दिल्ली विश्वविद्यालय
University of Delhi

20CHEM2014458

Application for Ph.D. in Chemistry

Amount	Transaction No.	Payment Date
₹ 300.00	20070470196095	04-07-2020 18:15:26

Department	Chemistry	Programme	Ph.D. in Chemistry

Name	AYUSHI AGRAWAL	**Category**	EWS		
Gender	Female	**Nationality**	Indian		
Date of Birth	16-09-1996	**Age (As on 01-05-2018)**	23 Years 7 Month 16 Days		
Email	ashiayushi.agrawal@gmail.com	**Mother/Father/Guardian's Name**	UMESH KUMAR	Your Photo	
Mobile	9910858374	**University Last Attended**	Jamia Millia Islamia		
PwD Category	Not Applicable				
Writer Assistance Required	Not Applicable	**Postal Address**	549/22 street number 7 shivji park , 549/22 street number 7 shivji park Gurugram (Gurgaon), Haryana - 122001 , India		
Identity Proof	Aadhar Card	**ID Proof No.**	382855836655	**Passport**	Not Applicable

Eligibility Condition for Ph.D

Candidates who have qualified UGC- NET (including JRF)/ UGC-CSIR NET (including JRF)/AYUSH-NET/DBT-JRF, ICMR-JRF, DST-INSPIRE or equivalent national level examination/fellowship (as identified by DRC)/GATE/teacher fellowship holder may directly appear for interview.

Educational Qualification

Examination Passed	Subject/ Stream	Board/ University	Year	Maximum Marks	Marks Obtained	Percentage/CGPA
10+2	Science	CBSE	2013	500	417	83.40
B.Sc (Hons)	Chemistry	University of Delhi	2016	3550	2767	77.94
M.Sc	Chemistry	Jamia Millia Islamia	2020	Result Awaited	Result Awaited	Not Applicable
B.Ed.	Physical Science and Maths		2018	1450	1004	69.24

Last College Attended:	Last Examination Roll Number (For DU Students only):
Jamia Millia Islamia	NA

National Level Examination	UGC-CSIR NET		
Title of Fellowship/Scholarship	**Certificate No.**	**Date**	**Fellowship Amount**
JRF	HR0416201242	2020-07-23	31000
Other Details	Not Applicable		

Proposed theme and scope of research for M.Phil./Ph.D.

NOT APPLICABLE

Proposed Research Questions

NA

Proposed Methodology

NA

Primary sources/field work, methodology, hypothesis/research, questions and issues in the proposed field of interest.

NA

Major writings in the field in which you would like to pursue your M.Phil./Ph.D.

NA

Past Research Experience, Publications

In this work, the Ironoxide-Tea leaves nanocomposites were prepared and their potential as an adsorbent for the pernicious dyes like Congo Red (CR) was fruitfully studied. Various experiments were carried out to discover adsorption studies. Experimental studies were done at different temperatures. The Batch experiments were performed to estimate the adsorption capacity of Fe2O3@tea towards the Congo Red dye in terms of adsorbent dose (10-60 mg), pH solution (2-10), contact time (15-90 min) and initial concentration (10-90 ppm), temperature (300K, 308 K, and 318 K), and agitation (up to 215 rpm). Adsorption of dye particles on iron nanoparticle altered depending on temperature, pH, and nature of system. The effective adsorption of dye on iron-tealeaves nanoparticle shows strong dye and nanoparticle interaction. The preliminary results indicate that iron-tealeaves nanocomposite is a competent, economical, and green nanoparticle for dye removal from wastewater. The final results of the experiments conducted are under investigation due to COVID 19 pandemic and closure of the investigating lab.

Additional Information

NA

Uploaded Files

1. Photo	2. Signature	3. ID Proof	4. D.O.B. Certificate	5. Caste Certificate

For Refund of Fee

Name of Account Holder	ayushi agrawal	**Account Number**	011894100000402	**Name of Bank**	yes bank	**IFSC Code**	YESB0000118

Declaration

I have checked all the entries made by me in the form. Any wrong information given by me will lead to cancellation of my admission and also penal action against me.

Ayushi Agrawal

(AYUSHI AGRAWAL)