

# B.V.RAJU COLLEGE

VISHNUPUR:: BHIMAVARAM

## Department of Chemistry (UG)

### UNIQUE INITIATIVES

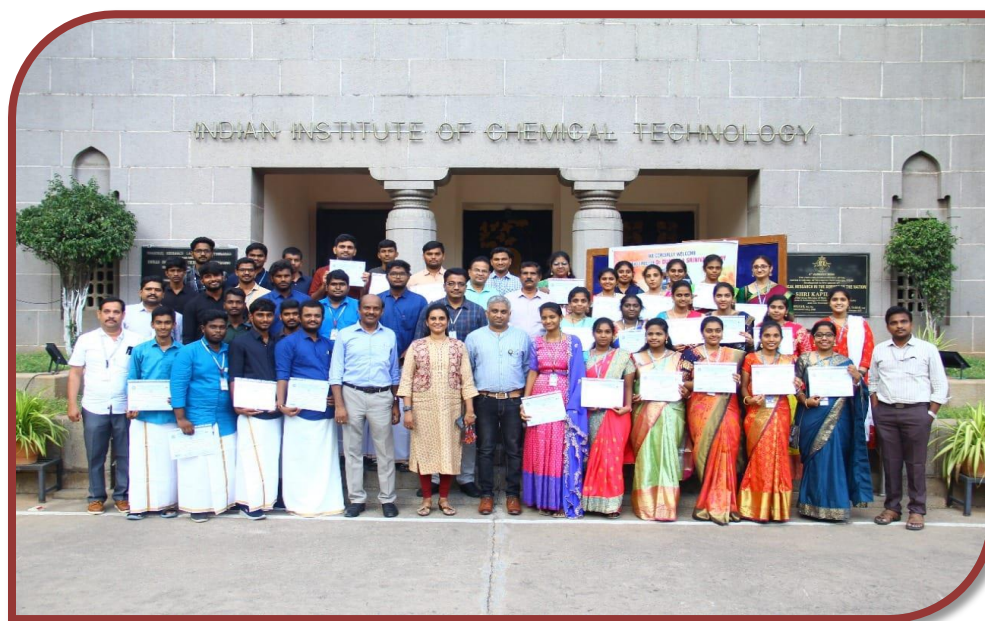
- MOU with IICT.
- FILED VISITS.
- C-HUB ACTIVITIES.

#### MOU with IICT-HYD

Under CSIR-Integrated Skill Initiative Program, a Certificate Course on Basic Cheminformatics & Bioinformatics for B.Sc & B.Pharm students is being offered Under SKILL DEVELOPMENT Training at CSIR-Indian Institute of Chemical Technology (IICT)-HYD.

Cheminformatics is a rapidly evolving science that drives Chemical Science Research and addresses key issues in chemistry using the power of Computation. Basic Cheminformatics Training covers 30 Hrs of (10 Days) theoretical & practical aspects related to computational modeling of compounds, properties, activities and chemical reactions. Students will be introduced to chemical databases, open source software applications and data mining during the course.

Around 32 students from B.Sc (MPC & Life Sciences) and M.Sc Chemistry are attended and taken a certificate Training Program "Cheminformatics & Bioinformatics", conducted by IICT-Hyd, Under CSIR Integrated Skill Initiative Program. It was a ten days program, implemented from 30-May-2022 to 10-June-2022....







## FIELD VISITS

# SCIENCE TECHNOLOGY & INNOVATION HUB VISIT ON 02.08.2022

INDUSTRIAL VISIT	SCIENCE TECHNOLOGY & INNOVATION HUB
Name of the Felicitator	Dr. HANUMANTHA RAO etal
Date	2 <sup>nd</sup> AUGUST,2022
Time	10:00 am to 1:00 pm
Duration	3 hours
Venue	SCIENCE TECHNOLOGY & INNOVATION HUB DIRUSUMARRU
Conducted by	Department of UG CHEMISTRY, B V RAJU College
Event Coordinator	V.SWAMY SABHARINADH, C.S.P.SWAPNA
Feedback collected	YES

## INVENTIONS OBSERVED THERE

On 2<sup>nd</sup> august 2022 we Department of Chemistry (UG) organized an industrial visit to science technology & innovation hub the following inventions we observed there.

- Extraction of VCO & preparation of herbal soap
- Preparation of charcoal from coconut shell
- Preparation of coconut shell powder
- Extraction of coconut oil for soap making
- Health monitoring system through AI/ ML TECHNIQUES
- Copra production using solar tunnel drier
- Rope making from coconut fiber
- Preparation of tender coconut water
- Preparation of coconut vinegar



### **C-HUB Activities (GO GREEN PROJECTS)**

Department of UG chemistry was Organised Go Green Project competition on 29<sup>th</sup>.03.2022. For this program 14 Batches of aspirants participated with their exhibits. Most of the exhibits related to Biodegradable alternative plastics, Edible alternative plastics, Reuse and Reducible plastics. Dr N.Prudhvi raju and Sri R.L.Satyanarayana belong to PG Chemistry, Mrs. K.Neelima, belongs to English Department acting as Judges. With their judgement, LIGHTING LAMP WITH RECYCLED PAPER, made by 1<sup>st</sup> MPC students (P.Charan, S.Rishith Om, G.Vivek) stood in First position, REDUCE, REUSE AND RECYCLE OF PLASTICS, made by 1<sup>st</sup> MSCs students (S.Tarak, K.Siddardha, M.Indra kumar) stood in Second position, REUSE OF POLYTHENE WATER PACKETS, made by 1<sup>st</sup> MSCs students (P.Krishna Mohan, U.Manoj Chand) stood in Third position.

In this regard, B.V.RAJU college Principal Dr I.R.K.Raju, Vice-principal Sri Ch.S.V.Satyanarayana, Visited to program platform and deeply observed all the 14 exhibits, appreciated and congratulated all the Participants.

