

OFFICE OF THE PRINCIPAL

☎ : 0374 - 2338340
(M) : 9954456991



TINSUKIA - 786 125 (ASSAM)

Established : 1956

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Website: www.tinsukiacollege.in

E-mail: tinsukiacollege1956@gmail.com

principaltinsukiacollege@rediffmail.com

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A Report on Computing Skill Programme on Basic software applications in Chemistry

A five day computing skill programme on Basic software applications in Chemistry was organized for B.Sc Chemistry (Honours) students of Tinsukia College from 13.12.2021 to 17.12.2021. The programme was inaugurated by Dr. Surjya Chutia, Principal, Tinsukia College. Prof. Rajen Saikia, Coordinator, IQAC, Tinsukia College, Ms. Monika Devi, Head, Department of Chemistry and all the other faculty members of the department were present in the inaugural function. Dr. Pallavi Gogoi, Assistant Professor, Department of Chemistry, Tinsukia College was the coordinator of the programme. Dr. Manash Jyoti Konwar, Department of Chemistry, Dibru College, Dibrugarh and Mr. Rupkamal Chetia, Department of Chemistry, Dibrugarh University was the resource persons for the programme. The broad topics which were taught to the students were ChemDraw Ultra Software, Origin Pro Software, MS Excel etc. On the very first day, students were taught to download and installation of softwares. With the help of ChemDraw software applications, hand on sessions for students were conducted to draw the structures using various tools, reaction schemes of chemistry, three dimensional structure drawing in stereochemistry, prediction of ¹H and ¹³C NMR spectra of compounds, use of templates and bio-arts to draw a reaction, assigning of different colours to specify different atoms, assigning of stereochemistry to the structures, conversion of any chemical structures to name or conversion of any name of chemical compound to structures. Similarly, first half of the session was the learning through using computers and in the next session, were hands on training. Further, with the help of Origin Pro software, students were able to learn plotting and labelling of graphs, updating legends, data analysis in chemistry. Total 17 students participated in the programme. The programme was ended with a valedictory session.

(Dr. Surjya Chutia)

Principal

Tinsukia College

Tinsukia
Principal

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Dr. Surjya Chutia, Principal, Tinsukia College and Ms. Monika Devi, Head, Department of Chemistry, Tinsukia College sitting on the dias on the inaugural day. Dr. Pallavi Gogoi, Programme Coordinator and Assistant Professor, Department of Chemistry, Tinsukia College giving the introductory speech (13.12.2021)



**Dr. Surjya Chutia, Principal, Tinsukia College delivering the introductory speech
(13.12.2021)**



Felicitation of Principal, Tinsukia College (13.12.2021)



**Felicitation of Ms. Monika Devi, Head, Department of Chemistry, Tinsukia College
(13.12.2021)**



Felicitations of Mr. Rupkamal Chetia, Resource Person by student of Department of Chemistry (13.12.2021)



Dr. Biplab Banik, Assistant Professor, Department of Chemistry, Tinsukia College giving the introduction of the Resource Person (13.12.2021)



**Prof. Rajen Saikia, Coordinator, IQAC, Tinsukia College delivering the speech
(13.12.2021)**



**Teachers and students attending the programme on inaugural day
(13.12.2021)**



Students attending the programme (13.12.2021)



Tinsukia, Assam, India
F9X8+33R, Kachujan, Tinsukia, Assam 786125, India
Lat 27.497959°
Long 95.365094°
13/12/21 10:36 AM

Students attending the programme (13.12.2021)



Group Photograph with Dr. Manash Jyoti Konwar, Resource Person, Assistant Professor, Department of Chemistry, Dibru College, Dibrugarh (15.12.2021)



Dr. Manash Jyoti Konwar, Resource Person delivering the lecture