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Research Towards Innovation



CAREER COLLEGE
BHOPAL

International Conference

On

Advanced Research Strategies for Sustainable Development

Date: 3-4 June, 2022
Time: 11:00 AM Onwards

YouTube Live
Facebook LIVE

Platform: Google Meet
(Live at Youtube & Facebook)

Organized By

**CAREER COLLEGE
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About College

Career College, Bhopal a brand name in Education was commenced its journey in 1970. From then onwards, it has grown into a sprawling lush green campus with multistoried buildings, state-of-the art research infrastructure, laboratories etc. With the foundation laid down by Chairman Shri Vishnu Rajoria, college developed itself strength to strength and acquired a prestigious position as an institution which could build worthy citizens.

The college is affiliated to Barkatullah University, Bhopal and is offering undergraduate and postgraduate courses in Biotechnology, Biochemistry, Microbiology, Chemistry, Zoology, Botany, Commerce and Management, Computer Science, Physiotherapy, Paramedical and Library science. In addition, college also offers online certification program with Harvard Business School, Deakin University, Australia, spoken tutorial certificate course with IIT Bombay, NPTEL courses, certificate courses in various renowned foreign universities, IGNOU and a number of short-term certificate & value-added courses.

The emblem of Career College showcases emphasis of the all-round development via imparting quality education and making the most compatible, humble and responsible citizens of India.

Throughout the 52 years of a glorious existence, the College has produced great alumni as scientists, industrialists, entrepreneurs, researchers etc. and contributed positively towards the development of country. Our commitment to bring excellence is an integral idea and not just a mere philanthropy. Today, Career College has evolved into gateway to excellence.

The Department of Chemistry was established in July 1998 and has a team of highly qualified and efficient faculties enriched with professional and research attitude. Department of Chemistry is complimenting the motive of institution by fostering research intensive environment for cutting-edge research. Department is enriched with research atmosphere to nurture the same in its students and scholars to pursue world class research. Department conducts doctoral and post-doctoral research in all major areas of chemical and allied sciences. Thrust areas include Synthesis & Complexation, QSAR & Molecular Modelling, Soil Analysis & Characterization, Pharmaco-kinetic and Pharmaco-dynamic, Environmental Analytical Chemistry, Smart Materials, Nano Materials, Nano synthesis, Green Chemical Synthesis, Organic Synthesis, Opto-sensors, , Development of Greener Devices, Green and Sustainable Chemistry, Water Analysis and Toxicity Monitoring.

About Conference

Innovations brought in Science & Technology are essential elements for economic growth and human development. For India to lead on the path of sustainable development for economic development, environmental sustenance and social inclusion for accomplishing "Atmanirbhar Bharat", rigorous researches to promote development of indigenous technologies and encouraging innovation are an urge. The COVID-19 pandemic compelled Research and Development (R&D) institutions, academic establishments and industry to work hand in hand. Science and technology play vital role in helping the world respond to some of such biggest challenges.

Sustainable development helps humans to live and meet all their needs without compromising the ability of future generations. Science, Technology & Innovation Policy, 2013 emphasizes on the role of Science, Technology and Innovations for the progression of society. "Science, Technology and Innovation (STI) has emerged as the main focus of development. With advancement to aspire sustainable and inclusive growth, the STI system, requires to play a defining role. Science and Technology to inspire youth and Innovation program for boosting research activities has potential to engage masses and hence looking to the potential, the conference has been planned.

Chemistry and allied sciences are core to develop technologies for sustenance. Such technologies have emerged as an integral part for sustainability from allied sciences to applied sciences, environmental sciences to green technologies, nanotechnology to microbiology, astrophysics to biotechnology, mathematics to computer, commerce to management and many more. Looking to such versatility in different fields of Science and Technology throughout the world, the theme, chosen seems well suited. International Conference on, "Advanced Research Strategies for Sustainable Development" includes the research related to any field of Science and Technology which directly or indirectly works toward progress of science and society.

The goal of this conference is to record the latest findings and promote further research in the different areas of Science and Technology where chemistry and allied sciences are actively engaged. The conference will help India to become technologically self-reliant and scientifically superpowers in the coming decade.

Theme and Eligibility:

Industrialists, Faculties, Scholars and students from all relevant academic fields are invited to submit high-quality research abstracts that describe the latest, state-of-the-art research results or innovations on the following THRUST AREAS but not limited to:

- Role of Chemistry in Environment & Society
- Researches focussed on sustainable technologies.
- Biotechnological applications for sustainable agriculture or product development
- Mathematics, computer and management in study of chemical science.
- Environmental sciences.
- Green technologies.
- Nano-Chemistry, Nano-materials and Nanotechnology.
- Engineering aspects of smart materials.
- Medicinal Chemistry
- Pharmaceutical Chemistry
- Green and clean technologies
- Waste management technologies
- Analytical Approaches
- Molecular Biology
- Supramolecular Chemistry
- Environmental laws and legislations for sustainable tomorrow
- Catalysis for green materials
- Food and Agricultural Researches
- Green Business
- Hydrology
- Earth Sciences
- Pollution, Prevention and Protection
- Computation and Modelling
- E-Commerce
- Marketing Strategies for Sustenance
- Environmental Health, Ethics and Protection
- Law and Legal Research
- Health Care
- All theoretical basic sciences research which proves to be a basic platform for advancement in science and technology.

Research Foundation of India is strictly working for the Social upliftment and higher Education quality and Indian research promotions in the form of Events like International / National Conferences, Seminars, Workshops, Symposium, and other Activities. RFI works for the integration of intellectual ideas across the globe to fulfill the thirst of innovation of humanity. Research Foundation of India is concerned with improving the educational process by encouraging scholarly inquiry related to education and practical application of research results. Research foundation of India is working for research and development for higher education. RFI members are faculty, researchers, graduate students, and other distinguished professionals with rich and diverse expertise in education research. RFI does not take any financial sponsor from any Govt body, Research foundation of India has organised 500 plus International conference and workshops, FDP, Symposia etc all over the world. Now RFI having 87 Chapter in India and 18 chapter in Asian and Other countries, and categorised in five Board West, East, South, North and Central Zone.

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