

Faculty Profile



1. **Name :** Dr. Archana Singh
 - **Designation :** Lecturer
 - **Department :** Chemistry
 - **Qualification :** M.Sc. , Ph.D.
 - **Experience :** 17 years in Academics at UG, PG & Diploma sector

2. **Contact Information :**
 - **Email :** archie.bbc07@gmail.com
 - **Phone :** 9454242606

3. **Research Interests :** Biophysical chemistry (Duck egg shell & Modal membrane)

4. **Teaching Areas :** Inorganic, Organic & Physical Chemistry

5. **Publications :**
 - (a) **Transport of metal ions through synthetic membrane: conductance data and absolute reaction rate theory.”** - *By Archana singh, M.A. Ansari*
Progressive research 7 (special) , 159-162 (2012) society for sci. dev. In Agri. And Tech.

 - (b) **“Electrochemical characterization of in exchange, synthetic membrane”** - *By Archana Singh, Kahkashan Naaz*
Progressive research 7 (special), 384-387 (2012) society for sci. dev. In Agri. And Tech.

6. **Workshop / Conferences / Attended**
 - (1) 8th national conference on **thermodynamics of chemical, biological and environmental systems – 2013** (Nov. 25-26, 2019) *Poster presentation*

 - (2) National conference on **emerging problems and recent advances in applied sciences: Basic to molecular approaches** (Feb. 08-09, 2014) *Presented paper.*

 - (3) National conference on **role of mathematics in advancement of science & Technology** (Oct. 18-20, 2013) *Presented Paper.*

 - (4) National symposium on **achieving millennium development goals problems & prospects** (25-26 Oct, 2009) *presented paper*

 - (5) National seminar on **new trends in Green chemistry** (Dec. 14-15 Dec, 2010) *Participated*

- (6) International conference on **chemistry and materials prospects and perspectives** (*Dec 14-16, 2012*) *Participated*
- (7) National seminar on **frontiers in environmental Research** (*Feb 18-19, 2012*)
- (8) National seminar on **biodiversity: ecological security and sustainable utilization of natural resources** (*March 8-10, 2013*) *oral paper presentation.*
- (9) Short Training Programme on **Induction programmes for newly recruited teachers** at IRDT Kanpur.
- (10) Short Training Programme on **Refresher course in applied chemistry** at IRDT Kanpur.
- (11) Short Training Programme on **Updating applied chemistry** at IRDT Kanpur
- (12) Short Training Programme on **Basic chemistry in different Engg. Technology** at IRDT Kanpur.
- (13) Short Training Programme on **Nano material characterization and application** at NITTTR Chandigarh.
- (14) Short Training Programme on **Practical skills in Technical Education** in NITTTR Chandigarh.
- (15) Short Training Programme on **Essential materials chemistry for Engineers** at NITTTR. Chandigarh.
- (16) Short Training Programme on **FDP (Blended learning and flipped classroom)** at NITTTR Chandigarh.
- (17) Short Training Programme on **Faculty advancement** at IRDT Kanpur

7. **Extracurricular Involvement:** Working as Academic Officer since 2022.