

**Two days National Conference on
"Exploring the New Dimension and
Discoveries in the field of Chemistry"**

07th & 08th March, 2019

Organized by

DEPARTMENT OF CHEMISTRY



KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act 1956)

Pollachi Main Road, Eachanari Post

Coimbatore-641021

Tamil Nadu, India

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**ABOUT THE KARPAGAM ACADEMY OF
HIGHER EDUCATION**

The Karpagam Academy of Higher Education is located in a sprawling, green, lush campus extending 26 acres. It has emerged from Karpagam Arts & Science College (Autonomous) a unit under the Karpagam Charity Trust established in 1989 founded by the great philanthropist, industrialist and educationist Dr. R. Vasanthakumar with the vision of instilling originality in the learning minds, impart quality and value-based education and engage in Research and Development with the noble objective of creating unique men and women to serve and lead the society.

Karpagam Academy of Higher Education was conferred Deemed to be University status by the Ministry of Human Resource Development in August 2008 under section 3 of the UGC Act 1956. It is a recognised Deemed University by the UGC. It is a member of the Association of Indian Universities. The University has been accredited by the NAAC in 2015. It has been Ranked 90th place by NIRF, MHRD, and Government of India in 2017.

The University has 4 Faculty - Faculty of Arts, Science and Humanities, Faculty of Engineering, Faculty of Architecture and Faculty of Pharmacy. It has 25 Departments offering a wide range of 78 academic programmes from graduation to doctorate levels. The University has more than 5,000 students on campus, with a strong contingent of more than 350 teaching faculty, well supported by an almost equal number of administrative and support staff. Faculty have got good number of research projects with financial support from various funding agencies like DBT / DST / ICMR and have filed more than 45 patents. As many as 1600 Research papers have been published by our faculty in SCOPUS and Peer Reviewed Journals. The University has entered collaboration with foreign Universities, Industries, Research bodies for mutual benefit. The Institute ensures that education epitomizes excellence in every sphere and students are prepared to take on the challenges of the day and become the next generation leaders.

ABOUT THE DEPARTMENT

The Department is running Undergraduate (UG), Postgraduate (PG), M.Phil. and Ph.D. programs. The Department is equipped with sophisticated instruments like UV-Visible spectrometer, IR Spectrometer, Gas Chromatographic analyser, Micro wave oven, etc. The main objective of the department is to impart knowledge among the students in basic areas of Chemistry. Apart from the core courses knowledge about the latest trends in Chemistry including Green Chemistry, Medicinal Chemistry and Nano Chemistry are also included in the regular curriculum. Further the Department provides training to the students in the sophisticated instruments like UV-Visible, IR Spectrometer, Gas Chromatography, Microwave synthesizer, etc. to the Undergraduate and Postgraduate students to fit them to industries and to research organizations like CSIR, DAE, etc.

ABOUT THE CONFERENCE

Research in chemical sciences has gained greater momentum and is blooming with new innovations for the benefit of the society to a greater extent in the recent past. This paradigm shift in chemical research in the last few decades is mainly due to the advent of new methods, novel materials, new techniques, sophisticated analytical instrumentation facilities and so on. This National Conference on Advances in Environmental, Synthetic and Medicinal Chemistry aims to be a forum for scientists, researchers, industrialists from different parts of the country to interact and exchange ideas, information and share knowledge in the diverse field of research.

CALL FOR PAPERS

Abstract of research papers in the following thrust areas are invited for oral / poster presentations. The abstract must be restricted to 150 - 300 words. The name of the presenting author should be underlined and corresponding author indicated by an asterisk. The abstract should be neatly typed in Times New Roman, 12 points with 1.5 line spacing. Two hard copies of the abstract along with the registration form should be sent to the Organizing Secretary and a soft copy of the abstract in MS-WORD format as an email attachment

to mrezhilarasi@gmail.com. The selected participants will be intimated through email.

MAJOR THEMES

- ❖ Synthetic Chemistry
- ❖ Medicinal Chemistry
- ❖ Phytochemistry
- ❖ Novel Drug Discovery & Drug Development
- ❖ Nutraceutical Drug Discovery
- ❖ Computer Aided Drug Design
- ❖ Organometallic Chemistry
- ❖ Environmental Chemistry
- ❖ Nanochemistry
- ❖ Green Chemistry

INVITED SPEAKERS

Dr. A. Illangovan
Professor, School of Chemistry
Bharathidasan University, Tiruchirappalli.

Dr. B. Vidya
Assistant Professor, Dept. of Chemistry
Karunya Institute of Technology and Science
Coimbatore.

Dr. P. Elavarasan
Assistant Professor, Dept. of Chemical Engineering
Annamalai University, Chidambaram.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. R. Vasanthakumar
President and Managing Trustee
Karpagam Educational Institutions
Coimbatore - 641 021

PATRONS

Shri. K. Murugaiah, CEO, KEI
Dr. S. Sudalaimuthu, Vice Chancellor, KAHE
Dr. R. Sundararajan, Registrar, KAHE
Dr. M. Palaniswamy, Dean, FASH, KAHE

CONVENOR

Dr. S. Ravi
Professor and Head
Department of Chemistry
Karpagam Academy of Higher Education
Coimbatore - 641 021

ORGANIZING SECRETARY

Dr. M.R. Ezhilarasi
Assistant Professor
Department of Chemistry
Karpagam Academy of Higher Education
Coimbatore - 641 021

ORGANIZING COMMITTEE

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Dr. A. Thangamani, Assistant Professor
Dr. K. Sundaram, Assistant Professor
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Mr. R. Kumar, Assistant Professor
Dr. M. Gopalakrishnan, Assistant Professor
Dr. G. Ayyannan, Assistant Professor
Dr. K. Sathya, Assistant Professor
Dr. S. Manickasundaram, Assistant professor
Dr. E. Karthikeyan, Assistant Professor

REGISTRATION FEES DETAILS

Research Scholars / Students Academics : Rs. 400/-

Participant from Industries / Faculty members: Rs. 600/-

Note: DD has to be taken in favour of The Registrar,
Karpagam Academy of Higher Education payable at
Coimbatore-21

IMPORTANT DATES

Last date for the submission
of abstracts : **28. 02. 2019**
Notification of acceptance : **05. 03. 2019**
Last date for registration : **05. 03. 2019**

FOR FURTHER DETAILS CONTACT

Organizing Secretary
NCENDDFC-2019
Department of Chemistry
Karpagam Academy of Higher Education
Eachanari (Post), Pollachi Main Road
Coimbatore - 641 021, Tamil Nadu, India
E-mail: mrezhilarasi@gmail.com
Mobile: +91-9865436611, 9677846581

Accommodation for outstation participants should be made
on their own. If requested can be arranged on prior request.

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National Conference on
"Exploring the New Dimension and
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07th & 08th March, 2019

Registration Form

Name:

Designation:

Institution:

Mailing Address:

Pin code:

Telephone:

Mobile:

E-Mail:

I will participate/ present a paper:

* Present a paper (oral / poster) :

Title of the paper:

Author(s):

Registration Fee details:

DD No. :

Date:

Amount :

Bank:

Date :

Signature

Photocopies of registration form can be also be used.



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Coimbatore-641 021, TamilNadu, India.

DEPARTMENT OF CHEMISTRY

Cordially Invites you for the

Two Days National Conference on

*Exploring the New Dimension and Discoveries In
The Field of Chemistry*

On

7th & 8th of March 2019

Dr. S. Sudalaimuthu

Vice Chancellor

Karpagam Academy of Higher Education, Coimbatore

Presides

Dr. A. Illangovan

Professor, School of Chemistry

Bharathidasan University, Tiruchirappalli.

Inaugurates and Delivers Key Note Address

Invited Speakers

Dr. B. Vidhya

Assistant Professor,

Dept. of Nano Sciences and Technology

Karunya Institute of Technology and sciences

Coimbatore

Dr. P. Elavarasan

Assistant Professor

Dept. of Chemical Engineering

Annamalai University

Chidambaram

Date: 07.03.2019

Venue: MSA Hall

Time: 10:00 AM



Programme Schedule

07.03.2019 – Thursday

08.30 AM – 10.00 AM : Registration

10.00 AM – 10.45 AM : Inaugural Session

Welcome Address

Ms. J. Dharani
Research Scholar,
Department of Chemistry
KAHE, Coimbatore

Presidential Address

Dr. S. Sudalaimuthu
Vice Chancellor
KAHE, Coimbatore

Inaugural & Key Note Address

Dr. A. Illangovan
Professor, School of Chemistry
Bharathidasan University,
Tiruchirappalli

Felicitation

Shri. K. Murugaiah
Chief Executive Officer
Karpagam Educational Institutions
Coimbatore

Dr. R. Sundararajan
Registrar, KAHE
Coimbatore

Dr. M. Palaniswamy
Dean, FASH
KAHE, Coimbatore

Vote of Thanks

Ms. N. Nivetha
II M. Sc., Department of chemistry
KAHE, Coimbatore

DEPARTMENT OF CHEMISTRY

A brief Report on the National Conference on “Exploring the New Dimension and discoveries in the field of chemistry” on 7th & 8th March 2019 in Karpagam Academy of Higher Education.

Department of Chemistry has organized a Conference on “Exploring the New Dimension and discoveries in the field of chemistry” on 7th & 8th March 2019. About 146 participants participated in the conference from different Educational Institutions and about 80 oral presentations were made. The programme was conducted in the MBA Hall, Karpagam University (10.00 am. to 5.000 pm.) on both the days. In the inaugural day function Dr.S.Sudalaimuthu, Vice Chancellor, of Karpagam University, presided over the function and Dr. A Illangovan, Professor, School of Chemistry, Bharathidasan University, Tiruchirappalli delivered the Key note address. Dr.S.P. Rajendran briefed about the importance and the theme of the conference.

Pleanary lectures were given in four sessions by the following eminent speakers.

| S.No | Speaker | Session | Lecture topic |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------|
| 1 | Dr. A.Illangovan, Professor, School of Chemistry, Bharathidasan University, Tiruchirappalli | 7-3-2019 (FN) | C-H activation approaches for the synthesis of functionalized quinones |
| 2 | Dr. B.Vidhya, Assistant Professor, Department of Nano Sciences and Technology, Karunya Institute of Technology and Science, Coimbatore | 7-3-2019 (AN) | Influence of phases and morphology of metal oxides and sulphides on its photocatalytic and electrocatalytic activity. |
| 3 | Dr. P. Elavarasan, Assistant Professor, Department of Chemical Engineering, Annamalai University, Chidambaram. | 8-3-2019 (FN) | Ionic liquids catalyzed phase Friedel-Crafts alkylation of phenol |

The Conference abstract book was released by the Chief Guest Dr Dr. A.Illangovan. All the presentation sessions were chaired by the invited speakers.

The following trust areas were covered in the conference are

CONFERENCE THEMES

Synthetic Chemistry
Medicinal Chemistry
Phytochemistry
Novel drug Discovery & Drug Development
Nutraceutical Drug Discovery
Computer Aided Drug Design
Organometallic Chemistry
Environmental Chemistry
Nanochemistry
Green Chemistry

Faculty members, Research Scholars and Students were involved in all the working Committees.

The participants were provided with a Conference proceedings (Abstract book), a Conference kit consists of a file cover, note pad, and pen to facilitate the participants in the programme. Lunch and refreshments were also provided on that day. There was an active interaction between the speakers and the participants.

Head of the Department

Sd/Ran