

GUEST LECTURE REPORT

Topic: Photoelectron Spectroscopy

Date: 8/8/2022

Guest Speaker: Prof .M. Vittal, Dept of Chemistry OUSC



Welcome to

Guest Lecture on PHOTO ELECTRON SPECTROSCOPY

08-08-2022 at 10.30 a.m.

Venue : S.V. Hall

Guest Speaker

PROF. C. VITTAL

Dept. of Chemistry Osmania University

Organised by

Department of Chemistry (PG) & IQAC
KESHAV MEMORIAL INSTITUTE OF COMMERCE AND SCIENCES

(Affiliated to Osmania University) - (A unit of Keshav Memorial Educational Society)

Narayanaguda, Hyderabad - 500 029.

Dr. K. Someshwer Rao
Principal, KMICS

Dr. A.V. Subrahmanyam
Secretary, KMES



Guest speaker along with the faculty gathered to Honor Koratkar Statue



Tulsi Sapling presentation to the Guest



Tulsi Sapling presentation to the HOD



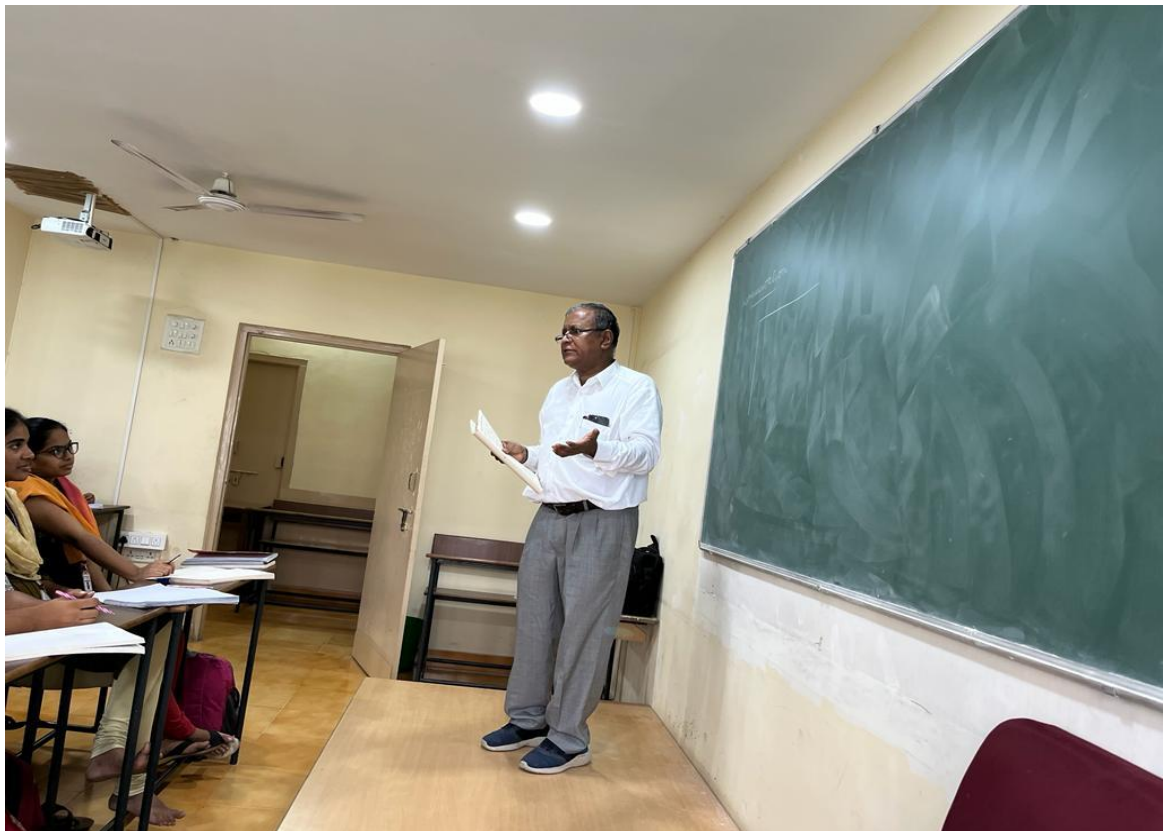
Guest Introduction



Students in the Lecture Hall



P.Shravanthi HOD addressing the Students



Guest Speaker presenting the Lecture



Guest Speakers interacting with the students



Students keenly following Guest Speakers Lecture



Student presenting Guest Introduction



All Faculty of the Chemistry Dept along with the Guest Speaker

Outcomes:

Guest Speaker explained about the topic Photoelectron Spectroscopy. Students could clearly understand the difference between Electron and Electronic Spectroscopy techniques. Sir also elaborately explained the difference between UV-PES and X-PES Spectroscopies

Students understood the characteristic features of photoelectron spectroscopy, Sir explained about Auger electron spectroscopy, instrumentation of Photoelectron spectroscopy, chemical shifts for some elements and explained how chemical shift values vary for some elements, students understood Koopmans theorem.

Program Name: FORENSIC ALCHEMY 2022, Exhibits, Poster Display and Skits

Venue: RBVVR Women's College

Date: 5 Nov 2022

R.B.V.R.R WOMEN'S COLLEGE
(AUTONOMOUS) AFFILIATED TO OSMANIA UNIVERSITY
Narayanguda, Hyderabad, TS-500027

DEPT. OF CHEMISTRY AND FORENSIC SCIENCE
CORDIALLY INVITES YOU TO

**FORENSIC
ALCHEMY-2022**

— FORENSIC SCIENCE AND CHEMISTRY FEST —
DATE — 05.11.22 TIME — 10:00AM — 4:00PM
VENUE: RBVRR WOMEN'S COLLEGE, NARAYANGUDA, HYD

EVENTS INCLUDE:
FUN GAMES
EXHIBITS & POSTER DISPLAY
SKITS
SIMULATED CRIME SCENE
SCARY PERFORMANCE

COME JOIN US FOR AN UNFORGETTABLE EXPERIENCE
OF FOOD AND FUN !!!

ENTRY FEE: 30/-
(SPOT REGISTRATION AVAILABLE)

FOR FURTHER DETAILS CONTACT :
9701298090 / 9553770902

CRIME SCENE DO NOT CROSS

The poster features a dark background with a grid pattern. On the left, there is a chemical structure diagram. In the center, a person in a white lab coat is kneeling and examining a crime scene. On the right, a woman in a white lab coat is holding a beaker. At the bottom, there is a yellow and black striped banner with the text 'CRIME SCENE DO NOT CROSS'.

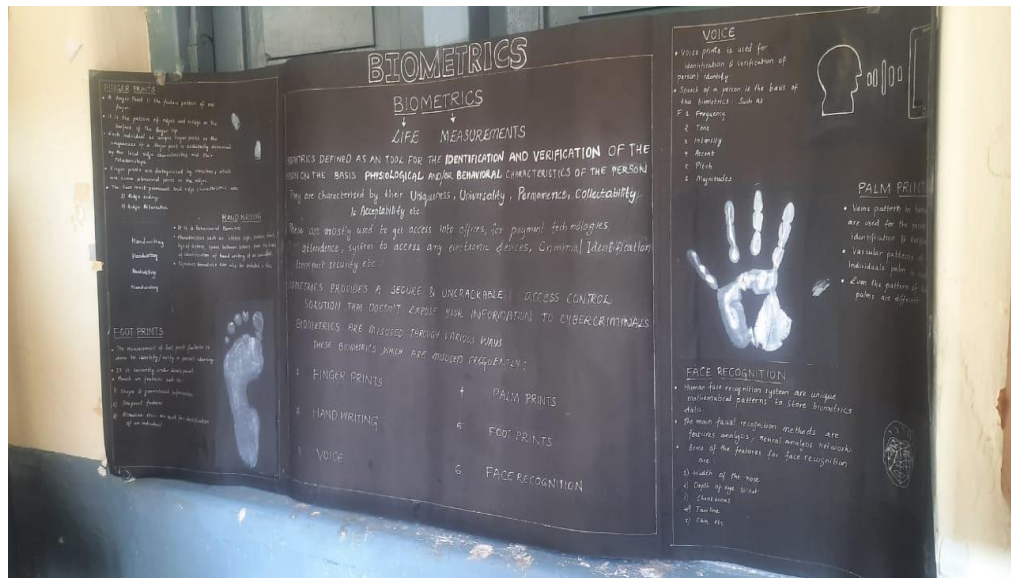


Faculty along with students





Students visiting at the exhibits



Exhibits

Report

The fest is on the subject's forensic science and chemistry which was held on 5th November, in RBVRR Women's college, Narayanaguda. Where the exhibits were shown clearly in forensics and there are enormous mind games related to crime and everything. Instead of just focusing on the study, there are other activities and students socialized as much as possible in the college. As all these things helped them in gaining knowing and also understand the depth of the subjects. Photo booths, food stalls and Handicrafts

consist of various categories like **woodcraft, paper craft, pottery and glass crafts, jewelry and many more**. All the students had a good satisfactory time in the fest.

SEMINAR

Topic: "One Day Seminar on Advancement of Chemical Sciences"

Venue: RBVRR Women's College

Date: 10 Nov 2022



954

RSC LOCAL SECTION
DECCAN

**ONE DAY SEMINAR ON ADVANCEMENT OF
CHEMICAL SCIENCES"**
On 10th November 2022
Jointly Organizing by
RBVRR WOMEN'S COLLEGE, HYDERABAD
&
ROYAL SOCIETY OF CHEMISTRY, LONDON (UK)-
LOCAL SECTION DECCAN, INDIA

Venue: College Auditorium
DEPARTMENT OF CHEMISTRY & FORENSIC SCIENCE
R.B.V.R.R WOMEN'S COLLEGE (Autonomous)
Narayanaguda, Hyderabad, Telangana.
Phone No: 040-27564660, 040-27564296
Email Id: rbvrrwc.chemistry.events2022@gmail.com



Outcomes

The seminar program was conducted on "Advancement of Chemical Sciences" which held on 10th November 2022 by the Department of Chemistry & Forensic science, RBVRR Women's College, Narayanaguda.

In the "The Growing importance of chiral drugs" are interlinked with pharmacology. Drugs that resulted in severe birth defects in thousands of children that lead to malformation cases on the usage of drugs in rural areas of the world that lack extensive medical surveillance initiatives.

In "Preparation and properties of Nano composite Films & Fabrics Using Indian Traditional Materials" Specifically, Students came to know that Nano composites have caused significant breakthroughs in the field of sensing technology. In this regard, polymer-based Nano composites have been successfully employed for sensor formation and have been used widely.

In "Retro synthesis" session students came to know the planning of organic synthesis by transforming the structure of the desired molecule to simple commercially available starting materials for its synthesis.

In "NMR & its applications" which was specific enough to give a clear sense on determining the structure of organic compounds; structural information from the vibrations of the molecules in their natural environment.

Visit to IICT SAMYUKTH 2K22

**CSIR-INDIAN INSTITUTE OF CHEMICAL
TECHNOLOGY, TARNAKA**

Date: 01/12/2022



Students and Staff visiting IICT



Gist on Samyukth 2k22

Research expo SAMYUKTH 2K22 which was actually student fest that was conducted on Dec 1st, In CSIR-INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, TARNAKA. The fest mainly approached with chemistry, biology and chemical engineering which were well-kept at one platform. Basic and applied research on recent studies were excellently demonstrated by the research scholars. The exhibits which are showcased are very much complicated but the researchers explained us in detail upon their study followed by the lab visit and students came to know what the goal of their research is and know how to use the equipment on a day-to-day level.

Work Shop on “Training program on Academia to Industry”

Date: 15/12/2022 to 17/12/2022

Venue: Ambedkar College, Baghlingampally

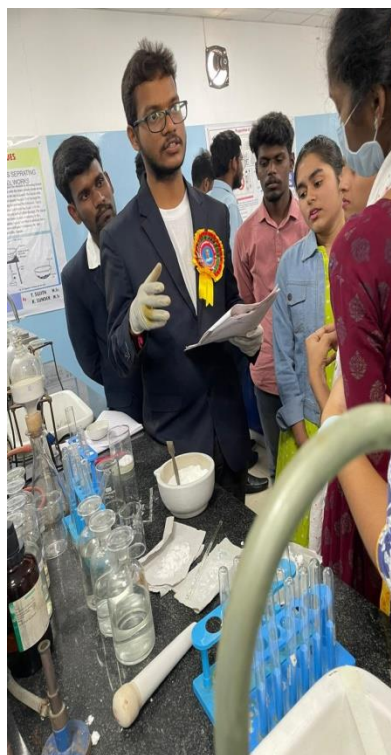
No of Students Attended: 42



Students and Faculty at the training program



Students understanding the Demonstration



Report

Three days Hands on Training Program on Academia to Industry was organized by Dr. B.R. Ambedkar College, Baghlingampally, Hyderabad, for students from 15 to 17 Dec 2022, during the programme the candidate was imparted training on Chromatography Techniques, methods of Preparation of Laboratory Solutions, Separation of Organic Compounds, and other Laboratory Techniques used in Pharmaceutical Industries. Students have learned the techniques and had experienced hand on training and practical approach

PG Induction program and OU Rankers Felicitation Report

Date: 25/2/2023

Guest: Dr Rajender Rao Scientist NIN



Dr Rajender Rao Scientist NIN as Chief Guest



Lamp lighting ceremony



ISO Certification Head explaining about importance of certification



OU Rankers of 2020-22 outgoing batch are awarded with memento



Guest Dr Rajender Rao addressing the gathering on account of PG Induction Day



ISO certificate Presentation



Management, Principal and Faculty with OU Rankers



PG Chemistry Dept Staff with OU Rankers



Guest Introduction



All PG Faculty, Principal and Management with OU Rank Holders



All Staff members and Students having Lunch along with OU Rankers

Report:

PG Induction program was conducted on February 25/2023 and OU Top rankers Felicitation was also done on the same day. DR.Rajendar Rao Scientist from NIN was invited as Guest speaker, principal, Director, PG faculty, I yr. PG students, and Management members were all present at the occasion. ISO certificate presentation to the college was done by ISO certification agency head Sri Shivaiah Garu. OU rankers were felicitated with Shawl and memento, later on the Guest addressed the gathering, he gave motivation to all students to study well and perform their best in the Exams, he also gave tips on health and fitness for all students and staff, the program was concluded by guest felicitation, national anthem, followed by lunch.

FIELD TRIP

Date: 12/05/2022

Place: Biological E. Ltd, Koltur, Shameerper

No of Students participated: 56



Staff along with students



Students at Biological E. Ltd



Students along with the staff participated in the field trip

Field Trip Report

The production unit staff has demonstrated how drug enoxaparin sodium can be synthesized using different reactors. They have explained that the drug can be produced in three different stages by using various chemicals and solvents and finally separation will be done by filtration, centrifugation and drying of the wet material and finally the drug is dissolved in methanol and used for final analysis by using instrumental techniques. Biological E. Ltd unit staff clearly explained and demonstrated the complete production unit and how drugs are manufactured by using various procedures to all the students. Students also had a clear understanding regarding the production which correlates to their academic knowledge of synthesis or production of drugs. The trip was very useful to all the students as it has provided a real practical experience to see a real drug production in big Pharma labs.