



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:-

- a. 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.
- b. The candidates fulfil the eligibility criteria and have successfully completed the Course Work.
- c. 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 **14th 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 20th 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

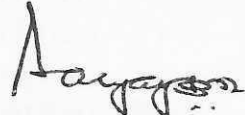
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Memo No. Acad/-

Dated

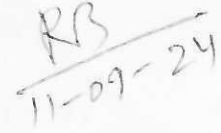
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Copy forwarded to 1. The Head, Department of Botany/Chemistry/Geology/Mathematics/Physics/Statistics/Zoology, Patna University, 2. The Supervisor concerned. 3. The Controller of Examinations, Patna University, 4. The Incharge, IT Cell, Patna University (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- Zoology

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

Sno	Application ID	Candidate Name	Father Name	DOB	Gender	Category	Postal Address	smobile	semail	net_jrf_ st	Topic	Supervi sor	Post of the Supervisor	Total number already register ed	Date of Term (Feb/July/Nov)
1	2399900032	ADITIYA KUMAR SAH	SHANKAR PRASAD SAH	9/7/1995	Male	EBC	633 HASANPUR VILL- RANIGANJ PO- MERYGANJ PS- RANIGANJ	9060907765	adi11raniganj@gmail.com	PAT	Limnological investigation of aquatic insects' biodiversity in rural, semi-urban and urban water bodies in Patna District.	Dr. Akhilesh Kumar	Assistant Professor	1	01/11/2023
2	2399900047	Ranjana Singh	Prabhat Singh	9/18/1996	Female	UR	Dulari bhawan, yarpur, road no. 1, GPO	7991141275	ranjana9430@gmail.com	PAT	Assessment of physicochemical parameters and ichthyofauna diversity of Bagmati river flowing through Sheohar district of Bihar, India	Dr. Ranjana	Assistant Professor	1	01/11/2023
3	2399900056	ALOK KUMAR	RAMCHANDRA PRASAD GUPTA	3/4/2000	Male	EBC	SANTAR MOHALLA, LAKHISARAI	6203520804	alokkumarlkr958@gmail	PAT	Histological, hematological and biochemical analyses of the single and combined effects of microplastics and nanoparticle on <i>Clarias gariepinus</i>	Dr. Akhilesh Kumar	Assistant Professor	1	01/11/2023
4	2399900164	Anamika kumari	Shashi bhushan prasad singh	1/22/1996	Female	UR	SANDHA NEWAJI TOLA, SANDHA, BYPASS ROAD, CHAPRA	7463941158	anamika8056@gmail.com	PAT	Effect of synthetic and bio-insecticides on the behavioral responses of developmental stages of <i>Callosobruchus chinensis</i>	Dr. Shobha Shrivastava	Associate Professor	3	Referred back (WorkS to be redefine)

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5	2399900650	AYUSHEE AGARWAL	AJAY KUMAR AGARWAL	4/14/1990	Female	UR	Flat no. 505, R.K Sadan, Gola Road, Patna, Bihar	7782808310	ayushee.nitald@gmail.com	PAT	Therapeutic Study of <i>Cascabela thevetia</i> and <i>Delonix regia</i> against DMBA induced Breast Cancer in Rats	Dr. Praveen Kumar	Assistant Professor	1	01/11/2023
6	2399901238	ARCHANA KUMARI	CHANDRA SHEKHAR GOPAL	12/5/1992	Female	SC	KHAWA CHANDRA TOLA, KHAWA RAJPUR, PO-KIRANPUR	8252943634	archi.raj215@gmail.com	PAT	Effects of herbal extracts against zinc-induced toxicity in freshwater fish <i>Channa punctatus</i>	Dr. Praveen Kumar	Assistant Professor	1	01/11/2023
7	2399901896	SONAM KUMARI	DIVYA PRAKASH SNEHI	2/17/2000	Female	EWS	VILL-KONI, PO-SANDA, PS-KURTHA	9523394675	sonamkri0217@gmail.com	PAT	Assessment of cadmium and mercury in water and fishes of Kusheshwar Asthan wetland, Darbhanga (Bihar)	Dr. Anupma Kumari	Associate Professor	4	01/11/2023
8	2399901904	DIVA KUMAR MANGLAM	BALESH RAM	9/10/1998	Male	SC	WARD NO-23 BLOCK ROAD NARKATIAGANJ PO-NARKATIAGANJ PS-SHIKARPUR	6200606850	divakumar5@gmail.com	PAT	Unravelling the bacterial diversity involved in biodegradation of plastics at selected plastisphere of Bihar	Dr. Sujata Kumari	Assistant Professor	1	01/11/2023
9	2399902143	Zia Afroz Jahangir	Md Jahangir Alam	3/8/1998	Female	EBC	NEAR IMARAT-E-SHARIYAH, WARD NO-24, GACHHI TOLA, ARARIA	7001412829	ziaafroz98@gmail.com	PAT	Toxicity Assessment of Silica nanoparticles on the Reproductive Health Status of Spotted Snakehead <i>Channa punctatus</i> . Bloch	Dr. Gyanendra Bahadur Chand	Associate Professor	4	01/11/2023
10	2399902375	RAKSHINDA JABEEN	MD MUMTAZ ALAM	1/24/1989	Female	EWS	C/o-Md Mumtaz Alam, Vill - Deora Bandhauli, post - bandhauli, P.S -Jale	7678479108	rakhshindamumtaz@gmail.com	PAT	Zooplankton diversity in relation to physico-chemical parameters in Nakti dam, Jamui, Bihar	Prof. Shahla Yasmin	Professor	4	01/11/2023

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11	2399902438	Zaofeshan Anjum	Khurshid Anwar Ansari	8/26/1994	Female	EBC	Road no. 7, Haroon Nagar, Sector - 2, Phulwari Sharif	8757929641	zaofeshan@gmail.com	PAT	Impact of Physico – Chemical Conditions on Zooplankton Diversity of Punpun River in Patna District (Bihar)	Dr. Dileep Kumar	Assistant Professor	1	01/11/2023
12	2399903380	ANNU KUMARI	AMAN PASWAN	10/27/1999	Female	SC	PANI TANKI KHAJEKLAN PO JHAUGANJ PS KHAJEKLAN PATNA CITY	8102513056	krannu.1999@gmail.com	PAT	Assessment of health risks due to heavy metals in riverine fishes of Mokama, Bihar	Dr. Praveen Kumar	Assistant Professor	1	01/11/2023
13	2399900427	Chandni	Md Rukshad Alam	8/3/1995	Female	BC	MOHMAD NAGAR BETTIAH, WARD NO 14/478, GALI NO. 1, BETTIAH, WEST CHAMPARAN, BIHAR - 845438	7870075691	chandni mansuri91@gmail.com	JRF	Effect of neem extract on the development of neuroendocrine and reproductive organs of <i>Poekilocerus pictus</i>	Prof. S. M. Mahboob Hassan	Professor	4	01/11/2023
14	2399901577	KAINAT MASIH	MASIH UDDIN AHMAD	12/22/1988	Female	UR	C/o ROHIT NIRALA, MANIKPUR, NEAR CHANDISTHAN, POST - KAWADPUR, T HANA-SURAJGARHA, LAKHISARAI	8527216397	kainatmasih@gmail.com	JRF	Assessment of Microplastic in Cow Milk Samples and the Induced Genotoxic Stress using a freshwater fish species	Prof. Parimal Kumar Khan	Professor	4	01/11/2023
15	2399902178	Ashish Ranjan	Dilip Kumar Singh	12/9/1994	Male	BC	Rajendra nagar, Bahadur pur, Road no. 13c, Patna 16	9934632092	ranjan700ashish@gmail.com	NET	Dose response assessment of Pb and Cd on <i>Channa gachua</i> : bioremediation by chelation	Dr. Ranjana	Assistant Professor	1	01/11/2023

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16	2399902687	SWATI KUMARI	SURENDR RA PRASAD	2/2/1999	Female	BC	VILLAGE - NISHNAPURA, P.O. - KHUSHALPUR , P.S. - TELHARA	6205447434	imswati 346@g mail.co m	GATE	Effect of synthetic and bio-insecticides on the behavioural responses of developmental stages of housefly(<i>Musca domestica</i>) to conventional and bio-insecticides	Dr Shobha Shrivast ava	Associate Professor	3	Referred back (reframe Work & title reference)
17	2399900005	MD SHAHNAWAZ	MD SHAKIL	2/25/1998	Male	EWS	HOUSE NO 51, WARD NO 12, VILLAGE & POST- GARAHYA, PS & DISTRICT- SHEOHAR	8252868621	mdsnz atna@g mail.co m	GATE & PAT	Effect of polyphenols as potential modulator in <i>Dictyostelium discoideum</i> : <i>In silico</i> and <i>in vivo</i> study	Dr. Priyanka Sharma	Assistant Professor	1	01/11/2023
18	2399901835	Shirien Amra	Md saood alam	2/24/1998	Female	UR	Ward no 1, paharpur, Simri bakhtiarpur	7070392525	amrashi rien@g mail.co m	GATE & NET	Computational and <i>in vivo</i> analysis of the impact of flavonoids as polyamine regulator in <i>Dictyostelium discoideum</i>	Dr. Piyanka Sharma	Assistant Professor	1	01/11/2023
19	2399903157	ZEBANJUM	AFZAL IMAM	1/3/1998	Female	UR	RAHMAT COMPOUND, DIGHA GHAT, PATNA 800011	8210254355	zebaanj um29@ gmail.co m	JRF, GATE & PAT	Genetic and molecular approaches towards understanding the targets of eugenol in <i>Saccharomyces cerevisiae</i>	Dr. Gajendr a Kumar Azad	Assistant Professor	2	01/11/2023
20	2399903165	SAPNA KUMARI	RAMA SHANKA R SAH	10/2/1999	Female	EBC	HOUSE NO. 175, OPP. OF GALI NO. 27B, RAJAPUR PUL, PATNA	6203450933	sapna37 53kuma ri@gmai l.com	GATE	Molecular assessment of multi-antibiotic resistant soil bacteria isolated from Patna and its health implications	Dr. Gajendr a Kumar Azad	Assistant Professor	2	Referred back (reframe objective & recent reference)
21	2399903249	VISHWARANJAN KUMAR	JAY KUMAR SINGH	4/7/1985	Male	BC	VILL-KHARAU NA, P.O-HANS ADIH, P.S-MAS AURHI	7759077129	vranjan. 1985@g mail.co m	JRF	Impact of the effluent of Sewage Treatment Plant (STP) on the Gangetic Ichthyofauna of Bhagalpur district (Bihar)	Dr. Dileep Kumar	Assistant Professor	1	01/11/2023

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22	2399900392	UPASNA KUMARI	ARVIND KUMAR	30/06/1995	Female	WBC	GAGANPUR HOUSE, HOUSE NO - 638 ,D/O - ARVIND KUMAR, DHANESHWAR GHAT, BIHAR SHARIF	6201267002	kri.upasna@gmail.com	JRF	Effect of <i>Azadirachta indica</i> on growth and development of harmful mango mealy bug (<i>Drosicha magniferae</i>)	Prof. S. M. Mahboob Hassan	Professor	4	01/11/2023
23	2399901106	Nikhil Kumar	Sunil Kumar	20/12/1997	Male	BC	S/O Sunil Kumar, Subhadrayan, Dighil Kala East, Near Licchavi Public School, Hajipur, Vaishali, Bihar	8579051295	nikhilroy1997@gmail.com	JRF	Assessment of Disease burden in human population exposed to Arsenic and Lead in Patna district, Bihar	Dr. Akhilesh Kumar	Assistant Professor	1	01/11/2023
24	2399901182	NEHA NAZ	MD SOHRAB	9/8/1997	Female	UR	Jhauganj Madarsa Gali, Chowk Patna City	9934815801	thenehanaz@gmail.com	JRF	Study on the water quality and bioaccumulation of heavy metals in the benthic fauna of Nagi wetlands, Bihar	Prof. Shahla Yasmin	Professor	4	01/11/2023

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