, Late Kulapati Dr. K. M. Munshiji, member of the drafting committee of the Constitution of India. The college is amongst the prestigious, traditional and cultural heritage institutions in South Mumbai.

The College avows the vision of its Founding Father Kulapati Dr. K. M. Munshiji and conveys the values of unity and intellectual expansiveness. True to its vision and creative energy, it constantly endeavours to instill values, a sense of propriety and commitment and mould the lives of students.

The college offers undergraduate courses in Science, Arts and Commerce; post graduate and Ph. D. courses in Zoology and Chemistry in Science and Post graduate courses in Commerce. The college also offers Self-financing courses for BMS and BAF.

Keeping in view the Vision, Motto and Ideals of the Institution, the Departments of Science are organising an International Conference on '**International Conference on Fundamental and Applied Sciences (ICFAS 2021)**'.

About the Departments of Science:

The Departments of Science viz., Chemistry, Zoology, Botany, Physics and Mathematics were established in 1965. The Departments of Chemistry and Zoology also offer postgraduate and Ph.D. programmes. The Department of Chemistry conducts Post Graduate aided courses in Physical Chemistry, Inorganic Chemistry and Organic Chemistry by papers. It also offers M.Sc. (by Research) and Ph.D. in Organic Chemistry (unaided). The Department of Zoology offers Post Graduate courses (by Research) since 1976 and Ph.D. courses since 2017. It hosts the Zoological Museum and has invaluable assets which are effectively used in teaching. The Department of Botany has wide collection of preserved plants, fossils, bryophytes and so on in the museum, and live plants in the spacious botanical garden. The Physics Department has a dark room for Optic Physics experiments. This is the only college in Mumbai to run Physics-Mathematics twin course at TYBSc. The Department of Mathematics conducts Mathematics courses for Science students and a Course in Mathematical and Statistical techniques for Commerce students at the undergraduate level.

The Science Departments have well-equipped and spacious laboratories with modern equipment. All the departments are equipped with departmental libraries. The faculty members are actively engaged in research and allied activities. The commendable research activities conducted by the faculty members have brought laurels to the institution.

About the Conference (ICFAS-2021):

The 'International Conference on Fundamental and Applied Sciences (ICFAS 2021)', which will be held in online mode, aims to provide a platform for dissemination of scientific research among eminent scientists, academicians and young budding researchers in the field of Chemical, Material and Life Sciences. The conference shall bring together aspirants from around the world to broaden the scientific field of vision, and cultivate comprehensive thinking ability so that students and researchers can become outstanding scientists and contribute to the rapidly changing society and to the world.

Objectives of the Conference:

- To provide a platform for researchers around the globe to present their unpublished work from the field of Chemical, Material and Life Sciences
- To provide an opportunity to the budding researchers and undergraduate students to develop scientific temper
- To bring together academicians and experts from different parts of the country and abroad to exchange knowledge and ideas
- To encourage and promote interdisciplinary scientific community to exchange and develop new strategies and establish global collaborations

Themes:

- New Concepts in Ecology, Biodiversity and its Conservation
- Current Issues in Environment Sciences
- Innovations in Bioremediation and Phytochemical Studies
- Technological Advances and Development in Genetics and Evolutionary Studies
- Recent trends in developing Agricultural Productivity
- Advances in Neurology and Behavioural Sciences
- Emerging Strategies in Vaccine Development
- Green Chemistry
- Scientific Innovations, Prospects during Ongoing & Post COVID-19 Pandemic
- Organic Synthesis and their Applications
- Innovations in Nano Sciences and Smart Materials
- Organometallics
- Applications of Physics in Medical Field
- Recent trends in Pure and Applied Mathematics
- Emerging Trends in Mathematical Modelling
- Coding Theory and Cryptography
- Financial Mathematics
- Applications of Differential Equations
- Multifunctional Composite Materials
- Photonics and Electronics
- Materials for Energy Harvesting
- Artificial Intelligence
- Spintronics
- Computational Physics

Patron

Shri Mukul Sonawalaji

Trustee, Bharatiya Vidya Bhavan,
Chairperson, Governing Body, Hazarimal Somani College, Mumbai

Prof. (Dr.) S. V. Rathod

Chairperson and Principal

Dr. Sandip Maind

Convenor (8425916377)

Mr. Swapnil Shewale

Co-Convenor (7709745350)

Dr. Suraj Gajbhiye

Organizing Secretary (9821331987)

Ms. Ambika Sharma

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Dr. Vijay Hile

Dr. Shantaj Deshbhratar

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- Dr. Vinayak Kamble, Asst. Professor, IISER Thiruvananthapuram
- Dr. Manisha Acharya, Associate Professor, Maharshi Dayanand College, Mumbai
- Dr. Akshay Rane, UGC Assistant Professor, ICT, Mumbai

Important Dates:

Last date of online registration: **12th March 2021**

Last date of abstract submission: **14th March 2021**

Last date of submission of Oral/Poster Presentation: **20th March 2021**

Last date of Full-length Research Paper submission: **20th March 2021**

Notification of Selected Research Papers for Publication: **28th March 2021**

To be published in UGC Care list Journal (ISSN No.)
or Chapter in Book (ISBN No.)

Registration Fees:

Participant Profile	Indian Delegates	International Delegates
Only Participation	Nil	Nil
Oral/Poster Presentation		
a) UG/PG students	Rs. 100	
b) Research Scholars	Rs. 250	\$ 20
c) Faculty Members	Rs. 500	
Research paper selected for publication	Additional Rs. 2500	Additional \$ 100

Please note: Research Scholars in service will be considered as Faculty members

Payment Details:

Account Name: Bhavan's Hazarimal Somani College

Bank: UCO Bank, Chowpatty, Mumbai 400007

Account type: Saving

Account No.: 00900100016148

IFSC Code: UCBA0000090

MICR Code: 400028005

Guidelines for Submission of Abstract:

- Abstract should not exceed 200 words including keywords (Font: Times New Roman, 12 points, Justified with 1.5 spacing) excluding cover page.
- Abstract should include the cover page depicting the name of the authors and presenter along with affiliation and emails.
- Abstract should not include any reference, and to be sent in MS word & PDF format to conference@bhavanschowpatty.ac.in on or before 14th March 2021 up to 6 pm.
- Abstract will be subjected to review process and only those abstracts approved by the reviewers will be selected for Oral / Poster Presentation and subsequently communicated.
- Key Highlights: Best Oral and Poster presentations will be awarded under different categories.