

RAYBURN COLLEGE



BSF Road, Gangpimual, Churachandpur, Manipur - 795 006, INDIA.

Affiliated to M.U: No. MU/1-65/98/CDC/136:07.08.2012.

Recognized by UGC under Section 2(f) & 12(B) of 1956 Act: No.8-29/2015(CPP-I/C):23/04/2015.

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DEPARTMENT OF CHEMISTRY

REPORT

ON TALK ON A "CHEMIST WORLD VIEW"

(03rd September 2022)

A talk was organized by Chemistry department, Rayburn college on the 3rd September 2022. The speaker was Prof. R. H. Duncan Lyngdoh, Professor, Department of Chemistry, NEHU, Shillong. B. Sc students from 1st, 3rd, and 5th semester participated. Dr. Siamkhanthang Neihzial, Assistant professor, dept. of chemistry was the compere of the programme. Rev. Dr. Khen. P. Tombing gave the opening remarks. L. Chungkholen Kom, HOD, Chemistry Dept. gave vote of thanks.

A CHEMIST'S WORLD VIEW

Professor R.H.D Lyngdoh

Former HOD (2006-2009), Former Dean of Physical
Sciences (2017-2020),

Coordinator of UGC SAP & DST FIST programs

Department of Chemistry

Nehu, Shillong

Date: 03-09-2022

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Rev. Dr. Khen P. Tombing presenting a small gift to the speaker



Prof. R. H. Duncan delivering his talk



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Group photo after the talk



Section of the audience & the speaker

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Ref. No.03/CHE-RBC/3:01-9-22

Dated:01/09/2022

NOTICE

Short talk on "A Chemist's Worldview"

The Department of Chemistry, Rayburn College, Gangpimual is pleased to announce the visit of **Professor R. H. Duncan Lyngdoh**, Department of Chemistry, NEHU, Meghalaya on the **3rd September, 2022, at 3:30 pm** at the Faculty Lounge to have a short talk on "**A Chemist's Worldview**".

He was the former HOD (2006 - 2009), the Dean of Physical Sciences (2017-2020), the Coordinator of UGC SAP & DST FIST programs.

He has published 55 papers and has supervised 20 PhD students.

The **B.Sc 1st, 3rd & 5th semester** students are requested to make it convenient to attend the talk **WITHOUT FAIL**. Other interested are also welcome.

*Accorded cup cake and
soft drink (fruit) for about
250 participants*

[Signature]

Principal
RAYBURN COLLEGE
Churachandpur, Manipur

[Signature]

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Copy to:

1. The Principal/Vice Principal
2. Coordinator IQAC
3. Department HODs
4. Students WhatsApp's group
5. Notice board
6. Guard file

250 x 20 = 5,000/-

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A CHEMIST'S VIEW OF NATURAL PHENOMENA

- 1. Who or What is a Chemist ?**
- 2. What is a Natural Phenomenon ?**
- 3. The Hierarchy of Levels of Understanding**
- 4. A Chemist's Level in the Hierarchy**
- 5. An Example of Application of a Chemist's Understanding**
- 6. The Utility of a Chemist's Insight**
- 7. What's Next - Further and Beyond ?**

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1. WHO OR WHAT IS A CHEMIST ?

A chemist is sometimes hard to define !

Chemistry – the science of *material substances*, especially in terms of *molecules* – their structure and their interaction

Branches of chemistry - Inorganic Chemistry
Organic Chemistry
Physical Chemistry
Theoretical Chemistry &c

Interaction with other disciplines - Biochemistry
Molecular Biology
Chemical Physics
Medicinal Chemistry &c

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Broadly, a chemist is someone who works with *molecules*, and studies nature from this viewpoint.

A chemist always looks for the *molecular basis* of a given natural phenomenon.

The molecular basis means the role played by *molecules* in characterising and expressing the given phenomenon.

This viewpoint may seem microscopic, since molecules are so small and seemingly irrelevant to macroscopic phenomena.

But actually, events at the microscopic level are often of great importance in deciding the macroscopic outcome of a given phenomenon.

This forms part of the chemist's creed !

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Ref. No.03/CHE-RBC/3:SEM/03-09-22

Dated:03/09/2022

ATTENDANCE

for

Short talk on "A Chemist's Worldview"

by

Professor R. H. Duncan Lyngdoh, Department of Chemistry, NEHU, Meghalaya on the **3rd September, 2022, at 3:30 pm** at the Faculty Lounge.

Sl. No	Name	Department/Post/Class	Signature
1.	Nemneikhing Harkip	B.Sc. 1 st Year	Nemneikhing Harkip
2.	Shimran Guxung	B.Sc. 1 st Year (Chem)	Shimran Guxung
3.	Niangbiaklon	B.Sc. 1 st Year (chem)	Niangbiaklon
4.	Neingaihching	B.Sc. 3 rd sem (2 nd year)	Neingaihching
5.	Hatneihoi Harkip	B.Sc. 3 rd sem (2 nd year)	Hatneihoi Harkip
6.	Ningpakhoi	B.Sc. 2 nd year (3 rd sem)	Ningpakhoi
7.	Chingrangmaui	B.Sc. 3 rd sem (2 nd year)	Chingrangmaui
8.	Jereh Ngakhikim	B.Sc. 3 rd sem (2 nd year)	Jereh Ngakhikim
9.	Chingrun siam	B.Sc. 3 rd sem (2 nd year)	Chingrun siam
10.	Nicky Greadinglian weiphei	B.Sc. 3 rd sem (2 nd year)	Nicky Greadinglian
11.	James T. mongsoi	B.Sc. 3 rd sem (2 nd year)	James T. mongsoi
12.	M. Diansonthang	B.Sc. 3 rd sem (2 nd year)	M. Diansonthang
13.	Suaitamlan Samte	B.Sc. 3 rd sem (2 nd year)	Suaitamlan
14.	Bendinand Lalimpria	B.Sc. 3 rd sem (2 nd year)	Bendinand Lalimpria
15.	Benjamin Ngailiensang	B.Sc. 3 rd sem (2 nd year)	Benjamin Ngailiensang
16.	Martha Khongsei	12 th passed	Martha Khongsei
17.	Grace	B.Sc. 1 st year	Grace
18.	Dominic	B.Sc. 1 st yr	Dominic
19.	Mary	B.Sc. 1 st year	Mary
20.	Chinboikim kipgen	B.Sc. 1 st year	Chinboikim kipgen

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21.	Nianggaihing Kipgen	B.Sc (1 st year)	Nianggaihing Kipgen
22.	Lamgamang Kipgen	B.Sc (5 th sem)	Lamgamang Kipgen
23.	Phetu Rabaokham	B.Sc (1 st sem)	Phetu Rabaokham
24.	Kimmeing Ahanghal	B.Sc (3 rd sem)	Kimmeing Ahanghal
25.	L. Teresa Niangjankim Zou	B.Sc (3 rd sem)	L. Teresa
26.	Dimnaching	B.Sc (3 rd sem)	Dimnaching
27.	Lamneithim	B.Sc (3 rd sem)	Lamneithim
28.	Kimhailun	B.Sc (3 rd sem)	Kimhailun
29.	Niang pi chong	B.Sc (3 rd sem)	Niangpi chong
30.	Kimuihai	B.Sc (3 rd sem)	Kimuihai
31.	Vunggaihian	B.Sc (3 rd sem)	Vunggaihian
32.	Hatngaihun	B.Sc (3 rd sem)	Hatngaihun
33.	Rose Lyngngaw	B.Sc (3 rd sem)	Rose Lyngngaw
34.	Chin Rebecca	B.Sc (3 rd sem)	Chin Rebecca
35.	P. Elizabeth Dammgaihmem	B.Sc (3 rd sem)	P. Elizabeth Dammgaihmem
36.	Nuambiahai	B.Sc (5 th sem) (Cpu)	Nuambiahai
37.	Nemmelam	B.Sc (5 th sem) (Cpu)	Nemmelam
38.	Gloria Heimeilhei	Class XII	Gloria Heimeilhei
39.	Chinghailkin	XII	Chinghailkin
40.	Dr Henry N. Pangante	Asst. Prof. Cpu College	Henry N. Pangante
41.	Chinmuanthang Guoti	Asst. Prof. Rayburn College (Kethang)	Chinmuanthang Guoti
42.			
43.	Thang ven lian	B.Sc 3 rd sem	Thang ven lian
44.	Thang muan lai	B.Sc 3 rd sem	Thang muan lai
45.	Thangsvantal	B.Sc 3 rd sem	Thangsvantal
46.	Ngammindal Touthang	B.Sc 3 rd sem	Ngammindal Touthang
47.	Gummithang Khong Sai	B.Sc 3 rd sem	Gummithang Khong Sai
48.	Khaimantal Hanghal	B.Sc 3 rd sem	Khaimantal Hanghal
49.	B. Dongchihau Simet	B.Sc 3 rd sem	B. Dongchihau Simet

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50.	E. Chungleson Pan	Chemistry Asst. Prof	
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