

Activity Report



Activity Report

Expert talk -February,2025

Dr. Magan Kanjiya ,Former Professor at Manchester Universtiy

Organised by

Faculty of Science

Department of Chemical Sciences

Program: B. Sc Chemistry

On:3rdFebruary,2025

For the students of

B.Sc. Chemistry

Semester-6

ATMIYAUniversity, Rajkot

ATMIYA UNIVERSITY

Department of Chemical Sciences

Program: B.Sc. Chemistry

Organizes

Expert Talk on 3th February, 2025

for the students of

B.Sc. Chemistry semester-6

Topic: NMR spectroscopy

Co-ordinator: **Dr. Archana Cholera**

Time: **11:30 am**

Resource Person: Dr. Magan Kanjiya

former Professor at Manchester University

Venue: **Science Building Room no-304**

Atmiya University

Activity Report

1. **Title of the Activity:**Expert Talk: Dr. Magan Kanjiya former Professor at Manchester University
2. **Venue:** Room No. 304
3. **Brief Description of the Activity:** Expert Talk on NMR spectroscopy
4. **Activity Schedule:** 11:30am onwards- 3rd February 2025
5. **Activity Coordinator:**Dr. Archana Yogesh Cholera
6. **Activity Organizers:** Department of Chemical Sciences-(Program: Chemistry)
7. **Participants' Details:** B.Sc. Chemistry Semester-6atmiya university and B. Sc. Chemistry semester-6 Virani Science College
8. **Outcome of the Activity:**

After attending a basic NMR theory lecture, B.Sc. Chemistry students will have learned the following major outcomes:

1. **Understanding the Fundamental Principles of NMR:**

Students will comprehend the basic concept of NMR spectroscopy, including nuclear spin, resonance, and how atomic nuclei interact with magnetic fields and radiofrequency radiation.

2. **Interpreting Chemical Shifts and Spin-Spin Coupling:**

Students will learn how to interpret chemical shifts in NMR spectra, which help identify different chemical environments in molecules. They will also understand how spin-spin coupling leads to the splitting of signals (multiplets) and how to interpret these patterns.

3. **Understanding the Importance of Integration and Coupling Constants:**

Students will understand how to use integration values to determine the relative number of nuclei in different environments, and how coupling constants provide information about the connectivity between atoms in a molecule.

4. Application of NMR in Structural Analysis:

Students will gain insight into how NMR spectroscopy is used for the structural identification of organic compounds, including how to deduce the molecular structure based on the NMR spectrum.





ATMIYA UNIVERSITY

Department of Chemical Sciences- Program: B.Sc. Chemistry

Organized

Expert Talk on Topic: NMR Spectroscopy

Expert: Dr. Maganbhai Kanjiya

(Former Professor at Manchester University, U.K.)

for the students of

B.Sc. Chemistry Semester-6

Date: 3rd February, 2025

Time: 11:00 AM - 12:30 PM

Venue: Classroom no 304

Sr. No.	Enroll. No.	Name of Students	Sign
1	220701001	Bharadava Yashkumar Jigneshbhai	
2	220701002	Bhensdadiya Bhavya Sureshbhai	
3	220701003	Bhoraniya Ronakkumar Hiteshbhai	
4	220701005	Davera Hetasvi Vinodbhai	
5	220701006	Gadara Kevin Jayeshbhai	
6	220701008	Gosai Jaygiri Kaushikgiri	
7	220701009	Hansaliya Prince Pravinbhai	
8	220701010	Mandir Vivekkumar Sureshbhai	
9	220701011	Manek Disha Maheshbhai	
10	220701012	Panara Jeet Nagjibhai	
11	220701015	Solanki Parth Mukeshbhai	
12	220701016	Suva Krishn Sanjaybhai	
13	220701018	Babariya Harsh Nikunjbhai	
14	220701019	Dave Madhav Kishorkumar	
15	220701020	Mandani Mahek Ashokbhai	
16	210701013	Ghodasara Dhruvik Kamleshbhai	

Pychobal
Coordinator
Dr. A. Y. Chobal

Head of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

SHRI M. & N. VIRANI SCIENCE COLLEGE(AUTONOMOUS) RAJKOT

Department of Chemistry

Organized

Expert Talk : Dr. Maganbhai Kanjiya

(Former Professor at Manchester University, U.K.)

for the students of

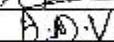
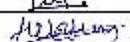
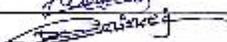
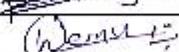
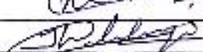
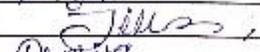
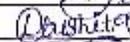
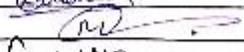
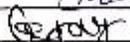
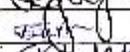
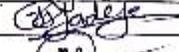
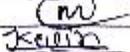
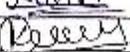
B.Sc. Chemistry

Topic: NMR Spectroscopy

Date: 3rd February, 2025

Time: 11:00 AM - 12:30 PM

Venue: Classroom no 304

Sr. No.	Enroll. No.	Name of Students	Sign
1	22BCH001	Abhangi Soham Dineshbhai	
2	22BCH002	Aghara Meetkumar Vijaybhai	
3	22BCH003	Babariya Banshi Niteshbhai	
4	22BCH005	Barasara Hitkumar Prafulbhai	
5	22BCH006	Barasara Kirtan Narendrabhai	
6	22BCH007	Bhesaniya Prince Jayeshbhai	
7	22BCH008	Borsaniya Hemanshu Rajeshbhai	
8	22BCH010	Chhaiya Jaykumar Hemantbhai	
9	22BCH012	Davariya Anjalben Ramajibhai	
10	22BCH013	Devmurari Jeel Rajeshbhai	
11	22BCH014	Dhedhi Trushita Amreshbhai	
12	22BCH015	Gadara Milan Kanubhai	
13	22BCH016	Gajen Jaykumar Nareshbhai	
14	22BCH018	Hingarajiya Prisha Prakeshbhai	
15	22BCH019	Jadeja Jayrajsinh Sukhdevsinh	
16	22BCH020	Joshi Manasvi Mukeeshbhai	
17	22BCH022	Kathirya Kevin Vipulbhai	
18	22BCH024	Limhani Karen Jaysukhbhai	

19	22BCH025	Madaliya Mohil Atulbhai	Atul
20	22BCH027	Mehta Panthi Dilipbhai	Panthi
21	22BCH028	Mer Ketan Lakhmanbhai	Ketan
22	22BCH029	Mokasana Bhargav	Bhargav
23	22BCH030	Nagariya Keval Harshadbhai	Keval
24	22BCH031	Panchotiya Shiv Harshadbhai	Shiv
25	22BCH032	Pandya Zalak Jayeshbhai	Zalak
26	22BCH033	Pamar Jayraj Dineshbhai	Jayraj
27	22BCH034	Pamar Kuldeep Himmatbhai	Kuldeep
28	22BCH035	Pathak Adarsh Alpeshbhai	Adarsh
29	22BCH036	Rank Raj Ashokbhai	Raj
30	22BCH037	Rohit Sharma	Rohit
31	22BCH038	Rupapara Rachna Niteshbhai	Rachna
32	22BCH039	Santoki Gautam Pravinbhai	Gautam
33	22BCH040	Shekh Hemal Dineshbhai	Hemal
34	22BCH041	Shreeya Kiritbhai Kothiya	Shreeya
35	22BCH042	Sindhal Mehulsinh Kiransinh	Mehul
36	22BCH043	Solanki Ajit Mansukhbhai	Ajit
37	22BCH044	Teraiya Dhyan Jagatbhai	Dhyan
38	22BCH045	Tholiya Anshi Hareshbhai	Anshi
39	22BCH046	Dobariya Tirth Hareshbhai	Tirth
40	22BCH047	Vachhani Jay Kiritbhai	Jay
41	22BCH048	Vadodariya Dhruv Nileshbhai	Dhruv
42	22BCH049	Vanani Chirag Bharatbhai	Chirag
43	22BCH050	Vatukiya Dhruvkumar Ramnikbhai	Dhruv
44	22BCH051	Vatukiya Yuvraj Kumar Jagdishbhai	Yuvraj
45	22BCH052	Vora Devang Dipakbhai	Devang

Ayeshah
co-ordinator
Dr. A. Y. Chole

HEAD
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