

Dr. Anil Chatterjee

Director – Lifelong Learning

Director – Research Section



The University of Burdwan

Rajbati, Burdwan- 713104, W.B

M-9434740604

E-mail : jtdirector_III@buruniv.ac.in

Ph.D./Regn./Env. Sc/E-179

Dated: 14.06.2024

SL. NO. 411

Sri Amit Kumar Dey

C/O- Prof. Apurba Ratan Ghosh,

Dept. of Environmental Science, B.U.

UNDER UGC'S REGULATION 2016

Sub: Grant of Registration as a candidate for Ph.D. degree in Environmental Science with effect from 09-09-2021

Sir/Madam,

I am to inform you that the Faculty Council for P.G. Studies in Arts/ Science at its meeting held on 02.05.2024 permitted you to get yourself registered as a candidate for Ph.D. degree, mentioned above, the title of your thesis being , “ IMPACT OF TRACE AND POTENTIALLY TOXIC ELEMENTS ON SUSTAINABLE FISH CULTURE CONSIDERING HUMAN HEALTH RISK ASSESSMENT IN OPENCAST COAL PITS OF RANIGANJ COALFIELD AREAS” Subject to fulfillment of the requirements set forth in the University Ordinances relating to Doctoral Degrees and such terms and conditions as may be laid down by the appropriate authorities of the University from time to time.

You will now be required to deposit the Ph.D. Registration fee of Rs. 8,000/- (Eight thousand only) for enrolment of your name in the Register of candidates for Ph.D. degree, positively within a month from the date of issue of this letter, failing which your case will not be considered for Registration as a Ph.D. candidate and the relevant copy of the cash receipt should be submitted to the Ph.D Unit.

In this connection you are requested to note that ---

- a) You have been permitted to do research work under Prof. Apurba Ratan Ghosh, Dept. of Environmental Science, B.U. as your Supervisor / Co- Supervisors.
- b) You will be required to get yourself registered as a student of this University on migration after completing all the necessary formalities prescribed in this behalf, unless you are already a registered student of this University.
- c) You will be required to deliver one seminar talk before submission of the thesis pertaining to the project of your research you have undertaken within the period of your research work and before submission of the thesis.
- d) i) You will have to publish at least one research paper related to your research work in a referred journal / peer reviewed journal and ii) Make two presentation in Conference/Seminar before submission of the thesis and produce evidence for the same in the form of acceptance letter / reprint /certificate of presentation as applicable at the time of submission of your thesis.
- e) You will have to submit your thesis within six years from the date of your registration for Ph.D. degree mentioned above, but not earlier than 09-09-2024 (three years including course work) in the prescribed manner along with the fee of Rs. 8,000/- (Eight thousand only) or as may be fixed by the Executive Council from time to time towards submission of thesis.

M.A./M.Sc./M.Com. (2015) M.Tech./M.D.	DURGAPUR GOVERNMENT COLLEGE, THE UNIVERSITY OF BURDWAN	CLASS FIRST CLASS FIRST	ENVS (E) Conservation Biology	430 958	53.75% 79.83%
Others					

Debidas Mondal

Joint Registrar



The University of Burdwan

Rajbati, Burdwan- 713104, W.B

Tel. Nos. +91-0342-2634975
(EPABX) Ext 213

Telegraphic Code : BURDSITY

Tele-Fax : +91-0342-2634015

e-mail : jregistrar@buruniv.ac.in

Dated: 24.11.2021

414

R-Ph.D./Regn./Sc/Ew.sc/192

Under UGC's New
Regulation - 2016

For/SA. Debajyoti Mishra
To. Prof. N.K. Mandal
Dept. of Ew.sc. B.U.

Sub: Grant of Registration as a candidate for Ph.D. degree in Environmental Science
with effect from 22-05-2019

Sir/Madam,

I am to inform you that the Faculty council for the Post-graduate studies in Arts etc./ Science at its meeting held on 8-10-2021 permitted you to get yourself registered as a candidate for Ph.D. degree, mentioned above, the title of your thesis being HYDROGEOCHEMISTRY OF ARSENIC AND ASSOCIATED HEAVY METALS IN MURSHIDABAD DISTRICT, WEST BENGAL: SPATIAL DISTRIBUTION, BIOACCUMULATION AND ASSOCIATED HUMAN HEALTH RISK. Subject to fulfillment of the requirements set forth in the University Ordinances relating to Doctoral Degrees and such terms and conditions as may be laid down by the appropriate authorities of the University from time to time.

You will now be required to deposit the Ph.D. Registration fee of Rs. 8,000/- (Eight thousand only) for enrolment of your name in the Register of candidates for Ph.D. degree, positively within a month from the date of issue of this letter, failing which your case will not be considered for Registration as a Ph.D. candidate and the relevant copy of the cash receipt should be submitted to the Ph.D Unit.

In this connection you are requested to note that ---

a) You have been permitted to do research work under Prof. N.K. Mandal, Dept. of Ew.sc. B.U. as your Supervisor / Co-Supervisors.

b) You will be required to get yourself registered as a student of this University on migration after completing all the necessary formalities prescribed in this behalf, unless you are already a registered student of this University.

c) You will be required to deliver one seminar talk before submission of the thesis pertaining to the project of your research you have undertaken within the period of your research work and before submission of the thesis.

d) i) You will have to published at least one research paper related to your research work in a referred journal / peer reviewed journal and ii) Make two presentation in Conference/Seminar before submission of the thesis and produce evidence for the same in the form of acceptance letter / reprint / certificate of presentation as applicable at the time of submission of your thesis.

e) You will have to submit your thesis within six years from the date of your registration for Ph.D. degree mentioned above, but not earlier than 22-05-2022 (three years including course work) in the prescribed manner along with the fee of Rs. 8,000/- (Eight thousand only) or as may be fixed by the Executive Council from time to time towards submission of thesis.

M.A./M.Sc./M. Com. M.Tech./M.D.	The University of Burdwan	1st	ENVA, ENGB Environment al. Science	8.06 CGPA	75.6
Others	NA				

- f) i) You will be required to appear before Research Advisory Committee once in six months to make a presentation of the progress of his/her work for evaluation and further guidance. This six-monthly report shall be submitted by the Research Advisory Committee to the Board of Research Studies with a copy to the research scholar.
- ii) In case the progress of the research scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend to the Faculty Council for PG Studies concerned through the Board of Research Studies with specific reasons for cancellation of the registration of the research scholar.
- g) The women candidate & persons with disability (More than 40%) may be allowed a relaxation of two years for Ph.D Programme in the maximum duration. The women candidates may avail Maternity Leave/Child care Leave once in the entire duration of Ph.D Programme upto 240 days with the permission of the Chairman, Doctoral Committee.
- h) In your case, *four/five copies* of the thesis along with a *C.D. in PDF format* (containing the Synopsis and the Thesis) be submitted and one copy be retained by you as a reference copy.
- i) At the time of submission of thesis, a certificate in the prescribed form furnished by your Supervisor(s) will have to be pasted on all the copies of the thesis.
- j) The registration granted under this letter will remain valid for six years from the date of registration. In the event of failure of submission of the thesis within the stipulated period, re-registration may be sought for and the same may be granted after observing all the formalities required in this behalf and on the receipt of the prescribed fee(s). Application for re-registration may be sought within the stipulated period i.e. within six years.
- k) The registration granted herein may be cancelled by the concerned authority/ body of the University in the event of failure of the candidate to fulfill any of the prescribed requirements at any stage.
- l) Residential requirements should be fulfilled and maintained.
- m) While submitting for evaluation, the thesis shall contain an undertaking from the research scholar and a certificate from the research Supervisor(s) attesting to the Originality of the work, vouching that there is no Plagiarism and that the work has not been submitted for the award of any other degree/diploma of the University or to any other institution.
- n) You will be required to submit six typed copies of Synopsis/Abstract of the thesis (not exceeding ten pages) along with the certificate mentioned in Clause(l) above and a certificate of delivering Seminar talk(s) and the Clearance Certificate from the Librarian of the Central Library, Burdwan University at the time of submission of thesis.

Yours faithfully,

[Signature]
Jt. Registrar

No. R/Ph.D./Regn./ *sc/Env. sc. 192/1(4)* Dated: *24.11.2021*

- Copy forwarded for information to:
- 1) The Head of the Department of *Environmental Science* B.U.
 - 2 Supervisor(s) of the candidate: i) *Prof. N. K. Mandal* Dept. of *Env. sc. B.U.*
 - ii) *Science* B.U.
 - 3) The Secretary, Faculty Council for P.G. Studies in *Science* B.U.
 - 4) The Finance Officer, B.U.

[Signature]
Jt. Registrar

sc/
24/25/11/21

Arijit Chatterjee



The University of Burdwan
Rajbati, Burdwan- 713104, W.B.
M-9434740604
E-mail: jtdirector_III@buruniv.ac.in

Dr. Arijit Chatterjee

Joint Director - Lifelong Learning
&
In Charge - Research Section



The University of Burdwan
Rajbati, Burdwan- 713104, W.B.
M-9434740604
E-mail: jtdirector_III@buruniv.ac.in

No.R-Ph.D./Regn. /sc / Env.sc / 63

To:
Mr. Pradip Mitra
C/O- Prof. Naba Kumar Mondal,
Dept. of Environmental Science, B.U.

422

Dated: 26.06.2023
Under UGC's New
Regulation - 2016

Sub: Grant of Registration as a candidate for Ph.D. degree in Environmental Science
with effect from 07.09.2021

Sir/Madam,

I am to inform you that the Faculty Council for P.G. Studies in Arts/ Science at its meeting held on 06.06.2023 permitted you to get yourself registered as a candidate for Ph.D. degree, mentioned above, the title of your thesis being, "IMPACT OF KITCHEN SMOKE ON TRIBAL WOMEN: AN APPROACH TOWARDS UNDERSTANDING THE SPECTRUM OF CARDIOPULMONARY PROBLEMS AND SUITABLE SIGNATURE MOLECULES" Subject to fulfillment of the requirements set forth in the University Ordinances relating to Doctoral Degrees and such terms and conditions as may be laid down by the appropriate authorities of the University from time to time.

You will now be required to deposit the Ph.D. Registration fee of Rs. 8,000/- (Eight thousand only) for enrolment of your name in the Register of candidates for Ph.D. degree, positively within a month from the date of issue of this letter, failing which your case will not be considered for Registration as a Ph.D. candidate and the relevant copy of the cash receipt should be submitted to the Ph.D Unit.

In this connection you are requested to note that ---

- a) You have been permitted to do research work under Prof. Naba Kumar Mondal, Dept. of Environmental Science, B.U. as your Supervisor / Co-Supervisors.
- b) You will be required to get yourself registered as a student of this University on migration after completing all the necessary formalities prescribed in this behalf, unless you are already a registered student of this University.
- c) You will be required to deliver one seminar talk before submission of the thesis pertaining to the project of your research you have undertaken within the period of your research work and before submission of the thesis.
- d) i) You will have to published at least one research paper related to your research work in a referred journal / peer reviewed journal and ii) Make two presentation in Conference/Seminar before submission of the thesis and produce evidence for the same in the form of acceptance letter / reprint /certificate of presentation as applicable at the time of submission of your thesis.
- e) You will have to submit your thesis within six years from the date of your registration for Ph.D. degree mentioned above, but not earlier than 07.09.2024 (three years including course work) in the prescribed manner along with the fee of Rs. 8,000/- (Eight thousand only) or as may be fixed by the Executive Council from time to time towards submission of thesis.

M.Tech./M.D. 2018	The University of Burdwan	1 st	Zoology	892	74-30
Others					

No. C

f) i) You will be required to appear before Research Advisory Committee once in six months to make presentation of the progress of his/her work for evaluation and further guidance. This six-monthly report shall be submitted by the Research Advisory Committee to the Board of Research Studies with a copy to the research scholar.

ii) In case the progress of the research scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend to the Faculty Council for PG Studies concerned through the Board of Research Studies with specific reasons for cancellation of the registration of the research scholar.

g) The women candidate & persons with disability (More than 40%) may be allowed a relaxation of two years for Ph.D Programme in the maximum duration. The women candidates may avail Maternity Leave/Child care Leave once in the entire duration of Ph.D Programme upto 240 days with the permission of the Chairman, Doctoral Committee.

h) In your case, four/five copies of the thesis along with a C.D. in PDF format (containing the Synopsis and the Thesis) be submitted and one copy be retained by you as a reference copy.

i) At the time of submission of thesis, a certificate in the prescribed form furnished by your Supervisor(s) will have to be pasted on all the copies of the thesis.

j) The registration granted under this letter will remain valid for six years from the date of registration. In the event of failure of submission of the thesis within the stipulated period, re-registration may be sought for and the same may be granted after observing all the formalities required in this behalf and on the receipt of the prescribed fee(s). Application for re-registration may be sought within the stipulated period i.e. within six years.

k) The registration granted herein may be cancelled by the concerned authority/ body of the University in the event of failure of the candidate to fulfill any of the prescribed requirements at any stage.

l) Residential requirements should be fulfilled and maintained.

m) While submitting for evaluation, the thesis shall contain an undertaking from the research scholar and a certificate from the research Supervisor(s) attesting to the Originality of the work, vouching that there is no Plagiarism and that the work has not been submitted for the award of any other degree/diploma of the University or to any other institution.

n) You will be required to submit six typed copies of Synopsis/Abstract of the thesis (not exceeding ten pages) along with the certificate mentioned in Clause (l) above and a certificate of delivering Seminar talk(s) and the Clearance Certificate from the Librarian of the Central Library, Burdwan University at the time of submission of thesis.

Yours faithfully,

Chatterjee

In Charge

Research Section

No. R/Ph.D./Regn./ sc/Enw. sc/63/1(4)

Dated: 26.06.2023

Copy forwarded for information to:

1) The Head of the Department of Environmental Science, B.U.

2) Supervisor(s) of the candidate: 1) Prof. Naba Kumar Mondal, Dept. of Environmental Science, B.U.

3) The Secretary, Faculty Council for P.G. Studies in Science B.U.

4) The Finance Officer, B.U.

Chatterjee

In Charge

Research Section

etc

Dr. Arijit Chatterjee

The University of Burdwan

Rajbati, Burdwan- 713104, W.B

M-9434740604

Director III@buruniv.ac.in

Item no. 13



Dr. Arijit Chatterjee

Joint Director - Lifelong Learning & In Charge - Research Section



The University of Burdwan

Rajbati, Burdwan- 713104, W.B

M-9434740604

E-mail : jtdirector_III@buruniv.ac.in

Item no. 13

No.R-Ph.D./Regn. /SC / E.N.S.C / 61

To:

Mr. Rajesh Koley
C/O- Prof. Naba Kumar Mondal,
Dept. of Environmental Science, B.U.

Dated: 26.06.2023

423

Under UGC's New Regulation - 2016

Sub: Grant of Registration as a candidate for Ph.D. degree in Environmental Science with effect from 07.09.2021

Sir/Madam,

I am to inform you that the Faculty Council for P.G. Studies in Arts/ Science at its meeting held on 06.06.2023 permitted you to get yourself registered as a candidate for Ph.D. degree, mentioned above, the title of your thesis being, "SYNTHESIS OF CALCIUM OXIDE NANOPARTICLES FROM DIFFERENT NATURAL WASTES AND THEIR AMELIORATIVE EFFECTS TOWARDS FLUORIDE STRESS IN RICE (ORYZA SATIVA L.)" Subject to fulfillment of the requirements set forth in the University Ordinances relating to Doctoral Degrees and such terms and conditions as may be laid down by the appropriate authorities of the University from time to time.

You will now be required to deposit the Ph.D. Registration fee of Rs. 8,000/- (Eight thousand only) for enrolment of your name in the Register of candidates for Ph.D. degree, positively within a month from the date of issue of this letter, failing which your case will not be considered for Registration as a Ph.D. candidate and the relevant copy of the cash receipt should be submitted to the Ph.D Unit.

In this connection you are requested to note that ---

a) You have been permitted to do research work under Prof. Naba Kumar Mondal, Dept. of Environmental Science, B.U. as your Supervisor / Co-Supervisors.

b) You will be required to get yourself registered as a student of this University on migration after completing all the necessary formalities prescribed in this behalf, unless you are already a registered student of this University.

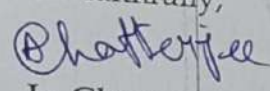
c) You will be required to deliver one seminar talk before submission of the thesis pertaining to the project of your research you have undertaken within the period of your research work and before submission of the thesis.

d) i) You will have to published at least one research paper related to your research work in a referred journal / peer reviewed journal and ii) Make two presentation in Conference/Seminar before submission of the thesis and produce evidence for the same in the form of acceptance letter / reprint / certificate of presentation as applicable at the time of submission of your thesis.

e) You will have to submit your thesis within six years from the date of your registration for Ph.D. degree mentioned above, but not earlier than 07.09.2024 (three years including course work) in the prescribed manner along with the fee of Rs. 8,000/- (Eight thousand only) or as may be fixed by the Executive Council from time to time towards submission of thesis.

M.A./M.Sc./M. Com.	The University of Burdwan	1st	Zoology, Chemistry	581	72.625
M.Tech./M.D. 2016			Botany	936	78
Others					

- f) i) You will be required to appear before Research Advisory Committee once in six months to make presentation of the progress of his/her work for evaluation and further guidance. This six-monthly report shall be submitted by the Research Advisory Committee to the Board of Research Studies with a copy to research scholar.
- ii) In case the progress of the research scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend to the Faculty Council for Board of Research Studies concerned through the Board of Research Studies with specific reasons for cancellation of registration of the research scholar.
- g) The women candidate & persons with disability (More than 40%) may be allowed a relaxation of two years for Ph.D Programme in the maximum duration. The women candidates may avail Maternity Leave/Care Leave once in the entire duration of Ph.D Programme upto 240 days with the permission of Chairman, Doctoral Committee.
- h) In your case, four/five copies of the thesis along with a C.D. in PDF format (containing the Synopsis of the Thesis) be submitted and one copy be retained by you as a reference copy.
- i) At the time of submission of thesis, a certificate in the prescribed form furnished by your Supervisor(s) have to be pasted on all the copies of the thesis.
- j) The registration granted under this letter will remain valid for six years from the date of registration. In the event of failure of submission of the thesis within the stipulated period, re-registration may be sought and the same may be granted after observing all the formalities required in this behalf and on the receipt of the prescribed fee(s). Application for re-registration may be sought within the stipulated period i.e. within six years.
- k) The registration granted herein may be cancelled by the concerned authority/ body of the University in the event of failure of the candidate to fulfill any of the prescribed requirements at any stage.
- l) Residential requirements should be fulfilled and maintained.
- m) While submitting for evaluation, the thesis shall contain an undertaking from the research scholar and certificate from the research Supervisor(s) attesting to the Originality of the work, vouching that there is no Plagiarism and that the work has not been submitted for the award of any other degree/diploma of any University or to any other institution.
- n) You will be required to submit six typed copies of Synopsis/Abstract of the thesis (not exceeding 10 pages) along with the certificate mentioned in Clause(l) above and a certificate of delivering Seminar talk and the Clearance Certificate from the Librarian of the Central Library, Burdwan University at the time of submission of thesis.

Yours faithfully,


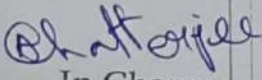
In Charge
 Research Section

No. R/Ph.D./Regn./ *Sc/Ew.s/61/1(4)*

Dated: *26.06.2013*

Copy forwarded for information to:

- 1) The Head of the Department of Environmental Science, B.U.
- 2) Supervisor(s) of the candidate: 1) Prof. Naba Kumar Mondal, Dept. of Environmental Science, B.U.
- 3) The Secretary, Faculty Council for P.G. Studies in Science B.U.
- 4) The Finance Officer, B.U.


 In Charge
 Research Section

OTC

Dr. Arijit Chatterjee

Joint Director - Lifelong Learning
&
In Charge - Research Section



The University of Burdwan

Rajbati, Burdwan- 713104, W.B

M-9434740604

E-mail : jtdirector_III@buruniv.ac.in

Dated: 26.06.2023

Under UGC's New
Regulation - 2016

No.R-Ph.D./Regn. /sc / Env. sc / 62

To:
Ms. Sucharita Saha
C/O- Prof. Srimanta Gupta,
Dept. of Environmental Science, B.U.

426

Sub: Grant of Registration as a candidate for Ph.D. degree in Environmental Science
with effect from 17.09.2021

Sir/Madam,

I am to inform you that the Faculty Council for P.G. Studies in Arts/ Science at its meeting held on 06.06.2023 permitted you to get yourself registered as a candidate for Ph.D. degree, mentioned above, the title of your thesis being, "GEOSPATIAL APPRAISAL OF CROP WATER DEMAND AND WATER RESOURCE MANAGEMENT FOR AGRO-ECOLOGICAL SUSTAINABILITY ASSESSMENT OF MAJOR CROPS OF SOUTHERN PART OF WEST BENGAL, INDIA" Subject to fulfillment of the requirements set forth in the University Ordinances relating to Doctoral Degrees and such terms and conditions as may be laid down by the appropriate authorities of the University from time to time.

You will now be required to deposit the Ph.D. Registration fee of Rs. 8,000/- (Eight thousand only) for enrolment of your name in the Register of candidates for Ph.D. degree, positively within a month from the date of issue of this letter, failing which your case will not be considered for Registration as a Ph.D. candidate and the relevant copy of the cash receipt should be submitted to the Ph.D Unit.

In this connection you are requested to note that ---

- You have been permitted to do research work under Prof. Srimanta Gupta, Dept. of Environmental Science, B.U. & Prof. Biplob Biswas, Dept. of Geography, BU (Co-supervisor) as your Supervisor / Co-Supervisors.
- You will be required to get yourself registered as a student of this University on migration after completing all the necessary formalities prescribed in this behalf, unless you are already a registered student of this University.
- You will be required to deliver one seminar talk before submission of the thesis pertaining to the project of your research you have undertaken within the period of your research work and before submission of the thesis.
- i) You will have to published at least one research paper related to your research work in a referred journal / peer reviewed journal and ii) Make two presentation in Conference/Seminar before submission of the thesis and produce evidence for the same in the form of acceptance letter / reprint / certificate of presentation as applicable at the time of submission of your thesis.
- You will have to submit your thesis within six years from the date of your registration for Ph.D. degree mentioned above, but not earlier than 17.09.2024 (three years including course work) in the prescribed manner along with the fee of Rs. 8,000/- (Eight thousand only) or as may be fixed by the Executive Council from time to time towards submission of thesis.

2017 B.E./M.B.B.S.	(THE UNIVERSITY OF BURDWAN)	2nd		462	57.75 %
M.A./M.Sc./M. Com.	THE UNIVERSITY OF BURDWAN	1st	GEOSPATIAL SCIENCE	8.01 (CGPA)	75.1 %
2019 M.Tech./M.D.					
Others					

- f) i) You will be required to appear before Research Advisory Committee once in six months to presentation of the progress of his/her work for evaluation and further guidance. This six-monthly shall be submitted by the Research Advisory Committee to the Board of Research Studies with a copy research scholar.
- ii) In case the progress of the research scholar is unsatisfactory, the Research Advisory Committee record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend to the Faculty Council for Studies concerned through the Board of Research Studies with specific reasons for cancellation of registration of the research scholar.
- g) The women candidate & persons with disability (More than 40%) may be allowed a relaxation of two years for Ph.D Programme in the maximum duration. The women candidates may avail Maternity Leave/Child care Leave once in the entire duration of Ph.D Programme upto 240 days with the permission of the Chairman, Doctoral Committee.
- h) In your case, *four/five copies* of the thesis along with a *C.D. in PDF format* (containing the Synopsis and the Thesis) be submitted and one copy be retained by you as a reference copy.
- i) At the time of submission of thesis, a certificate in the prescribed form furnished by your Supervisor(s) will have to be pasted on all the copies of the thesis.
- j) The registration granted under this letter will remain valid for six years from the date of registration. In the event of failure of submission of the thesis within the stipulated period, re-registration may be sought for and the same may be granted after observing all the formalities required in this behalf and on the receipt of the prescribed fee(s). Application for re-registration may be sought within the stipulated period i.e. within six years.
- k) The registration granted herein may be cancelled by the concerned authority/ body of the University in the event of failure of the candidate to fulfill any of the prescribed requirements at any stage.
- l) Residential requirements should be fulfilled and maintained.
- m) While submitting for evaluation, the thesis shall contain an undertaking from the research scholar and a certificate from the research Supervisor(s) attesting to the Originality of the work, vouching that there is no Plagiarism and that the work has not been submitted for the award of any other degree/diploma of the University or to any other institution.
- n) You will be required to submit six typed copies of Synopsis/ Abstract of the thesis (not exceeding ten pages) along with the certificate mentioned in Clause(l) above and a certificate of delivering Seminar talk(s) and the Clearance Certificate from the Librarian of the Central Library, Burdwan University at the time of submission of thesis.

Yours faithfully,

Shatterjee

In Charge
Research Section

No. R/Ph.D./Regn./ *SC/Ewr. cc/6211(4)*

Dated: *26.06.2023*

Copy forwarded for information to:

- 1) The Head of the Department of Environmental Science, B.U.
- 2) Supervisor(s) of the candidate: 1) Prof. Srimanta Gupta, Dept. of Environmental Science, B.U.
2) Prof. Biplob Biswas, Dept. of Geography, BU (Co-supervisor)
- 3) The Secretary, Faculty Council for P.G. Studies in Science B.U.
- 4) The Finance Officer, B.U.

Shatterjee

In Charge
Research Section

opc

Chatterjee

Director - Lifelong Learning

Director - Research Section



The University of Burdwan

Rajbati, Burdwan-713104, W.B

M-9434740604

E-mail : jtdirector_III@buruniv.ac.in

R-Ph.D./Regn./Env. Sc/E-180

SL. NO. 427

Dated: 14.06.2024

To:

Sri Sugata Das

C/O- Prof. Apurba Ratan Ghosh,

Dept. of Environmental Science, B.U.

UNDER UGC's
REGULATION 2016

Sub: Grant of Registration as a candidate for Ph.D. degree in **Environmental Science** with effect from **01.06.2022**

Sir/Madam,

I am to inform you that the Faculty Council for P.G. Studies in Arts/ Science at its meeting held on **02.05.2024** permitted you to get yourself registered as a candidate for Ph.D. degree, mentioned above, the title of your thesis being, "**APPLICATION OF BIOCHAR AND MACROPHYTE JUSSIAEA REPENS L.(1753) FOR REMOVAL OF CADMIUM INTOXICATION FROM AN AIR-BREATHING TELEOST HETEROPNEUSTES FOSSILIS(BLOCH,1794)**" Subject to fulfillment of the requirements set forth in the University Ordinances relating to Doctoral Degrees and such terms and conditions as may be laid down by the appropriate authorities of the University from time to time.

You will now be required to deposit the Ph.D. Registration fee of **Rs. 8,000/- (Eight thousand only)** for enrolment of your name in the Register of candidates for Ph.D. degree, **positively within a month from the date of issue of this letter**, failing which your case will not be considered for Registration as a Ph.D. candidate and **the relevant copy of the cash receipt should be submitted to the Ph.D Unit.**

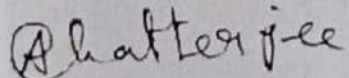
In this connection you are requested to note that ---

- a) You have been permitted to do research work under **Prof. Apurba Ratan Ghosh, Dept. of Environmental Science, B.U.** as your Supervisor / Co- Supervisors.
- b) You will be **required to get yourself registered as a student of this University** on migration after completing all the necessary formalities prescribed in this behalf, unless you are already a registered student of this University.
- c) You will be **required to deliver one seminar talk before submission of the thesis** pertaining to the project of your research you have undertaken within the period of your research work and before submission of the thesis.
- d) i) You will have to **publish at least one research paper related to your research work** in a referred journal peer reviewed journal and ii) Make two presentation in Conference/Seminar before submission of the thesis and produce evidence for the same in the form of acceptance letter / reprint /certificate of presentation as applicable at the time of submission of your thesis.
- e) You will have to **submit your thesis within six years from the date of your registration** for Ph.D. degree mentioned above, but **not earlier than 01.06.2025 (three years including course work)** in the prescribed manner along with the fee of **Rs. 8,000/- (Eight thousand only)** or as may be fixed by the Executive Council from time to time towards submission of thesis.

M.A./M.Sc./M. Com.	THE UNIVERSITY OF BURDWAN			100	50
M.Tech./M.D.		I st	ENVIRONMENTAL SCIENCE	984	82
Others					

- f) i) You will be required to appear before **Research Advisory Committee** once in six months to make a presentation progress of his/her work for evaluation and further guidance. This six-monthly report shall be submitted by the Research Advisory Committee to the Board of Research Studies with a copy to the research scholar.
- ii) In case the progress of the research scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend to the Faculty Council for PG Studies concerned through the Board of Research Studies with specific reasons for cancellation of the registration of the research scholar.
- g) The women candidate & persons with disability (More than 40%) may be allowed a relaxation of two years for Ph.D Programme in the maximum duration. The women candidates may avail **Maternity Leave/Child care Leave once in the entire duration of Ph.D Programme upto 240 days** with the permission of the Chairman, Doctoral Committee.
- h) In your case, *four/five copies* of the thesis along with a **C.D. in PDF format** (containing the Synopsis and the Thesis) be submitted and one copy be retained by you as a reference copy.
- i) At the time of submission of thesis, a certificate in the prescribed form furnished by your Supervisor(s) will have to be pasted on all the copies of the thesis.
- j) **The registration granted under this letter will remain valid for six years from the date of registration.** In the event of failure of submission of the thesis within the stipulated period, re-registration may be sought for and the same may be granted after observing all the formalities required in this behalf and on the receipt of the prescribed fee(s). Application for **re-registration may be sought within the stipulated period i.e. within six years.**
- k) The registration granted herein may be cancelled by the concerned authority/ body of the University in the event of failure of the candidate to fulfill any of the prescribed requirements at any stage.
- l) Residential requirements should be fulfilled and maintained.
- m) While submitting for evaluation, the thesis shall contain an undertaking from the research scholar and a certificate from the research Supervisor(s) attesting to the **Originality of the work, vouching that there is no Plagiarism and that the work has not been submitted for the award of any other degree/diploma of the University or to any other institution.**
- n) You will be required to submit six typed copies of Synopsis/Abstract of the thesis (not exceeding ten pages) along with the certificate mentioned in Clause(l) above and a certificate of delivering Seminar talk(s) and the Clearance Certificate from the Librarian of the Central Library, Burdwan University at the time of submission of thesis.

Yours faithfully,



In Charge
Research Section

Copy forwarded for information to:

- 1) The Head of the Department of **Environmental Science, B.U.**
- 2) Supervisor(s) of the candidate: **Prof. Apurba Ratan Ghosh, Dept. of Environmental Science, B.U.**
- 3) The Senior Secretary, Faculty Council for P.G. Studies in **Science, B.U.**
- 4) The Finance Officer, B.U.

Chatterjee

Arijit Chatterjee

Director - Lifelong Learning



The University of Burdwan
Rajbati, Burdwan-713104, W.B
M-9434740604
E-mail: itdirector_III@buruniv.ac.in

Mem. No. 13

The University of Burdwan
Rajbati, Burdwan-713104, W.B
M-9434740604

E-mail: itdirector_III@buruniv.ac.in

Dated: 26.06.2023

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Ph.D.

Dr. Arijit Chatterjee

Joint Director - Lifelong Learning

&
In Charge - Research Section

No.R-Ph.D./Reg./SC/Env.Sc/59



The University of Burdwan

Rajbati, Burdwan-713104, W.B

M-9434740604

E-mail: itdirector_III@buruniv.ac.in

Dated: 26.06.2023

Mem. No. 15

429

Under UGC's New
Regulation - 2016

To:

Mr. Subhadeep Mitra
C/O- Prof. Srimanta Gupta,
Dept. of Environmental Science, B.U.

Sub: Grant of Registration as a candidate for Ph.D. degree in Environmental Science
with effect from 09.09.2021

Sir/Madam,

I am to inform you that the Faculty Council for P.G. Studies in Arts/ Science at its meeting held on 06.06.2023 permitted you to get yourself registered as a candidate for Ph.D. degree, mentioned above, the title of your thesis being, "MEDICAL GEOLOGY OF URANIUM CONTAMINATION IN DIFFERENT MATRICES OF UPPER CATCHMENT AREA OF SUBARNAREKHA RIVER BASIN, JHARKHAND, INDIA" Subject to fulfillment of the requirements set forth in the University Ordinances relating to Doctoral Degrees and such terms and conditions as may be laid down by the appropriate authorities of the University from time to time.

You will now be required to deposit the Ph.D. Registration fee of Rs. 8,000/- (Eight thousand only) for enrolment of your name in the Register of candidates for Ph.D. degree, positively within a month from the date of issue of this letter, failing which your case will not be considered for Registration as a Ph.D. candidate and the relevant copy of the cash receipt should be submitted to the Ph.D Unit.

In this connection you are requested to note that ---

- You have been permitted to do research work under Prof. Srimanta Gupta, Dept. of Environmental Science, B.U. & Dr. Anadi Gayen, Regional Director (ER), CGWB, Salt Lake, Kolkata (Co-supervisor) as your Supervisor / Co-Supervisors.
- You will be required to get yourself registered as a student of this University on migration after completing all the necessary formalities prescribed in this behalf, unless you are already a registered student of this University.
- You will be required to deliver one seminar talk before submission of the thesis pertaining to the project of your research you have undertaken within the period of your research work and before submission of the thesis.
- i) You will have to published at least one research paper related to your research work in a referred journal / peer reviewed journal and ii) Make two presentation in Conference/Seminar before submission of the thesis and produce evidence for the same in the form of acceptance letter / reprint / certificate of presentation as applicable at the time of submission of your thesis.
- You will have to submit your thesis within six years from the date of your registration for Ph.D. degree mentioned above, but not earlier than 09.09.2024 (three years including course work) in the prescribed manner along with the fee of Rs. 8,000/- (Eight thousand only) or as may be fixed by the Executive Council from time to time towards submission of thesis.

M.A./M.Sc./M. Com. M.Tech./M.D.(2018)	THE UNIVERSITY OF BURDWAN	1st	Environ- mental Science	8.64 (CGPA)	81.4%
Others					

f) i) You will be required to appear before Research Advisory Committee once in six months to make presentation of the progress of his/her work for evaluation and further guidance. This six-monthly report shall be submitted by the Research Advisory Committee to the Board of Research Studies with a copy to research scholar.

ii) In case the progress of the research scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the Research Advisory Committee may recommend to the Faculty Council for P.G. Studies concerned through the Board of Research Studies with specific reasons for cancellation of the registration of the research scholar.

g) The women candidate & persons with disability (More than 40%) may be allowed a relaxation of two years for Ph.D Programme in the maximum duration. The women candidates may avail Maternity Leave/Child care Leave once in the entire duration of Ph.D Programme upto 240 days with the permission of the Chairman, Doctoral Committee.

h) In your case, four/five copies of the thesis along with a C.D. in PDF format (containing the Synopsis and the Thesis) be submitted and one copy be retained by you as a reference copy.

i) At the time of submission of thesis, a certificate in the prescribed form furnished by your Supervisor(s) will have to be pasted on all the copies of the thesis.

j) The registration granted under this letter will remain valid for six years from the date of registration. In the event of failure of submission of the thesis within the stipulated period, re-registration may be sought for and the same may be granted after observing all the formalities required in this behalf and on the receipt of the prescribed fee(s). Application for re-registration may be sought within the stipulated period i.e. within six years.

k) The registration granted herein may be cancelled by the concerned authority/ body of the University in the event of failure of the candidate to fulfill any of the prescribed requirements at any stage.

l) Residential requirements should be fulfilled and maintained.

m) While submitting for evaluation, the thesis shall contain an undertaking from the research scholar and a certificate from the research Supervisor(s) attesting to the Originality of the work, vouching that there is no Plagiarism and that the work has not been submitted for the award of any other degree/diploma of the University or to any other institution.

n) You will be required to submit six typed copies of Synopsis/ Abstract of the thesis (not exceeding ten pages) along with the certificate mentioned in Clause (l) above and a certificate of delivering Seminar talk(s) and the Clearance Certificate from the Librarian of the Central Library, Burdwan University at the time of submission of thesis.

Yours faithfully,

Bhatterjee

In Charge

Research Section

No. R/Ph.D./Regn./ 5c/Ew. 59/1(4)

Dated: 26.06.2023

Copy forwarded for information to:

- 1) The Head of the Department of Environmental Science, B.U.
- 2) Supervisor(s) of the candidate: 1) Prof. Srimanta Gupta, Dept. of Environmental Science, B.U.
2) Dr. Anadi Gayen, Regional Director (ER), CGWB, Salt Lake, Kolkata (Co-supervisor)
- 3) The Secretary, Faculty Council for P.G. Studies in Science B.U.
- 4) The Finance Officer, B.U.

Bhatterjee

In Charge

Research Section

DL

The University of Burdwan

Rajbati, Burdwan- 713104, W.B

M-9434740604
Director: lll@buruniv.ac.in



Dr. Arijit Chatterjee

Joint Director - Lifelong Learning

&
In Charge - Research Section



The University of Burdwan

Rajbati, Burdwan- 713104, W.B

M-9434740604

E-mail: jtdirector_lll@buruniv.ac.in

No.R-Ph.D./Regn. / Sc / Em. Sc / 58

Dated: 26.06.2023

Under UGC's New
Regulation - 2016

To:
Ms. Tanumita Pan
C/O- Prof. Srimanta Gupta,
Dept. of Environmental Science, B.U.

430

Sub: Grant of Registration as a candidate for Ph.D. degree in Environmental Science
with effect from 09.09.2021

Sir/Madam,

I am to inform you that the Faculty Council for P.G. Studies in Arts/ Science at its meeting held on 06.06.2023 permitted you to get yourself registered as a candidate for Ph.D. degree, mentioned above, the title of your thesis being, "MEDICAL GEOLOGICAL APPRAISAL OF FLUORIDE CONTAMINATION IN GROUNDWATER OF SOUTH DINAJPUR DISTRICT, WEST BENGAL WITH THE DEVELOPMENT OF A MAGNETIC NANO-MATERIAL BASED DEFLUORIDATION TECHNIQUE" Subject to fulfillment of the requirements set forth in the University Ordinances relating to Doctoral Degrees and such terms and conditions as may be laid down by the appropriate authorities of the University from time to time.

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In this connection you are requested to note that ---

- You have been permitted to do research work under Prof. Srimanta Gupta, Dept. of Environmental Science, B.U. & Prof. Rama Ranjan Bhattacharjee, Dept. of Chemistry, Sister Nivedita University, Kolkata (Co-supervisor) as your Supervisor / Co-Supervisors.
- You will be required to get yourself registered as a student of this University on migration after completing all the necessary formalities prescribed in this behalf, unless you are already a registered student of this University.
- You will be required to deliver one seminar talk before submission of the thesis pertaining to the project of your research you have undertaken within the period of your research work and before submission of the thesis.
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- You will have to submit your thesis within six years from the date of your registration for Ph.D. degree mentioned above, but not earlier than 09.09.2024 (three years including course work) in the prescribed manner along with the fee of Rs. 8,000/- (Eight thousand only) or as may be fixed by the Executive Council from time to time towards submission of thesis.

M.A./M.Sc./M. Com.	THE UNIVERSITY OF BURDUAN	1st	ENVIRONMENTAL SCIENCE	8:93	84.3
M.Tech./M.D. 2020			(CAPA)		
Others					

f) i) You will be required to appear before Research Advisory Committee once in six months to presentation of the progress of his/her work for evaluation and further guidance. This six-monthly shall be submitted by the Research Advisory Committee to the Board of Research Studies with a copy to research scholar.

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k) The registration granted herein may be cancelled by the concerned authority/ body of the University in the event of failure of the candidate to fulfill any of the prescribed requirements at any stage.

l) Residential requirements should be fulfilled and maintained.

m) While submitting for evaluation, the thesis shall contain an undertaking from the research scholar and a certificate from the research Supervisor(s) attesting to the Originality of the work, vouching that there is no Plagiarism and that the work has not been submitted for the award of any other degree/diploma of the University or to any other institution.

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Yours faithfully,

Chatterjee

In Charge
Research Section

No. R/Ph.D./Regn./ *sc/Env.sc/5891(4)*

Dated: *26.06.2023*

Copy forwarded for information to:

- 1) The Head of the Department of Environmental Science, B.U.
- 2) Supervisor(s) of the candidate:
 - 1) Prof. Srimanta Gupta, Dept. of Environmental Science, B.U.
 - 2) Prof. Rama Ranjan Bhattacharjee, Dept. of Chemistry, Sister Nivedita University, Kolkata (Co-supervisor)
- 3) The Secretary, Faculty Council for P.G. Studies in Science B.U.
- 4) The Finance Officer, B.U.

Chatterjee

In Charge
Research Section

OTC

Dr. Arijit Chatterjee

Joint Director - Lifelong Learning

&
In Charge - Research Section



The University of Burdwan

Rajbati, Burdwan- 713104, W.B

M-9434740604

E-mail : jtdirector_III@buruniv.ac.in

Dated: 26.06.2023

Under UGC's New
Regulation - 2016

No.R-Ph.D./Regn. /SC / Ew.sc / 64

To:

Ms. Tulika Saha

C/O- Prof. Apurba Ratan Ghosh,

Dept. of Environmental Science, B.U.

431

Sub: Grant of Registration as a candidate for Ph.D. degree in Environmental Science
with effect from 09.09.2021

Sir/Madam,

I am to inform you that the Faculty Council for P.G. Studies in Arts/ Science at its meeting held on 06.06.2023 permitted you to get yourself registered as a candidate for Ph.D. degree, mentioned above, the title of your thesis being , "MICROPLASTICS CONTAMINATION AND THEIR EFFECTS ON FRESHWATER FISH UNDER LABORATORY CONDITION" Subject to fulfillment of the requirements set forth in the University Ordinances relating to Doctoral Degrees and such terms and conditions as may be laid down by the appropriate authorities of the University from time to time.

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In this connection you are requested to note that ---

a) You have been permitted to do research work under Prof. Apurba Ratan Ghosh, Dept. of Environmental Science, B.U & Prof. Goutam Saha, Dept. of Agril. Meteorology & Physics, BCKV, Mohanpur (Co-supervisor) as your Supervisor / Co-Supervisors.

b) You will be required to get yourself registered as a student of this University on migration after completing all the necessary formalities prescribed in this behalf, unless you are already a registered student of this University.

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Others

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Yours faithfully,

Bhatterjee

In Charge
Research Section

No. R/Ph.D./Regn./ SC/Em. s/84/1(4)

Dated: 26.06.2023

Copy forwarded for information to:

- 1) The Head of the Department of Environmental Science, B.U.
- 2) Supervisor(s) of the candidate: 1) Prof. Apurba Ratan Ghosh, Dept. of Environmental Science, B.U.
2) Prof. Goutam Saha, Dept. of Agril. Meteorology & Physics, BCKV, Mohanpur (Co-supervisor)
- 3) The Secretary, Faculty Council for P.G. Studies in Science B.U.
- 4) The Finance Officer, B.U.

Bhatterjee
In Charge
Research Section

etc