

National Conference

on

ADVANCES IN ANALYTICAL TECHNIQUES FOR MATERIALS AND
BIO-MEDICAL APPLICATION

(AATMABIMAAN – 2022)

DEC 15-16, 2022

Organised

by



Dept. of CHEMISTRY

Rani Channamma University



Dept. of APPLIED SCIENCES

Visvesvaraya Technological University

In Association with



Indian Society of Analytical Scientists (ISAS)
Belagavi Chapter

<http://isasbharat.in/>

Venue: Rani Channamma University

PB NH-4, Belagavi 591156, Karnataka

About the conference, AATMAABIMAAN – 2022

The 21st century is an era of interdisciplinary studies. Advanced Analytical Techniques are very important in all the field of research including material, chemical, biological and engineering sciences.

This conference aims to provide a platform for researchers from Universities, Institutes, Industries and Companies to promote collaborative approach for learning the advances in the field of analytical techniques and for the development of new and innovative techniques for analysis in material, chemical, biological and engineering sciences.

Department of Chemistry @ Rani Channamma University, Belagavi

Rani Channamma University (RCU) is a Public University and functioning as per UGC norms and Karnataka State University Act. It has the jurisdiction of 3 Districts: Belagavi, Bagalkote and Vijayapura. More than 418 colleges have been affiliated to RCU and offering UG and PG Programmes in Arts, Science, Commerce and Management discipline. PG Department of Chemistry in RCU campus was established in the year 2011 & offers M.Sc. & Ph.D. programme. There are 6 permanent faculty with excellent research background. Department is equipped with XRD, FTIR, TG-DSC, ED-XRF, GC, Electrochemical workstation etc. under the grant received from DST-FIST, BRNS/DAE, UGC, VGST (Govt. of Karnataka) and internal funding by RCU. Faculty members and Research Scholars have published in high impact journals viz., *Nano-Micro Letters*, *Applied Surface Science*, *Waste Management*, *J Environ. Chem. Eng.*, *Applied Clay Science*, *J Environmental Management*, *Ceramic International*, *Journal of Alloys and Compounds*, *Int. J. Biol. Macromol.* etc.

Department of Applied Sciences @ Visvesvaraya Technological University (VTU), Muddenahalli Campus

VTU is one of the largest Technological Universities in India with 20 years of tradition of excellence in Engineering & Technical Education, Research, and Innovations. It came into existence in the year 1998 to cater the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. University has successfully achieved the tremendous task of bringing various colleges affiliated earlier to different universities, with different syllabi, different procedures and different traditions under one umbrella. It has four regional centers across the State of Karnataka in Belagavi, Bengaluru, Kalaburagi, and Mysuru. Multi-disciplinary and multi-level institutions offering wide range of programmes in engineering, technology and Management under VTU.

Department of Applied Sciences started M.Tech. in Nanotechnology Programme in 2012. Currently, the Department is offering M.Tech. in Nano Science and Technology, B.Sc. Honors in Chemistry/ Nanoscience and Ph.D. programs. The department encompasses highly qualified dedicated faculties who imbibe and nurture the students with all practical skills apart from the Teaching-learning process. The courses offered by the department are M.Tech. in Nanotechnology and Ph.D. in Applied Sciences. The faculty members of the Department are having ongoing funded research projects from various funding agencies of both state and central Govt. and also International Collaborative Research Projects.

Indian Society of Analytical Scientist (ISAS) [HQ: REDS, South Site, BARC, Trombay, Mumbai 400 085]

<http://isasbharat.in/>

ISAS was formed in 1983 at Bhabha Atomic Research Center (BARC) Mumbai, has now expanded into a 3000 strong Indian national multidisciplinary professional forum of experts in *Analytical Sciences*, spread over its 8 Chapters, including Belagavi Chapter. Over the past 38 years, ISAS has organized more than 35 National and International Conferences and over 100 Weekly Webinars during COVID-19 period on various topics of interest to the scientific community. The main goal of ISAS is to promote Excellence, Relevance, and Right Direction, in routine and innovative work, by providing top-level analytical expertise in Analytical Sciences, Technology and Management. ISAS is committed to the dissemination of knowledge, expertise, and improved Scientific Temperament of the entire community of analytical scientists, academicians, and students. The Prestigious Life Time Achievement Awards are conferred by ISAS as a recognition for Professional Excellence. ISAS has earned Reputation and Recognition as the Premier Expert Forum of Analytical Scientists and Technologists in India. Recently, Journal of ISAS has been launched, <https://isasjournal.isasbharat.in/>. Close to 100 Life Members have been enrolled in **ISAS Belagavi Chapter**, and stated Professional activities such as Webinars, Conferences etc.

Special Session (parallel) is organized on Dec 15, 2022 focusing on "Mobilization of Impact-making Development Oriented R & D Programmes." A general insight about the preparation of Impact-making R&D Project proposal for funding, and detailed inputs during presentation-discussion of draft proposals on various topics shall be given, that would qualify such modified projects for funding opportunities from Govt. and other sources, by experts during the workshop. Faculty members (prospective UG & PG Colleges/Universities) can register and attend the workshop as well as make presentations on their draft R&D Proposal for discussion and feed back.

Call for Abstracts and full papers

Professionals from the industry, academic and research organizations are invited to submit their research work for the upcoming **AATMAABIMAAN-2022**. The conference comprises of plenary lectures, invited talks, and contributed oral and poster presentations from all over the world. Student Project Exhibition and Research papers are invited in the field of Materials Science, Chemical and Biological Sciences including Engineering involving advanced analytical techniques for material and Biomedical application analysis and other related fields. Abstracts of about 300 words should be submitted through Google form only. The abstract should contain title of the paper, key words, the author's names and their affiliation including the mailing address, fax numbers and the email of the corresponding author. Abstracts should clearly mention about the aim, important results and conclusions of the study. The papers will be accepted based on the understanding that one of the authors will attend and present the paper at the conference.

Abstracts are invited from following fields:

- Material Sciences
- Environmental Sciences
- Chemical Sciences
- Physical Sciences
- Biological Sciences
- Engineering Sciences

Selected papers will be accepted for publication in the ISAS journal or in the indexed journals after peer review process.

Important Dates

Last date for Abstract submission & Early Bird Registration : **10 December 2022**
 Last date for Late Registration with additional Fee : **13 December 2022**
 Conference Dates : **15 & 16 December 2022**
 Acceptance of abstract will be communicated within a week from the date of submission.

Registration to be made through the Google form link only. Registration fee includes Conference kit, Refreshment during the event (Tea and Lunch) and access to all session. Registration fee has to be paid through online

Category of delegates	Registration fees (INR)	
	Before 10 Dec 2022	After 10 Dec 2022
Academic	1,000/-	1,250/-
Industry	1,500/-	2,000/-
Research Scholar & PG Students	500/-	600/-
Spot Registration is also available		

Account details for registration fee payment (PhonePe & Google Pay is acceptable – need to bring evidence)

Account Name : ISAS Belagavi
 A/c no : **110020682664**
 IFSC : CNRB0010552
 Bank : Canara Bank,
 Branch : Bhutaramanahatti Branch, Belgaum 591156



Accommodation Charges are extra (Free &/or economical Hotels are being contacted).

Sponsorship and Advertisement

AATMAABIMAAN-2022 provides a unique opportunity for sponsoring organizations to promote their products/services to the focused international and national audience besides having an excellent opportunity to interact with engineers/scientists/academia during the conference. Contact organizers for more details on sponsorship and advertisement.

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For more details contact

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Dr. Prasanna D. Shivaramu

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Email: isasbelagavi@gmail.com

For registration form/Submitting the abstract

Visit URL:

<https://forms.gle/MSmXNVuUZJFrF9r6>

Or

Scan the QR Code



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Programme Schedule

Day-1: 15-12-2022 (Thu)		Day-2: 16-12-2022 (Fri)	
09:00 – 10:30	Registration & Breakfast	09:00 – 10:30	Registration & Breakfast
10:30 – 12:00	Inauguration & Address by Chief Guest	10:30 – 11:15	Keynote address-2 (<i>Prof. SV Bhosale</i> , Goa Univ.)
		11:15 – 12:00	Invited Lecture-4 (<i>N Mahanta</i> , IIT Dharwad)
12:00 – 12:15	Tea break	12:00 – 12:15	Tea break
12:15 – 13:00	Keynote address-1 (<i>Prof. J. Manjanna</i> , RCU)	12:15 – 13:00	Invited Lecture-5 (<i>Surya P. Singh</i> , IIT Dharwad.)
13:00 – 13:45	Invited Lecture-1 (<i>PL Dhepe</i> , NCL)	13:00 – 13:45	Invited Lecture-6 (<i>G. Nagaraju</i> , SIT, Tumkur)
13:45 – 14:30	Lunch break	13:45 – 14:30	Lunch break
14:30 – 15:00	Parallel Sessions	14:30 – 15:00	Invited Lecture-7 (<i>Banappa S Unger</i> , ICMR)
	Invited Lecture-2 (<i>KM Garadkar</i> , Shivaji Univ.) & Special Session @ Classroom (<i>PP Chandrachodan</i> , Ex-BARC)		
15:00 – 15:30	Invited Lecture-3 (<i>AV Ghule</i> , Shivaji Univ.)	15:00 – 15:30	Invited Lecture-8 (<i>PM Gurubasavaraj</i> , RCU)
15:30 – 15:45	Tea break	15:30 – 15:45	Tea break
15:45 – 17:00	Oral presentations (OP-1 to OP-10)	15:45 – 17:00	Oral presentations (OP-11 to OP-20)
17:00 - 17:30	IJAA General Body Meeting	17:00 - 17:30	Valedictory (Awards for OP & PP)
POSTERS (PP 1 to PP 50) Displayed from 12 Noon to 5 PM		POSTERS (PP 51 to PP xx) Displayed from 12 Noon to 5 PM	

Dignitaries & Speakers in AATMABIMAN – 2022 @ RCU (Dec 15-16, 2022)



Prof. S. Vidyashankar
Vice-Chancellor, VTU



Prof. M. Ramachandra Gowda
Vice-Chancellor, RCU



Prof. K B Gudasi
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Goa University, Goa



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