

REGISTRATION FEE

Category	Before 22.01.2019	Spot Registration
Students & Research scholars	Rs. 350/-	Rs. 450/-
Teachers/ Industry participants	Rs. 700/-	Rs 800/-

- Registration fee includes kit, lunch for two days & participation certificate
- Participants are requested to bring their own laptops.
- Last date for Registrations is 22nd January, 2019
- The Registration will be on ‘First Come First Serve’ basis.
- Intake of participants are limited to 75.
- Spot registrations are done based on vacancy.

ADVISORY COMMITTEE:

1. Prof. K. Muthyam Reddy, Secretary, HMVS
2. Prof.G. Sudershan Reddy, Secretary Cum Correspondent, RBVRR Women’s College
3. Dr.K. Sarada, Principal, RBVRR Women’s College
4. Dr.J. Achyutha Devi, Vice Principal, RBVRR Women’s College

ORGANIZING COMMITTEE:

- Dr. V. Jeevana Jyothi, Head, Dept. of Chemistry
 Mrs. K.Swapna Mrs. G.Vijayalaxmi
 Dr. B.Anupama Mrs. K.Krishnaveni
 Ms. M. Pallavi Ms. B.Suchitha
 Dr. P. Jhansi Lakshmi Ms.K.Prasanna
 Ms.D.Sravanthi Ms. Rekha Rani
 Mrs.K.Radha Rani Ms. G.Priyadarshini
 Dr.K.Pallavi Ms. A.Shravya
 Mrs.B. Madhavi Latha Ms.S.Jyothi

EXPERTISE TEAM:

1. Dr. Uppula Purushotham,
Director, Qstatix Pvt. Ltd, Hyderabad
2. Dr. Karunakar Tanneeru,
Director, Qstatix Pvt. Ltd, Hyderabad.

PROGRAMME SCHEDULE:

DAY-1 SCHEDULE	
9:00AM-10:00AM	Registration
Session-1: 10:00 AM -11:00AM	Inaugural session <i>Chief Guest for Inauguration</i> Dr.G. Narahari Sastry Chief Scientist CSIR-ICT, Hyderabad
11:00AM-11:15AM	Tea break
Session-2: 11:15AM to 1:15PM	Lecture sessions
11:15AM-12:15PM	Invited Lecture - 1 Dr.G. Narahari Sastry Chief Scientist CSIR-ICT, Hyderabad
12:15PM-1:15PM	Invited Lecture - 2 Prof.M.Vijulatha Dept. of Chemistry University College of Science, Osmania University
1:15PM – 2:00PM	Lunch Break
Session-3 : 2:00 PM to 5:15 PM	Session on Chem Sketch
2:00PM -2:45PM	Lecture - 3 Introduction to Chem Sketch
2:45PM-5:15PM	Drawing and Property prediction of small molecules
DAY-2 SCHEDULE	
Session-1: 9:45AM-11:45AM	Lecture sessions
9:45AM-10:45AM	Lecture - 4 Introduction to Molecular Docking
10:45AM -11:45AM	Lecture - 5 Overview on Auto dock and MGL tools
11:45AM-12:00 NOON	Tea Break
Session-2: 12:00 Noon to 1:30PM	Hands-on Training
12:00 NOON -1:30PM	Molecular Docking Applications-I
1:30PM– 2:30PM	Lunch Break
Session- 3: 2:30PM to 5:00PM	Hands-on Training
2:30PM-4:00PM	Molecular Docking Applications-II
4:00PM-5:00PM	Valedictory Function and Certificate distribution

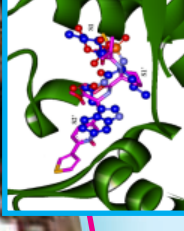
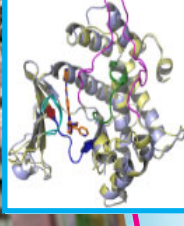
Two Day Workshop on

“MOLECULAR DOCKING - APPLICATIONS IN DRUG DISCOVERY”

on January 24th & 25th, 2019

Venue:

COLLEGE AUDITORIUM



Organized by:

DEPARTMENT OF CHEMISTRY

R.B.V.R WOMEN'S COLLEGE (Autonomous)

(Affiliated to Osmania University)

Accredited by NAAC with B++ Grade

College with Potential for Excellence (Selected By UGC)

Narayanaguda, Hyderabad-500 027, Telangana.

Phone No: 040-27564660, 040-27564296

website address: www.rbvrrwomenscollege.net

Email: rbvrrwccchemistry@gmail.com

In Collaboration with Qstatix Pvt. Ltd, Hyderabad



ABOUT THE WORKSHOP

Molecular modelling by using computational approach is one of the impeccable tools in understanding basic chemistry applications. This workshop is mainly intended to introduce the participants about computational applications in chemistry using molecular modelling to obtain a new approach in drug design processes. Drawing and visualizing three dimensional structure of molecules and calculating their physico-chemical properties and calculations are the most valuable information for the pre-experimental work. The present workshop will provide a basic platform to the research scholars, faculty and postgraduate students to attain an immense knowledge in the field of drug discovery using computational molecular modelling which is growing leaps and bounds.

THE CONTENTS/TOPICS TO BE DEALT IN 2 DAY WORKSHOP:

The scientific program of this workshop intends to provide insights into the following topics.

- ✓ Introduction to Molecular Modelling.
- ✓ Sketching of Chemical Molecules.
- ✓ Molecular Property Predictions.
- ✓ Molecule Databases.
- ✓ Hands on session on Molecule Sketching.
- ✓ Protein Databases.
- ✓ Introduction to Molecular Docking.
- ✓ Working with MGL Tools
- ✓ Molecular docking with Autodock
- ✓ Visualizations & Docking Analysis.
- ✓ Hands on session on Molecular Docking.

ABOUT THE COLLEGE

The College was established in the year 1954 by Hyderabad Mahila Vidhya Sangham, a society registered under Societies act. The main aim of starting the college was to encourage girls from economically backward Telangana districts to pursue higher studies and has a sprawling complex with multi-storied buildings for every faculty of study. Presently, the college offers 4 programmes with 17 courses at Undergraduate and 4 programmes at Postgraduate level. The excellent hostel facilities to help the poor students who are pursuing college

education from the nearby districts is provided. The college has the unique honor of having His Excellency, The President of India, **Dr.A.P.J Abdul Kalam** as the Chief Guest for the Golden Jubilee Celebrations in August 2005. The College was granted Autonomous status for U.G. courses in 1989 and for P.G. Courses in 2011 by U.G.C. The College celebrated the valedictory of Diamond Jubilee recently and His Excellency, The Governor of Maharashtra, Shri. C. Vidyasagar Rao was the Chief Guest. The College is graded with 'B++' in the fourth cycle of NAAC accreditation in 2018.

ABOUT THE DEPARTMENT:

The Department of Chemistry was established in the year 1954. Over the years, it has been the mainstay of the college with substantial student strength of the college pursuing chemistry as one of the subjects. The college is offering chemistry for the courses BZC, MPC, MZC, MBC, FNBC, BtCFs and M.Sc(Organic Chemistry). From spirit lamp studies to modern-day laboratory equipment, the Department has made steady and giant strides in the last 60 years. The Department has ten Chemistry Laboratories with its equipment collected over a period of 60 years including all the modern-day apparatus, glassware and a well equipped Centralized Instrumentation Research Laboratory with sophisticated equipments of UV spectrophotometer, FTIR Spectrophotometer, Fluorescence Spectrophotometer. The subject **Forensic Science** is introduced at Undergraduate level from the academic year 2014-2015 and two certificate courses "Cyber Forensics" and "Food Safety and Toxicology" were introduced in the academic year 2015-2016. The Department has a committed and dedicated faculty who are untiringly working for the cause of promoting 'Chemistry' as a science study. The Department conducts seminars and workshops regularly. A Two day UGC sponsored National Seminar on "New Aspects of Heterocycle Chemistry in MedChem and Chemical Biology" on February 19th & 20th, 2015 was conducted by the Department. The Department also conducted a One day Seminar on "Drugs of abuse & Youth" on 26th June, 2015 and A Two day UGC sponsored Workshop for Chemistry Teachers conducted on February 14th & 15th, 2017. Workshops on Ethical hacking, Finger prints & Cyber Security were also conducted during the academic years 2017-2018.

REGISTRATION FORM

Two Day Workshop
on

**"MOLECULAR DOCKING - APPLICATIONS
IN
DRUG DISCOVERY"**

January 24th & 25th, 2019

Name: Dr/Mr/Mrs

Designation :

College / Organization:

E-mail:.....

Mobile No:

Details of payment :

Amount in Rs./-.....

Category : (Tick)

Faculty Research Scholar Student

Date:

Signature

Contact Details:

Dr. V. JEEVANA JYOTHI

Head, Department of Chemistry

R.B.V.R. Women's College

Email address: rbvrrwcchemistry@gmail.com

Mobile Number: 8121498096