



Estd. 1917

**PATNA UNIVERSITY**

NAAC Accredited B+ Grade

Letter No. Acad./- 717

Dated 14-09-24

To  
The Dean  
Faculty of Science  
Patna University, Patna

Subject: Regarding Ph.D. Registration / admission

Sir

I am directed to inform you that the Post Graduate Research Council (Faculty of Science) at its meeting held on **04-09-2024** considered the applications duly recommended by the Departmental Council after their successful completion of Ph.D. Course Work and after following the procedure laid down in Uniform Ordinance and Regulations governing award of Ph.D Degree by the Universities of Bihar approved vide letter memo no. BSU-05/2010-2684/GS (I) dated 21.09.2017 and resolved to approve the applications of the candidates submitted for Ph.D Registration as per details mentioned in **Annexure II** with the following terms and conditions:-

- The Registration /Admission in Ph.D. programme is subject to the condition that the Reservation rules of the State Government on the vacant seats declared at the time of the admission notice has been followed by the Department concerned while recommending the proposals to the PGRC of the concerned Faculties.
- The candidates fulfil the eligibility criteria and have successfully completed the Course Work.
- Fee Structure

(i) The candidate will have to deposit **online Ph.D.Registration fee of Rs. 2000/- (Two thousand) only** (\$ 100 for NRI and Foreigners) latest by **14<sup>th</sup> October 2024** (the Candidate should submit the photocopy of the **Ph.D registration receipt** to concerned Supervisor and Supervisor will forward that receipt to

**Head of the Department for record.)** failing which he/she will have to apply afresh for Ph.D registration for the next session.

- (ii) The Non-Resident Indians and Foreigners will have to pay an annual fee (per year) \$1500 for the course.
- (iii) The candidate will have to deposit Rs.8000/- (Eight thousand) only (\$1500 for NRI and Foreigners) at the time of submission of thesis as per the decision of the Finance Committee at its meeting held on 07-01-2022

**d. After submission of the Ph.D. online Registration / admission fee, the candidate if migrated from other University will have to submit migration certificate alongwith the online University Registration fee of Rs.500/- only latest by 20<sup>th</sup> October 2024 (the Candidate should submit the photocopy of the University registration receipt to concerned Supervisor and Supervisor will forward that receipt to Head of the Department for record.)** failing which he / she ceased to be the student of Patna University and will not be able to continue his / her Research activities. However, he / she may be able to get himself / herself registered after payment of Rs.1000/- per year in addition to the University Registration fee.

e The Supervisor must fulfill the criteria laid down in clause 9.1 and 9.2 of the Uniform Ordinance and Regulations governing award of Ph.D Degree by the Universities of Bihar.

f Prior to the submission of the dissertation/thesis, the scholar shall make presentation before the Departmental Council which shall be open to all faculty members and other research scholars. The feedback and comments obtained from them may be suitably incorporated into the draft dissertation/thesis in consultation with the Supervisor.

g While submitting for evaluation, the dissertation/thesis shall have an undertaking from the research scholar, certifying that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out, or to any other Institution. Certificate from the Research Supervisor attesting to the originality of the work shall also be attached to the thesis.

h The open *viva-voce* of the research scholar to defend the dissertation/thesis shall be conducted only if the evaluation reports of both the external examiners on the

dissertation/thesis is/are satisfactory and include a specific recommendation for conducting the *viva-voce*.

i The period of a candidate's studentship shall be counted from the date of the First fee receipt of the Ph.D. Course work provided he/she has successfully completed the Course work in the first attempt.

j Continuance of registration of candidate in the Ph.D. programme shall depend on his/her satisfactory progress and good conduct. The University reserves the right to cancel the registration of any candidate in the event of his/ her conduct and progress being found unsatisfactory or hiding of facts etc. on the recommendation of the supervisor and / or Head / Dean/ Departmental Council

k In case the progress of the research scholar is unsatisfactory, the Departmental Council shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, the DRC may recommend to the Faculty Dean with specific reasons for cancellation of the registration of the research scholar.

l A candidate registered for the Ph.D. Degree shall be required to pursue his / her research at the approved Department of the University under the supervisor and on the topic approved continuously for not less than **Three Years** and a maximum of **Six Years** including Course Work duration of One Semester (Six Months).

m The **women** candidates and **Persons with Disability** having more than 40% disability may be allowed a **relaxation of two years for Ph.D. in the maximum duration.**

n In addition, the women candidates may be provided Maternity Leave / Child Care Leave once in the entire duration of Ph.D. for up to 240 days within the residency period.

o The Vice-Chancellor, on the recommendation of the Supervisor, the Head of the Department, and the Dean, grant permission to a candidate to reside outside for the purpose of collection of research material for his/her thesis or doing experimental research work for a total period of not more than one year provided that such exemption shall not be granted in the first six months after approval of the Ph.D. Synopsis.

p A candidate may be permitted to minor changes in the title of his/ her thesis by the PGRC on recommendations from the Supervisor and the Departmental Council latest by six months before the submission of his/ her thesis.

q In case of major modifications / topic change, the candidate shall be treated as afresh case and shall not be allowed to submit the thesis before Thirty Six months.

r In case, a candidate fails to submit his/ her thesis within six calendar years from the date of Registration (Studentship period including course work), he/she shall cease to be *regular* student of the University and shall not be entitled to the rights and facilities extended to a regular student. Provided that such a candidate may,

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under special circumstances be permitted by the Vice-Chancellor, on collective recommendations of the supervisor, the Head of Department and the Dean of the Faculty concerned, to submit his/ her thesis within a maximum period of Eight years including the Six years period of his/her studentship.

s A candidate submitting his/her thesis after the expiry of Six years period shall have to pay additional fee as decided by the University.

t The registration of the candidate who does not submit his/ her thesis within Eight years from the date of his/ her studentship shall be deemed to be canceled automatically. However, in case the student wishes to continue the research, he/she will have to apply to the Vice Chancellor for fresh registration through the Supervisor/ Head/ Dean. In all such cases, the candidate has to apply for fresh Registration within the preceding Six months of the Eight Year period. The thesis must be submitted within one year of fresh registration. The candidate would not be further given any extension for submission of the thesis under whatsoever condition.

u The research student shall publish at least **One research paper** in refereed journal or in any of the journals approved by the UGC and present at least 2 research papers in seminars/ conferences before the submission of the thesis for evaluation and produce evidence for the same in the form of acceptance letter/ reprint and paper presentation certificate as the case may be.

v When the thesis is ready for submission, the student shall inform the Head of the Department through Supervisor, regarding completion of the research work embodied in the synopsis one month before expected date of submission.

w The thesis should embody original work, not published or submitted earlier except in the form of research publications.

x The thesis must comply with the following conditions:-

- (i) It must be a piece of research work characterized either by the discovery of factor theory. In either case it should reflect the candidate's capacity for critical examination and sound judgment. The candidate shall communicate, how far the thesis embodies the result of candidate's own observations and in what respects his investigations may advance knowledge in the subject.
- (ii) The thesis shall be accompanied by two separate certificates as given below and should be duly signed:
- (iii) Self declaration certificate from the candidate and Certificate from the Supervisor / Co-Supervisors (**Annexure – A**).
- (iv) Certificate for the successful completion of course work by the Head of the Department (**Annexure – B**).
- (v) Five copies of the thesis shall be submitted in compact bound form along with a soft copy (CD/ DVD). Along with the thesis, 5 copies of

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the Summary should also be submitted. The medium of expression in every thesis shall be either English or Hindi (written in Devanagri Script) except in the case of subject connected with any of the oriental languages where the thesis can be presented in that language.

y The final thesis shall be presented in accordance with the following specifications:

- (vi) The paper used for printing shall be of good quality A-4 size paper.
- (vii) Printing shall be in a standardized form on both the sides of the paper and in 1.5 spacing.
- (viii) A margin of about 2.5 cm shall be on all sides excluding the margin required for binding.
- (ix) The preferred font of the thesis shall be Times New Roman of font size 12 pt in case of English. For Hindi (written in Devanagri Script) and in the case of subject connected with any of the oriental languages the font may be different but comparable.
- (x) The front cover and back cover should be of cardboard of reasonable thickness.
- (xi) The Title of the thesis, name of the candidate, degree, Name of the Supervisor, place of research with seal and the month and year of submission shall be printed on the Title page and the front cover.

z The candidates will have to submit copies of 'no dues' certificate issued by the Department concerned and the Patna University Library, P.U. prior to submission of Ph.D thesis.

aa Ph.D programme is a full time course. Candidates who are in employment will have to submit 'No objection' from his/her employer and will remain on leave from his office for the required period.

bb The provision mentioned in Uniform Ordinance and Regulations governing award of Ph.D Degree by the Universities of Bihar approved vide letter no. BSU-05/2010-2684/GS (I) dated 21.09.2017 of the Governor's Secretariat, Bihar shall apply.

**Encl : Annexure II**

Yours faithfully

*Rayag*  
12-09-24

Deputy Registrar  
Patna University, Patna

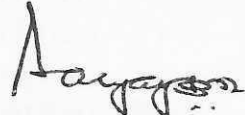
*RB*  
11-09-24

Memo No. Acad/-

Dated

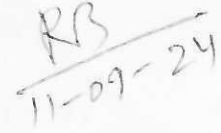
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Copy forwarded to 1. The Head, Department of Botany/Chemistry/Geology/Mathematics/Physics/Statistics/Zoology, Patna University, 2. The Supervisor concerned. 3. The Controller of Examinations, Patna University, 4. The Incharge, IT Cell, Patna University (for uploading on PU website and activation of the online Ph.D Registration & University Registration), 5. The candidate concerned. 6. The Section Officer, Academic Section, Patna University for information and necessary action.



12-09-24

Deputy Registrar  
Patna University, Patna



Patna University

Subject- Geology

Detail of the candidate approved by the PGRC (Faculty of Science) at its meeting held on 04-09-2024 for Ph.D Registration Annexure-II

| Sn o | Application ID | Candidate Name   | Father Name        | DOB       | Gender | Category | Postal_addr   | smobile          | semail                                  | net_jrf_ st | Topic   | Name of the Supervisor               | Post of the Supervisor | Total number already registered | Date of Term (Feb/July/Nov) |
|------|----------------|------------------|--------------------|-----------|--------|----------|---|------------------|---|-------------|---|--------------------------------------|------------------------|---------------------------------|-----------------------------|
| 1    | 2399900151     | Ehraz Zia        | Anzarul Haque      | 1/14/1994 | Male   | UR       | CA 60<br>P.C.Colony<br>MalahiPakri,<br>Kankarbagh                                 | 9631573604       | ehraz14<br>4@gmail<br>.com              | PAT         | GEO-ENVIRONME<br>NTAL STUDY OF<br>THE KOSI-GANGA<br>YAZOO BELT,<br>BIHAR  | Prof. Atul<br>Aditya<br>Pandey       | Professor              | 3                               | 01/11/2023                  |
| 2    | 2399900360     | Abhishek kumar   | Jai Narayan Sharma | 4/15/1996 | Male   | EBC      | VPO-<br>LAKHMINIA PS-<br>BALLIA   | 9155771847       | abhigeol<br>ogy96@<br>gmail.co<br>m     | PAT         | An Intergrated<br>Approach of<br>Geological,<br>Geochemical and<br>Geophysical<br>Techniques for<br>Identification of<br>Geothermal<br>Potentials in<br>Munger. Bihar | Dr. Kriti<br>Yadav                   | Assistant<br>Professor | 0                               | 01/11/2023                  |
| 3    | 2399901959     | Pragati Sonali   | Kamta Prasad Roy   | 5/26/1997 | Female | UR       | B-44 JAGAT<br>BHAWANI<br>APARTMENT<br>S.P.SINHA PATH<br>EAST BORING<br>CANAL ROAD | 0912 324<br>8862 | pragatis<br>onali.m<br>ed@gm<br>ail.com | PAT         | A STUDY ON THE<br>MAGMA MIXING<br>DYNAMICS OF<br>BATHANI<br>VOLCANO-SEDIM<br>ENTARY<br>SEQUENCE,<br>BIHAR   | Dr. Urmi<br>Dutta                    | Assistant<br>Professor | 1                               | 01/11/2023                  |
| 4    | 2399901998     | RAMESH KUMAR SAW | BACHCH U SAH       | 2/10/1993 | Male   | EBC      | VILL-DUMARIYA<br>TAND,<br>P.O-KHANDAIC<br>H, P.S-KHAIRA                           | 8340515187       | rameshs<br>aw1993<br>@gmail.<br>com     | PAT         | Hydrogeological<br>Study of Nawada<br>District, Bihar with<br>special reference to<br>groundwater quality.  | Dr.<br>Dhanjee<br>Kumar<br>Choudhary | Assistant<br>Professor | 1                               | 01/11/2023                  |

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|   |            |                |                      |           |        |     |  |            |                           |     |  |                          |                     |   |            |
|---|------------|----------------|----------------------|-----------|--------|-----|--|------------|---------------------------|-----|--|--------------------------|---------------------|---|------------|
| 5 | 2399902013 | ANUGYA RASHI   | VIRENDRARA KUMAR LAL | 11/3/1999 | Female | SC  | TOWER D DAVID, GANGA VIHAR COLONY NEAR ATAL PATH DIGHA | 6206438489 | ashipriya451@gmail.com    | PAT | Hydrogeological Study and Groundwater Quality Assessment of Araria District, Bihar                                     | Prof. Anil Kumar         | Professor           | 1 | 01/11/2023 |
| 6 | 2399902454 | GANESH MISHRA  | BALINDRA MISHRA      | 11/2/1995 | Male   | EWS | MUBARAKPUR, DANAPUR CANTT, PATNA, H.NO 406             | 8083758519 | ganeshmishra077@gmail.com | PAT | Reconstruction of Late Quaternary palaeoceanographic changes in the western Bay of Bengal: A foraminiferal perspective | Dr. Syed Mohammad Saalim | Assistant Professor | 1 | 01/11/2023 |
| 7 | 2399903314 | SWETA BHARDWAJ | ARUN KUMAR SINGH     | 1/25/1998 | Female | EWS | VILL-HANDIYA, PO-NARDIGANJ, PS-NARDIGANJ               | 9113185602 | bhardwajsweta66@gmail.com | PAT | Assessment of Land use, Land Cover dynamics and Sub-basin Prioritization for Watershed Management in Nalanda, Bihar    | Dr. Sayema Jamal         | Assistant Professor | 1 | 01/11/2023 |
| 8 | 2399903373 | RITU KUMARI    | SURENDRARA PANDEY    | 1/3/1999  | Female | EWS | VILL KHARWANIYA PO MOKAR PS AGRER                      | 7004210324 | panderitu786@gmail.com    | PAT | Hydrogeological study of Rohtas district, Bihar with special reference to groundwater quality                          | Dr. Abhay Prakash        | Associate Professor | 0 | 01/11/2023 |
| 9 | 2399900772 | SHEKHAR        | UMESH SHARAN         | 10/1/1989 | Male   | EBC | KHADERAN SINGH MARG D-BLOCK, KADAMKUAN PATNA           | 7004784271 | shekhar.geo.pu@gmail.com  | NET | Hydrogeochemical Characterisation and Assessment of Groundwater Quality in Lakhisarai District, Bihar                  | Prof. Anil Kumar         | Professor           | 1 | 01/11/2023 |

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