

About M. S. Ramaiah College of Arts, Science, and Commerce (MSRCASC)

Dr. M. S. Ramaiah, a visionary and philanthropist established "Gokula Education Foundation (GEF) in the year 1962 to deliver education and healthcare for the betterment of mankind. Under the tutelage of GEF, M.S.Ramaiah College of Arts, Science, and Commerce (MSRCASC) was established in 1994. MSRCASC is Re-accredited with "A" Grade by NAAC, Permanently Affiliated to Bangalore Central University (BCU), and approved by AICTE, and is also recognized under section 2(f) & 12(B) of the UGC Act 1956.

The college as a whole offers seven UG courses and six PG courses in Arts, Science, and Commerce to around 2500 students. Especially, Department of Life Sciences conducts 2 UG and 4 PG programs in Chemistry, Biochemistry, Microbiology, and Biotechnology close to 800 students. The dedicated faculty members from our college have vast teaching experience and most of them have pursued doctoral and postdoctoral work in eminent institutes in India and abroad. In the present academic year, the college will be offering unique certification program on Quality Control Analytical (QCA) in collaboration with Biocon Academy, Bangalore that encourages student's industry readiness. Finally, MSRCASC not only educates young students to excel academically, but also strives hard to ingrain societal responsibilities in them.

About Karnataka Science and Technology Academy (KSTA)

Karnataka Science and Technology Academy (KSTA) is an autonomous organization under the Department of Science and Technology, Government of Karnataka, which was established under the Chairmanship of distinguished space scientist Padma Vibhushan Prof. U R Rao, Former Chairman, ISRO in 2005. Renowned scientists, well-known educationists and senior administrators are members of KSTA, while Dr. H Honne Gowda, Special Secretary (Technical), DST/MD, KSTePS is the Member Secretary.

KSTA has been carrying out many dovetailed programs to promote STEM education at different levels in an educational pyramid and organising faculty development programs as well as science outreach programs across the State. Main objectives of KSTA are: To encourage basic science teaching & learning, promote science and technology developments, inculcate the spirit of science at all levels and sections of the society, and encourage science communication for building knowledge based society. One of the major programs of KSTA is organization of annual S&T Conferences in different divisions of the State on subjects such as physics, chemistry, biological sciences and mathematics.

About National Academy of Sciences, India (NASI)

The National Academy of Sciences, India (initially called "The Academy of Sciences of United Provinces of Agra and Oudh") was founded in the year 1930, with the objectives to provide a national forum for the publication of research work carried out by Indian scientists and to provide opportunities for exchange of views among them. Prof. Meghnad saha was its first President elect.

About 1st International Conference on Life, Chemical, and Health Sciences (ICLCHS-2019)

MSRCASC has been serving student community since 1994 and presently celebrating its Silver Jubilee Year. To commemorate the occasion, we are organising 1st International Conference on Life, Chemical, and Health Sciences (ICLCHS-2019). The conference will be conducted under the aegis of Gokula Educational Foundation (GEF) and collaborative support from KSTA (Karnataka Science and Technology Academy) and Department of Science & Technology (DST), Government of Karnataka (GoK). In addition, we will associate with National Academy of Sciences, India (NASI) - Bangalore chapter in arranging eminent speakers from their academy.

- ☞ The conference aims to bring students and researchers to discuss recent advances and interdisciplinary trends in life, chemical, and health sciences
- ☞ The conference will be held for 3 days that includes six plenary sessions. Each plenary session is followed by invited lectures and oral presentations
- ☞ Conference proceedings will be published in UGC/ SCOPUS indexed journal
- ☞ Prizes will be distributed to winners (3 each) in oral and poster presentations on different themes
- ☞ Group discussion sessions on job and networking opportunities for students and postdoctoral fellows by national and international delegates will be conducted
- ☞ The RCASC students club 'Discover New Avenues Club' will play a key role in the cultural and scavenger/science hunt events at the conference

Registration Fee

All the participants are requested to register before the deadline. The selected abstracts from the registered participants ONLY be published in the conference proceedings. Spot Registrations will not be assured

Category	Registration fee in INR
Delegates from Industry	2000
Delegates from Academia and R & D institutions	1000
Postdoctoral Scholars and Students	500
Foreign National	50 USD

The registration fee includes only conference kit, proceedings, tea, breakfast, and lunch. The payment should be paid by online banking through NEFT or RTGS to account no.141201011004859 VIJAYA BANK, MSRIT, BANGALORE (IFSC - VIJB0001412). The scanned copy of the registration form and online payment details can be mailed to admin@iclchs-rcasc.org, iclchs.rcasc@gmail.com

Important Dates

Conference Dates **24-26, October 2019**

1. Call for Abstracts: From 30th July to 30th September 2019
2. Notification of acceptance of abstracts: On or before 10th October 2019
3. Registration dates: On or before 15th October 2019

THEMES

1. Analytical & Pharmaceutical Chemistry
2. Biochemistry & Structural biology
3. Biodiversity & Conservation
4. Biopolymers & Synthesis
5. Bioremediation & Environmental Sciences
6. Catalysis
7. Developmental & Reproductive biology
8. Drug discovery & Design, Cancer biology
9. Food & Industrial Microbiology
10. Genetic engineering & rDNA technology
11. Genomics & Proteomics
12. Green Chemistry
13. Industrial Biotechnology
14. Medicinal Chemistry & Bioprospecting
15. Microbiology & Immunology
16. Molecular biology & Signaling
17. Nanomaterials & Nanobiotechnology
18. Neurobiology
19. Plant & Agri biotechnology
20. Luminescence & Phytochemistry

ABSTRACT FORMAT

ICLCHS accepts abstracts for oral/poster presentation. Each abstract need to be typed in Times New Roman of 12 fonts in 1.15 line spacing. The title of the abstract should be in capital bold of 18 font, followed by author name(s), affiliation, postal address and email id of the corresponding author. In case of multiple authors, presenting author name has to be underlined. The abstract should not exceed 250 words.

Submission of abstracts will be done through :www.iclchs-rcasc.org All abstracts will be screened by proceedings committee. The committee will recommend selections for oral and poster presentations. All accepted abstracts will be published in UGC recognised journal (details will be updated soon). No additional fee is charged for publishing conference proceedings.

For Further Assistance

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Proposed Keynote & Invited Speakers

Hendrik (Rik) Korswagen

Rik Korswagen is a group leader at the Hubrecht Institute and professor of Molecular Developmental Genetics at Utrecht University, the Netherlands. His group is interested in the mechanism of Wnt signal transduction in development and disease and uses the *C. elegans* model system to study Wnt signaling at single cell resolution. His current research focuses on canonical and non-canonical Wnt signaling mechanisms in cell migration, which he studies using a combination of genetics, time-lapse confocal imaging, RNA sequencing and single molecule mRNA in situ hybridization.

Prof. Rangarajan PN

Department of Biochemistry, IISc, India.

His laboratory is investigating regulation of carbon metabolism in the methylotrophic yeast, *Pichia pastoris*. Investigations thus far have led to the characterization of two zinc finger transcription factors, Mxr1p and ROP. Recent studies indicate that Mxr1p regulates the expression of genes encoding enzymes involved in the metabolism of several non-fermentative carbon sources such as acetate, ethanol etc. They are also studying intracellular trafficking of proteins. Their long term goal is to understand the biology of *P. pastoris* such that the new knowledge generated can lead to novel biotechnological applications.

Dr. Ranjana Pathania

Associate Professor, IIT Roorkee, India.

Areas of expertise; Molecular Biology, Bacterial Pathogenesis, Antibacterial Drug Discovery, Chemical Genomics, Mode of Action of Novel Antibacterials in Gram-negative bacteria, Multiple Drug Resistance in Bacteria. Bioremediation of Pesticide contaminated soil, Characterization of Pesticide degrading Bacteria, Metagenomics

Dr. Satheesh Maddirevula

Associate Scientist, King Faisal Specialist Hospital and Research Centre (KFSHRC), Department of Genetics, Riyadh, Saudi Arabia.

Areas of expertise; Clinical Genomics, AutoZygosity, Zebrafish Embrogenesis, and Congenital microcephaly.

Dr. Taslimarif Saiyed

CEO and Director at Centre for Cellular and Molecular Platforms (C-CAMP).

More details on other eminent speakers will be updated on www.iclchs-rcasc.org

CHIEF PATRONS

Sri Dr M. R. Jayaram	Honorable Chancellor RUAS & Chairman, GEF
Sri M. R. Seetharam	Vice Chairman, GEF, Director, RIT
Sri M. R. Janakiram	Trustee GEF, Director, RCASC
Sri M. R. Kodandaram	Trustee GEF, Director, RCASC
Sri B. S. Ramaprasad	Chief Executive, GEF (Eng. & GS)
Sri G. Ramachandra	Chief of Finance, GEF (Eng. & GS)

CO-PATRON

Dr H Honne Gowda	Special Secretary, Dept. of IT, BT and S&T MD, KSTePS/ Member Secretary, KSTA
Chief Mentor	Dr. A. Nagarathna, Principal, RCASC
Organizing Secretary:	Dr. Nagagireesh Bojanala, Dean & Head of Research, Department of Life Sciences, RCASC.
Joint Secretary:	Dr A M Ramesh, CEO, KSTA
Joint Secretary:	Dr. Channarayappa, HOD, Department of Biotechnology & Genetics, RCASC.
Joint Secretary:	Dr. Vijaya Kumar Reddy, Adjunct Professor, Department of Chemistry, RCASC.
Joint Secretary:	Dr. Pushpa Ramesh, HOD, Department of Microbiology, RCASC.

ADVISORY COMMITTEE

Dr. M.R.N. Murthy, Professor, Molecular Biophysics, IISc, Bangalore, India.
Dr. Melanie McReynolds, HHMI Hana Gray Fellow, Princeton University, USA.
Dr. V. Sivaram, Registrar, Bangalore Central University, Bangalore, India.
Prof. Jayaram B. S. Vice Principal, RCASC, Bangalore, India.
Dr. Varsha Singh, Assistant Professor, MRDG, IISc, Bangalore, India.
Dr. KNC Murthy, ICMR Scientist E, Central Research Laboratory, Ramaiah Medical College, Bangalore, India.
Dr. B. N. Nagabhushana, Vice-President of Luminescence Society of India: Karnataka Centre (LSIKC) HOD, Department of Chemistry, MSRIT, Bangalore, India.
Mr. Ravdeep Singh Anand, President, Dystrophy Annihilation Research Trust, Bangalore, India.



1ST INTERNATIONAL CONFERENCE ON LIFE, CHEMICAL, AND HEALTH SCIENCES {ICLCHS}

24th - 26th October 2019

PRE CONFERENCE BROCHURE

JOINTLY ORGANIZED BY

Department of Life Sciences, Ramaiah College
of Arts, Science and Commerce (RCASC)

Karnataka Science and Technology Academy
(KSTA),

Department of IT, BT, & Science and Technology,
Government of Karnataka (GoK)

Date : 24 - 26 October 2019
Venue : Apex Block, Auditorium, Level 6, RIT, Bangalore-54
email : admin@iclchs-rcasc.org, iclchs.rcasc@gmail.com
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Principal

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Dean & Head of Research