



KUVEMPU UNIVERSITY

(Accredited by NAAC with 'A' Grade)

A Two Day National Conference

On

**“Exploring Innovative Research
and Developments in Chemical
Sciences”**

(EIRDACS - 2019)

1 & 2, March-2019

Organized by

**Department of PG Studies and Research in Chemistry
Kuvempu University, Jnanasahyadri, Shankaraghatta,
Shivamogga Dist. Karnataka, India-577451**

About the University

Kuvempu University was established in the year 1987 and named after a great Kannada writer Shri KUVEMPU, first Jnanapitha (ಜ್ಞಾನಪೀಠ) awardee in Kannada literature. The university has achieved a distinctive academic profile and a cultural identity of its own. The university campus offered post-graduate and Ph.D. programmes in a wide range of disciplines. It has more than 35 Post-graduate Departments in the Faculties of Arts, Commerce, Education, Science and Technology and experience the Chemistry illuminated as never before. The university has accredited by NAAC with 'A' Grade and also awarded 78th ranking in all India level for the year 2018 by National Institutional Ranking Framework (NIRF), MHRD, India.

Kuvempu University is surrounded by the fabulous Western Ghats which apart from sheltering impressive biodiversity, are also sources of major rivers Tunga and Bhadra. This distinctive eco-geographical area is the major producer of paddy, sugarcane, arecanut, spices, coffee and tea. There is vast and growing industrial network with hydroelectric project at the world famous Jog Falls near Sagar in Shimoga District, Mysore Paper Mills, Visveswaraya Iron and Steel industry at Bhadravathi, to mention a few. Kuvempu University is poised to develop many interdisciplinary teaching and research programmes. It is also planning to harness the potential of the Malnad area of conserve and develop the distinctive culture of the area.

About the Campus

Jnanasahyadri, the main campus of Kuvempu University is located at Shankaraghatta at a distance of 28 kms from Shivamogga town, the district headquarters & 18 kms from Bhadravathi, the well-known industrial town. Both the towns are well connected by road and rail to Bangalore. The campus is only 2 kms from the magnificent Bhadra Reservoir across the river Bhadra, one of the important life lines of the area. The main buildings of the University have been constructed

on a small hillock, thus blending naturally with the landscape. The campus sprawls over an area of 230 acres.

The entire campus area is free from any form of pollution including noise pollution. There is no exaggeration in saying that the undisturbed and pleasing atmosphere on the campus makes it ideally suited for the pursuit of higher education. Jnana Sahyadri Campus, a picturesque location enjoying the bounties of nature providing an ideal atmosphere for higher education.

The academic life on the campus is vibrant and exciting with seminars, symposia, special lectures and workshops throughout the year. Both the conventional and non-conventional courses of study have updated syllabi responsive to the needs of the contemporary society and the research orientations are innovative and directed to the societal needs. The main campus is in the lap of a lush providing the right ambience for University education. Indeed, Kuvempu University is a place one would love to be associated with.

About the Department

The department of Chemistry was established in the year 1992. Over the years the department has grown in strength and stature. The department is actively involved in various academic and research programmes in association with industries, institutions, research organizations and universities. The faculty members of the department have got major research projects from various funding agencies, like UGC, DST, etc. It is worth mentioning about the collaborative research of the department with IISc, Bangalore, NITK, Suratkal, etc. Every year the department is conducting campus interview for M.Sc. students by inviting different R & D institutions and pharmaceutical industries. The department has successfully completed a DST-FIST Phase-I and Phase- II programme in association with the Industrial Chemistry department. The department has received Rs. 30 lakh under non-SAP programme and Rs. 45 lakh under UGC-SAP DRS programme. Over the years the department has produced more than hundred Ph.D.'s and more than thousand research papers have been published in reputed

International journals. At present the thirty five research scholars working for the Ph.D. programme and more than hundred students has cleared NET, SLET and GATE examinations. The department is offering choice based credit system (CBCS) to M.Sc. students in addition to semester scheme and it is first of its kind among the entire state universities. The department is engaged in various academic activities like conducting seminars, symposium and conferences to provide a platform for scientists and Industrialists to discuss for mutual benefit. The department has received the BEST DEPARTMENT AWARD from Kuvempu University in the academic year 2009-10 for its outstanding contribution to the academic and research activities. Currently, the research work is being carried out in various fields such as electrochemistry, coordination chemistry, synthetic organic chemistry, corrosion & metal finishing, nanotechnology, synthetic dyes & pigments.









About the conference

The chemistry is a creative science essential for sustainability and improvements to our way of life. The importance of chemistry lies in its ability to answer the most fundamental questions arising in our day-to-day activities. A historical view reveals that a large number of inventions from chemical sciences have evolved into technology, thereby serving the society to a great extent. Chemistry has an important role to play in achieving a sustainable civilization on earth. Chemistry can contribute to achieving sustainability in three key areas. First, renewable energy technologies, where chemists can contribute to the development of economically feasible conversion of solar energy into chemical energy and the improvement of solar energy to electrical energy conversion. Second, the reagents used by the chemical industry today mostly derived from oil, must increasingly be obtained from renewable sources to reduce our dependence on fossilized carbon. Third, polluting technologies must be replaced by benign alternatives. Green Chemistry can dramatically reduce environmental burdens of persistent pollutants by finding suitable alternatives.

Chemistry, the science related to chemical substances, provides us the tools to make and study the substances that are the constituents of almost all medicines. The past hundred years or so, ever since the advent of organic chemistry, many chemical compounds have been discovered in nature that are effective for curing diseases. Modern chemistry has also made it possible to synthesize several medicines using the methods of synthetic organic chemistry. The national conference is aimed at providing platform to the motivated researchers across the country to present their research findings in both pure and interdisciplinary aspects of chemical sciences. The national event is also planned to bring together the academicians, researchers and industrialists from different parts of the country to share and exchange their ideas, views and knowledge of chemical sciences that benefits the society.

Thrust Areas

The research papers in the following thrust areas will be invited for oral/poster presentation:

-  Synthetic Organic Chemistry
-  Synthetic Inorganic Chemistry
-  Electrochemistry
-  Nanomaterials
-  Dyes and pigments
-  Medicinal Chemistry
-  Environmental Chemistry
-  Analytical Chemistry

Call for papers

Abstract of the original research papers may be sent by e-mail: ***eirdcs2019chem@gmail.com*** as an attachment on or before 20-01-2019. Abstract of research papers are invited for both poster and oral presentation. The abstract must be restricted to one page of A4 size: the name of presenting author must be underlined. The space provided for poster presentation is 1m Length x 0.75m Width. For oral presentation the maximum time allotted is 10 min (08 min. for presentation + 02 min. for discussion).

Important dates:

Registration	: 30-01-2019
Abstract Submission	: 20-01-2019
Accommodation	: 10-02-2019

Registration fee (Per Participant):

Faculty from Universities / Colleges	: Rs.2000/-
Research Scholar	: Rs.1000/-
Students	: Rs.400/-
Industries	: Rs.3000/-
Accompanying person	: Rs.300/-

(Without registration materials)

The registration fee should be sent to the convener in the form of DD drawn in favour of The Convener, EIRDCS-2019 payable at State Bank of India, Jnanasahyadri branch on or before 30-01-2019.

Hotel Accommodation at Shivamogga.

(On request by participants)

Double room – Rs 750 /- to Rs 2000 /- (Approximately)

Accommodation at Shankaraghatta (Jnanasahyadri Campus)

Guest house (Limited)	: Rs.400/- (for two days)
Hostel (Limited)	: Rs.200/- (for two days)

The accommodation charges should be sent to the The Convener, EIRDCS-2019 payable at State Bank of India, Shankaraghatta on or before 15-02-2019.

Organizing Committee:

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Hon'ble Vice Chancellor,
Kuvempu University.

Organizing Secretary

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Mangalore University, Mangaluru

Treasurer & Abstract in-charge

Dr. Talavara Venkatesh

Assistant Professor

Department of Chemistry

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Ms. Bhavyasree, A.B.

REGISTRATION FORM

(To be filled in Capital Letter)

“Exploring Innovative Research and Developments in Chemical Sciences”
1 & 2, March-2019

Name of the Participant _____

Department _____

E- mail ID _____

Phone number

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Institution _____

**Address for
Communication** _____

Registration Category

Faculty	<input type="checkbox"/>	Research Scholar	<input type="checkbox"/>
Industry	<input type="checkbox"/>	Student	<input type="checkbox"/>

Title of Paper _____

Name of the Co-Author/s _____

Payment details Reg. Fee _____ DD No. _____

Bank Name _____ Date _____

Date :

Place :

Signature of the Participant