

DEPARTMENT OF PHYSICS
EXTENSION LECTURE AT NTR GDC(W)- MBNR
FOR THE ACADEMIC YEAR
2023-2024



INCHARGE

Department of Physics
Dr.BRR Govt. College
Jadcherla-509 301



PRINCIPAL

Dr.B.R.R. Govt. Degree College
Jadcherla

DEPARTMENT OF PHYSICS

ACADEMIC YEAR: 2023-2024

EXTENSION LECTURE AT NTR GDC-MBNR

DATE: 04-11-2023

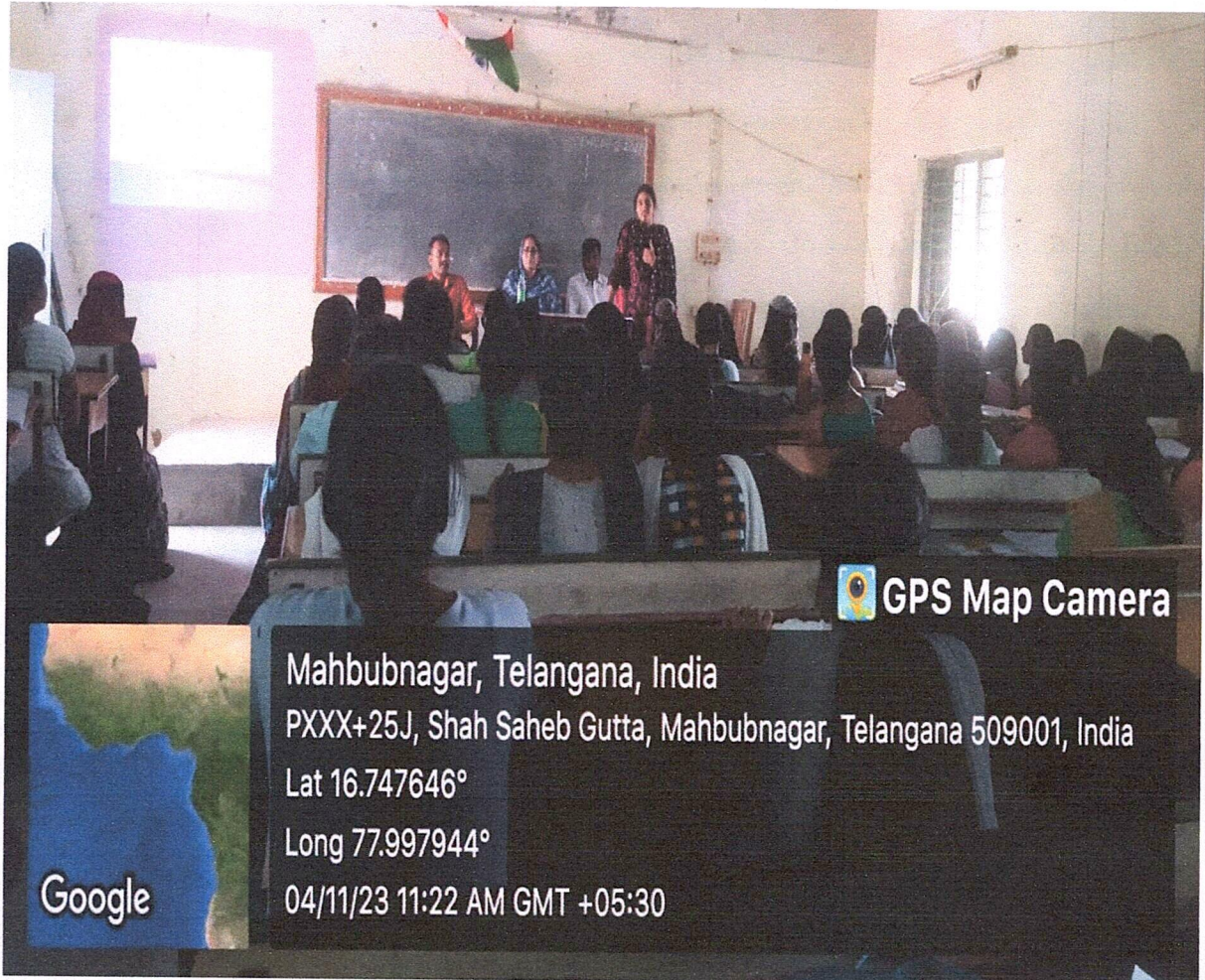
An Extension Lecture is delivered by **Sri. B. Uday Kumar**, Assistant Professor of Physics, Dr B.R.R Government Degree College- Jadcherla to all the III Year B.Sc MPC & MPCS students on 04-11-2023 at **NTR (W) Government Degree College-Mahabubnagar on the topic "Bonding in Crystals"** for the benefit of the students to gain additional knowledge. This activity is arranged as part of MOU made between Dr BRR Govt. Degree College- Jadcherla and NTR(W) Govt. Degree College- Mahabubnagar.

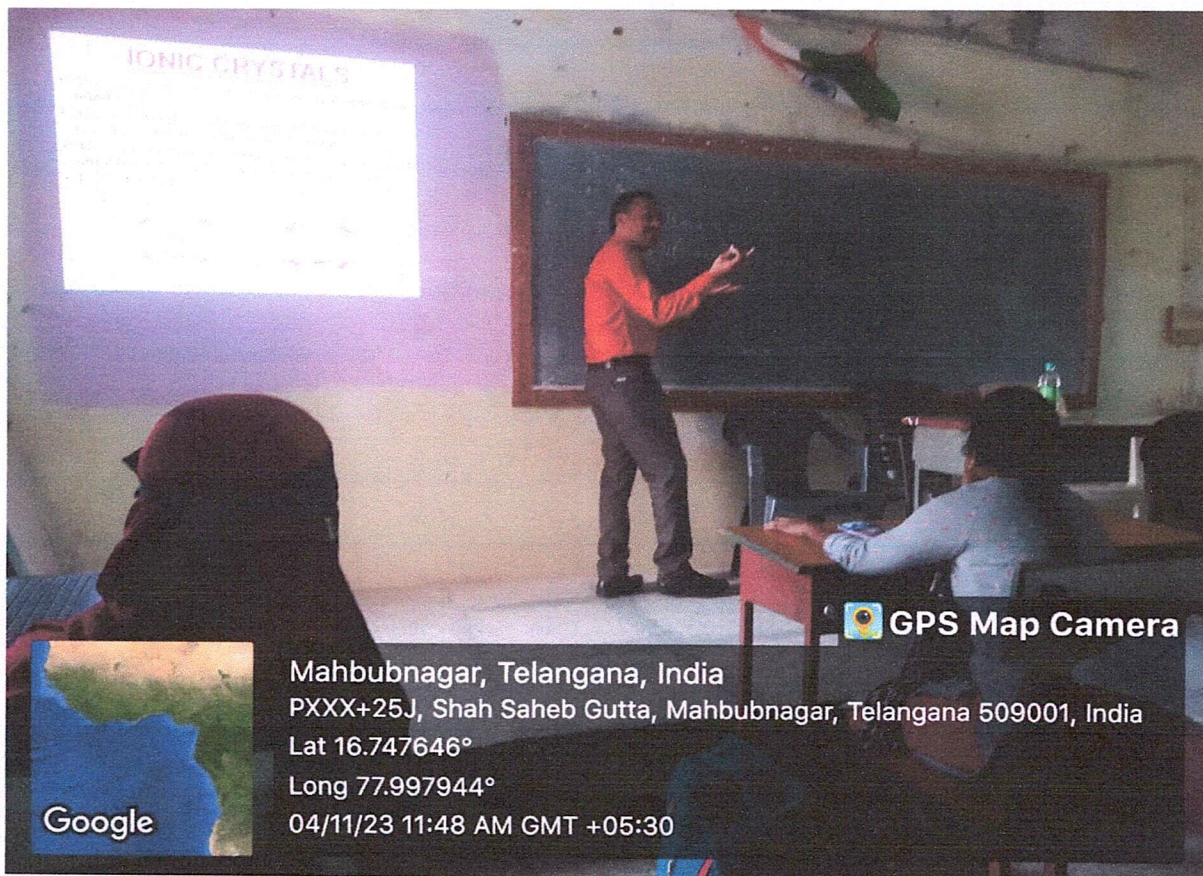
Signature of Lecturer

B. Uday Kumar

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IONIC CRYSTALS
Ionic crystals are formed by the combination of a metal and a non-metal. The metal atom loses an electron to form a cation and the non-metal atom gains an electron to form an anion. The electrostatic force of attraction between the oppositely charged ions is called ionic bond. The resulting crystal is called ionic crystal. Ionic crystals are hard, brittle and have high melting and boiling points. They are poor conductors of electricity in the solid state but good conductors in the molten state or in aqueous solution.

GPS Map Camera



Mahbubnagar, Telangana, India
PXXX+25J, Shah Saheb Gutta, Mahbubnagar, Telangana 509001, India
Lat 16.747646°
Long 77.997944°
04/11/23 11:48 AM GMT +05:30



GPS Map Camera



Mahbubnagar, Telangana, India
PXXX+25J, Shah Saheb Gutta, Mahbubnagar, Telangana 509001, India
Lat 16.747646°
Long 77.997944°
04/11/23 11:34 AM GMT +05:30

REQUEST LETTER TO FROM NTR (W) GDC, MAHABUBNAGAR:

**NTR GOVT DEGREE COLLEGE FOR WOMEN
MAHABUBNAGAR- 509 001**

(Affiliated to Palamuru University)

Capt. Dr. M. VIJAY KUMAR
M.Com., Ph.D.

Principal

E-mail: ntr.jkc@gmail.com



To
The principal,
Dr. BRR Govt. Degree College,
Jadcherla,
Mahabubnagar District.

Rc.No 1446 /Extension Lecture/2023-2024.

Respected Madam,

Sub: NTRGDC-Academics-Extension Lecture in the department of Physics- Resource Person
Sri. B.Uday Kumar, Asst. Professor of Physics- request to relieve-reg.

With reference to the subject cited above this college inviting Sri.B. Uday Kumar, Asst.
Professor of Physics of your college to deliver an extension lecture for the v semester students of this
college on the topic "Bonding in Crystals" on 04-11-2023 under the MOU related to faculty exchange
between NTR Government college for women & Dr. BRR Government College, Jadcherla.

In this connection I request you to permit and relieve Sri. B.Uday Kumar, Asst. Professor of
Physics on 04-11-2023.

[Signature]
Principal
PRINCIPAL
N.T.R.G.D.C.(W)
Mahabubnagar.

NO
2/11/2023

Inward
732

2/11/23

ch. ds

[Signature]

INCHARGE
Department of Physics
Dr.BRR Govt. College
Jadcherla-509 301

[Signature]
PRINCIPAL
Dr.B.R.R. Govt. Degree College
Jadcherla

ATTENDANCE CERTIFICATE:

**NTR GOVT DEGREE COLLEGE FOR WOMEN
MAHABUBNAGAR- 509 001**

(Affiliated to Palamuru University)



Capt. Dr. M. VIJAY KUMAR
M.Com., Ph.D.

E-mail: ntr.jkc@gmail.com

PRINCIPAL

Date: 04.11.2023

ATTENDANCE CERTIFICATE

This is to certify that Sri. B. Uday Kumar, Assistant Professor of Physics, Dr. BRR Govt. Degree College, Jadcherla, has acted as Resource Person, delivered Lecture on "**Bonding in Crystals**" for 2 sessions (4 Hours) at NTR GDC(W), Mahabubnagar on 04.11.2023.

His efforts are very much appreciable and we thankful for this wonderful session.

Principal

PRINCIPAL
N.T.R.G.D.C.(W)
Mahabubnagar.

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