

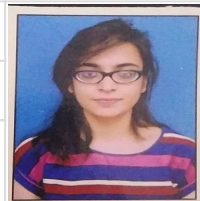


दिल्ली विश्वविद्यालय
University of Delhi

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	ashiyushi.agrawal@gmail.com	Mother/Father/Guardian's Name	UMESH KUMAR
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



Your Photo

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:

Jamia Millia Islamia

Last Examination Roll Number (For DU Students only):

NA

National Level Examination

UGC-CSIR NET

Title of Fellowship/Scholarship

JRF

Certificate No.

HR0416201242

Date

2020-07-23

Fellowship Amount

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
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For Refund of Fee

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