

B.V.RAJU COLLEGE

Vishnupur, bhimavaram

DEPARTMENT OF M.Sc. CHEMISTRY

CERTIFICATION COURSE ON BASIC CHEMINFORMATICS

(UNDER CSIR INTEGRATED SKILL INITIATIVE)

IICT - 2019 -2020

Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/ teachers participat ed under MoUs
IICT, HYDERABAD	02/01/2019	3 years	Cheminformatics course under which the students learned about the molecular modeling using different softwares, docking etc.,	7

CSIR-IICT (COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH) Hyderabad is conducting a certificate course for Degree and M.Sc. students on basic cheminformatics. The name of the course is “CERTIFICATION COURSE ON BASIC CHEMINFORMATICS”. This course is initiated by CSIR under CSIR Integrated Skill Initiative.

On October 22nd, 2018 CSIR IICT invited applications for Certificate Course on Basic Cheminformatics Under CSIR Integrated Skill Initiative. This course is intended for B.Sc., B.Pharmacy and M.Sc. students.

About the course:

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 hours of (10 Days) theoretical and 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 mining during the course.

The course outlines:

Theory: Basic understanding of Chemical Space, Chemical properties, chemical reactions and chemical databases

Practical: Manipulation of chemical structure, chemical reactions, chemical activity prediction of drug likeliness and chemical properties, chemical structure and sub structure search.

Course outcomes:

At the end of the course, a student will be able to

- Investigate chemicals and materials that are not practical for laboratory analysis.
- Model individual molecules or behaviours of chemical compounds within the natural world
- Work with databases to catalog, categorize, organize and search the structures of chemicals
- Complement laboratory experimentation with computational chemistry
- Develop information-storage solutions at the molecular level.

Intake of candidates: Maximum intake of the candidates is 30. Course Fee: Rs.10,000/-(Rupees Ten Thousand Only) + GST (18%) as applicable. Fee paid once, will not be refunded under any circumstances, The course fee does not include the hostel accommodation.

Certification: A certificate will be issued by CSIR-IICT, Hyderabad after successful completion of the course.

Selection Process:

The candidate selection will be based GOI rules. The short-listed applicants will be called for an interview (No TA/DA will be paid). Prospective students for the Basic Cheminformatics Training will be expected to be enrolled in or completed a Bachelor's degree Chemistry/ Pharmacy or Biological Sciences. A basic background in computer and internet is desirable. Out station students will be provided accommodation at CSIR-IICT on prior request and chargeable basis.

How to apply: The online application form is available on CSIR-IICT website (www.iictindia.org). For more details please contact at sdp@iict.res.in

MOU



తెలంగాణ తెలంగాణ TELANGANA

S.No. 3277 Dt. 24/05/18 Rs. 100

Sold to B. V. Raju College

Stamp No. R. Y. Madhavaiah

For whom Director IIST HYD

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MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING IS DATED 2nd MONTH 1st DAY OF 2019

AND MADE BETWEEN:

1. The B V Raju College, Vishnupur, Bhimavaram – 534202 affiliated to Adikavi Nannaya University, Rajamahendravaram.
2. The CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Uppal Road, Tarnaka, Hyderabad- 500 007, India, a constituent unit of the Council of Scientific and Industrial Research, a Society registered under Societies Registration Act (XXI of 1860), having its registered Office at Anusandhan Bhavan, Rafi Marg, New Delhi 110 001.

Henry
PRINCIPAL
B.V. RAJU COLLEGE
VISHNUPUR, BHIMAVARAM-534 202

Shailaja
Dr. D. SHAILAJA
Senior Principal Scientist & Head
Business Development & Research Management
సాంకేతికత-భారతీయ సమాహేతిక ప్రాధానికత సంస్థ
CSIR-Indian Institute of Chemical Technology
(Ministry of Science and Technology, Govt. of India)
Tarnaka, Hyderabad-500 007, Telangana State, INDIA

1.0 Introduction:

1.1. B V Raju College and CSIR-IICT agree to enter into an MOU Under "Skill Initiative Program" of CSIR-IICT.

1.2. This Memorandum of Understanding ("MOU") sets out below the principles by which the BVRC and CSIR-IICT can establish a formal agreement regarding such activity.

2.0 Principles

2.1 The activities covered by this MOU will centre on the following:

- i. CSIR-IICT will impart Basic Cheminformatics Certificate Course training to BVRC students.
- ii. The intake of students is 25-30 per batch size
- iii. The program is designed for 10 working days. The training will include basic undergraduate level Cheminformatics theory & practicals monitored by CSIR-IICT Scientists & staff.
- iv. CSIR-IICT will provide facilities to students for class room teaching and computer systems for practical sessions.
- v. BVRC will share the employment details of the students after their course completion to CSIR-IICT.

3.0 FINANCIAL RESOURCES AND PERSONNEL

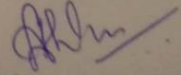
3.1 BVRC Would pay Rs.10000/- (Rupees Ten Thousand only) per each student including GST to CSIR-IICT towards Basic Cheminformatics Certificate Course as a part of Skill Enhancement Course (SEC).

3.2. Any activity carried out within the broad framework of this MOU shall be the subject to the mutual consent of parties, taking into account any constraints of time, funding and other relevant resources.

4.0. Separate Agreements

In addition, it is envisaged that each activity, that the parties wish to pursue in accordance with the purpose of this MOU will be governed by terms and conditions to be separately negotiated and mutually agreed upon by the parties through the signing of one more subsidiary agreements.


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Senior Principal Scientist & Head
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సంస్కార/సా-సాంఘిక సాంఘిక విభాగం
CSIR-Indian Institute of Chemical Technology
(Ministry of Science and Technology, Govt. of India)
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
5.0. Renewal Amendment and Termination:

- 5.1. This MOU shall be effective for an initial period of 3 years from this date. Thereafter, this MOU may be extended for any other period of time as deemed appropriate by both parties, subject to their mutual consent any such extension to be made in writing.
- 5.2. Either party may amend or vary this MOU at any time provided it is with the prior written consent of both parties.
- 5.3. Either party may terminate this MOU at any time by giving six month's notice to the other party in writing.

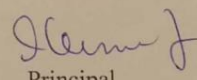
6.0. General


- 6.1. The parties to this MOU shall not be deemed to be in breach of this understanding or otherwise liable to any other party in any manner whatsoever for any failure or delay in performing or initiating the activities proposed in this MOU.
- 6.2. This MOU records the understanding between the parties and is not intended to be a legally binding document and shall not be enforceable in any court of law.

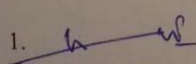
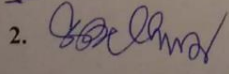
In witness whereof, the parties hereto have signed this MOU on the day, month and year mentioned herein before.

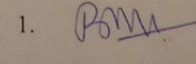
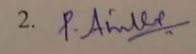

Director
CSIR-IICT
Tarnaka – Uppal Road,
Hyderabad – 500 007, TS

डॉ. डी. शैलजा
Dr. D. SHAILAJA
Senior Principal Scientist & Head
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सोएसआईआर-भारतीय रासायनिक प्रौद्योगिकी संस्थान
CSIR-Indian Institute of Chemical Technology
(Ministry of Science and Technology, Govt. of India)
Tarnaka, Hyderabad-500 007, Telangana


Principal
B V Raju College
Vishnupur,
Bhimavaram – 534202, AP

Seal : 

Witness :
1.  CHAVVA SAIJANARAYANA
2.  RAMARAJU ANAVEM

1.  D.R. Chinna Raju
2.  P. ANIL KUMAR

B.V.RAJU COLLEGE
Vishnupur, bhimavaram
DEPARTMENT OF M.Sc. CHEMISTRY
IICT 2019 - 2020

Seven of our M.Sc. students attended the certificate course "cheminformatics" from IICT, Hyderabad and learned hands on expertise on molecular modeling.

S.No.	REGD., NO	NAME OF THE STUDENT	YEAR & BRANCH
1	1985333001	A.V.V.D. KISHORE	I M.Sc. Organic chemistry
2	1985333024	S. CHANDU VARDHAN	I M.Sc. Organic chemistry
3	1985333028	S. JAYA PRAKASH	I M.Sc. Organic chemistry
4	1985333030	SK. VAHI	I M.Sc. Organic chemistry
5	1985322004	A. VASANTH	I M.Sc. Analytical chemistry
6	1985322008	B. CHANDHU RAMYA	I M.Sc. Analytical chemistry
7	1985322022	P. SRAVANA LAKSHMI	I M.Sc. Analytical chemistry

B.V.RAJU COLLEGE
Vishnupur, bhimavaram
DEPARTMENT OF M.Sc. CHEMISTRY
IICT - 2019 -2020

 **सीएसआईआर - भारतीय रासायनिक प्रौद्योगिकी संस्थान**
CSIR-Indian Institute of Chemical Technology
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद / Council of Scientific & Industrial Research)
हैदराबाद / Hyderabad - 500007, तेलंगाना / Telangana



समाप्ति का प्रमाणपत्र / Certificate of Completion

This is to certify that Mr/Ms..... *Penumatsa Sravana Laxmi*
S/o D/o..... *P.V.S.S.N. Raju*.....has successfully completed
Skill Development Training Course on **Basic Cheminformatics** as a part of
CSIR-Integrated Skill Initiative from 16-12-2019 to 27-12-2019 conducted at CSIR-IICT.

 पाठ्यक्रम प्रभारी
Course In-charge

 समन्वयकता
Co-ordinator

 अध्यक्ष / Chairman
मानव संसाधन विकास/ Human Resource Development

 **सीएसआईआर - भारतीय रासायनिक प्रौद्योगिकी संस्थान**
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हैदराबाद / Hyderabad - 500007, तेलंगाना / Telangana



समाप्ति का प्रमाणपत्र / Certificate of Completion

This is to certify that Mr/Ms..... *Pechhetti Chandu Vardhan*
S/o D/o..... *P. Venkateswara Rao*.....has successfully completed
Skill Development Training Course on **Basic Cheminformatics** as a part of
CSIR-Integrated Skill Initiative from 16-12-2019 to 27-12-2019 conducted at CSIR-IICT.

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Co-ordinator

 अध्यक्ष / Chairman
मानव संसाधन विकास/ Human Resource Development

B. V. RAJU COLLEGE
Department of M.Sc Chemistry

IICT VISIT-2019 - 20

16-12-2019 to 27-12-2019



HOD

Head of the Department
Dept. of M.Sc. Org. Chemistry
B.V.R.C. Bhimavaram - 2

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