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DP 290190

MEMORANDUM OF UNDERSTANDING ON ACADEMIC COOPERATION

Between

GOVERNMENT COLLEGE KOTTAYAM

and

DEPARTMENT OF CHEMISTRY, SN COLLEGE CHENGANNUR

Preamble

This Memorandum of understanding made on 07/03/2023 between Department of Chemistry, SN College Chengannur (herein referred to as "SNC") affiliated to the University of Kerala and Government College Kottayam, Department of Collegiate Education, Government of Kerala affiliated to Mahatma Gandhi University by mutual consent. The Government College Kottayam and SNC, collectively referred to as the "Parties"

Objectives

1. The main objective of this agreement is to develop academic and educational cooperation and to promote mutual understanding between the two Parties.
2. Each Party agrees to develop the following collaborative activities in the academic areas of mutual interest, on a basis of equality and reciprocity.
 - a. Joint supervision of Master and Doctoral theses.

NO: 29027
7/2/2023

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Principal
S.N. College
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[Signature]



- b. Invitation to teachers and researchers to attend seminars, conferences, courses, and meetings on topics of shared interest in research
 - c. Organizing joint seminars, conferences, workshops, and training programmes.
 - d. Exchange of laboratory and analytical facilities.
 - e. Joint collaborations in scientific publications on common interest fields.
 - f. Joint research projects in fields of mutual interests
 - g. Opportunities for faculty development and exchange as mutually agreed.
 - h. Exchange of academic information and materials
 - i. Any other project of common interest suggested by either of the two parties.
3. The development and implementation of specific activities based on this agreement will be separately negotiated and agreed between the parties. Each Party agrees to carry out these activities in accordance with the laws and regulations of the respective management after full consultation and approval.
 4. It is understood that the implementation of any of the types of co-operation stated in Clause 2 shall depend upon the availability of resources and financial support of the parties concerned.
 5. Both Parties agree that prior written approval is required before using the other name, logo, or other Party's Intellectual Property rights in any advertising or associated publicity.
 6. This Agreement places no financial obligations or supplementary commitments on either funding Party.
 7. This agreement may only be amended or modified by a written agreement signed by the representatives of each Party.
 8. Validity: The agreement becomes effective from the day of signature and will remain valid for three years. If none of the parties have expressed the desire to leave the agreement, it will automatically be continued for the same tenure of time. The agreement may be terminated at any time by either party upon 3 months (90 days) written notice to the other party.

Head
Department of Chemistry
Government College Kottayam

Principal
Government College Kottayam

Head
Department of Chemistry
SN College Chengannur

Principal
SN College Chengannur



PRINCIPAL
SRI SRI NARAYANA COLLEGE
CHENGANNUR

Activity Report

GOVT COLLEGE KOTTAYAM

TITLE: WEBINAR ON COORDINATION COMPLEXES

Date: 20/4/2023

The webinar on "Coordination Complexes," conducted by Dr. Anila B N, Assistant Professor of Chemistry at Government College Kottayam, provided participants with in-depth knowledge and insights into the fascinating world of coordination chemistry.

The webinar commenced with a warm welcome address by Dr. Venu.S, setting a positive and welcoming tone for the session. Dr. Venu's introductory remarks highlighted the importance of coordination complexes in modern chemistry and their applications in various fields.

During the webinar, Dr. Anila B N delved into the fundamentals of coordination complexes, covering topics such as ligands, coordination numbers, geometry, bonding theories, and spectroscopic methods for characterizing coordination compounds. Participants gained a comprehensive understanding of the structural and electronic aspects of coordination chemistry, including the coordination modes of different ligands and the factors influencing complex stability.

The interactive nature of the webinar allowed attendees to engage in discussions, ask questions, and explore complex concepts with the guidance of Dr. Anila's expertise. At the conclusion of the webinar, Dr. Reshmi.R expressed sincere thanks on behalf of the participants, acknowledging the valuable insights shared by Dr. Anila B N and the enriching learning experience provided during the session.

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Metalloenzymes" with the following bullet points:

- Natural metalloenzymes are well known proteins that act by use of one transition metal ion(such as Fe, Cu, Zn, Ni, and Co)
- These metalloenzymes are capable of catalysing a wide range of biosynthesis and metabolic events.
- These metal ions serve mostly as Lewis acids or redox-active sites.
- Furthermore, several enzymes have been used to manufacture important chemical intermediates in both laboratory and industrial-scale operations.
- In one prominent case, nitrite hydration, which possesses a Co(II) ion as the reactive site, has been utilized to produce acrylamide in commercial operations.
- Metal complexes comprising valuable metals such as Fe, Zn, or Pd, on the other hand, have been used as catalysts in the synthesis of a wide range of chemicals and drug precursors.
- Several research groups have looked into altering such metal enzymes to improve not only their individual catalytic reactivities, but also their stereo- and regio- selectivity's, as well as their substrate specificity.

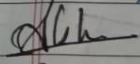
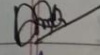
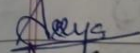
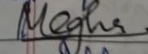
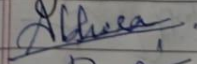
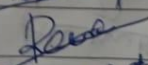
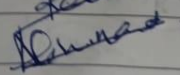
The Zoom interface includes a "Stop presenting" button, a grid of participant avatars (Suryakiran, Unnimaya M, NEETHU KUNJ..., Varsha Rathoo..., Anjal Roy, Arya Selvaraj, Shintu Shaji, 3 others, and ANILA B N), and a bottom toolbar with icons for chat, mute, video, and other controls. The system tray at the bottom shows the time as 11:33 AM on 08-08-2023.

**Webinar on “COORDINATION COMPLEXES” by Dr. ANILA BN
Assistant Professor of Chemistry Government College Kottayam**

SREE NARAYANA COLLEGE
CHENGANNUR


Webinar on 'Reaction Mechanism' by Krishna Raj,
Assistant Professor, Dept of Chemistry, Government
College, Nattakom. & Coordination Complexes by
Dr. Anita B, Assistant Professor, Dept of Chemistry,
Govt College, Nattakom.

Date:-

Sl.No.	Name of the student	Class	Signature of the student
1	Abhishek V Naaz	1 st Msc chemistry	
2	Danush VS	2 nd " "	
3	Aayalakshmi.G	1 st Msc chemistry	
4	Megha p.s	" "	
5	Abhirami B.s	1 st Msc Chemistry	
6	Revathy R Naaz	" "	
7	Abhinand's	2 nd Msc chemistry	

8.	Jobin M.R	2nd MSc Chemistry	Jobin
9.	Anamika .M	1st Msc Chemistry	Anamika
10.	Aswathy .C	1st MSc Chemistry	Aswathy
11.	Parvathi .B	1st MSc Chemistry	Parvathi
12.	Colin Thomas Capen	2nd MSc Chemistry	Colin
13.	Rekha .R .Nair	1st MSc Chemistry	Rekha
14.	Anagha Raj	2nd MSc Chemistry	Anagha
15.	Lekshmi .M	2nd MSc Chemistry	Lekshmi
16.	Safiyah Beebun	1st MSc Chemistry	Safiyah
17.	Sreekuthan .S	1st MSc Chemistry	SreeKuthan
18.	Prathigisha .P	1st MSc Chemistry	Prathigisha
19.	Munna .R	2nd MSc Chemistry	Munna
20.	Reshmi .C	2nd MSc Chemistry	Reshmi
21.	Arjun .A	1st MSc Chemistry	Arjun
22.	Sree Dhanya	1st MSc Chemistry	Sree Dhanya
23.	Ajay .J .Willis	2nd MSc Chemistry	Ajay
24.	Sona .S	2nd MSc Chemistry	Sona
25.	Varsha prasanna	2nd MSc Chemistry	Varsha




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 SREE NARAYANA COLLEGE
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