



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 **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.

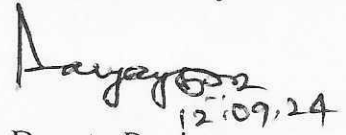
z The candidates will have to submit copies of 'no dues' certificate issued by the Department concerned and the Patna University Library, P.U. prior to submission of Ph.D thesis.

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

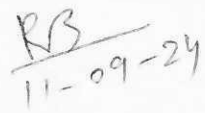
Yours faithfully


12-09-24

Deputy Registrar
Patna University, Patna

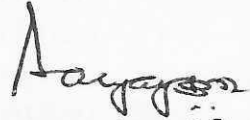
Memo No. Acad/-

Dated


11-09-24

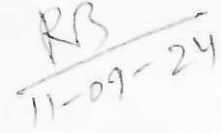
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Copy forwarded to 1. The Head, Department of Botany/Chemistry/Geology/Mathematics/Physics/Statistics/Zoology, Patna University, 2. The Supervisor concerned. 3. The Controller of Examinations, Patna University, 4. The Incharge, IT Cell, Patna University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



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_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	2399900212	Abhishek Shekhar	Birendra Prasad	09-02-1998	Male	EBC	HOUSE NO-A/42, SACHIWALAYA COLONY, ROAD NO-3, KANKARBAGH	9472444669	abhishekshekhara952@gmail.com	PAT	Evaluation of Synthetic Drugs Versus Phyto-compounds in Treatment of MDR Tuberculosis	Dr. Vinod Prasad,	Associate Professore	2	01/11/2023
2	2399900594	JYOTI KUMARI	SAHJA NAND PRASAD	13-11-1999	Female	EBC	SHANTI NIKETAN, PURANI BAZAR, MASAU RH I, PATNA, BIHAR, 804452	9110165488	kjyotisd@gmail.com	PAT	Evaluation of Anticancer Activity of <i>Elaeocarpus ganitrus</i> Roxb. and <i>Thuja occidentalis</i> L. against DMBA-Induced Breast Tumor in Rats	Prof. Reena Mohanka, Co-Supervisor- Dr. Arun Kumar	Professore	2	01/11/2023
3	2399900719	SMRITI SINGH	S. Singh	15-02-1997	Female	EWS	jay prakash nagar west thanna jakkanpur po gpo	6200034821	smritishona31@gmail.com	PAT	Identification and Molecular Characterization of an iron homeostasis related gene in rice	Dr. Saumya Srivastava, Co-Supervisor- Dr. Monika Dalal	Assistant Professor	0	01/11/2023
4	2399900786	RINGU KUMARI	RAGWANDRA KUMAR	05-11-1983	Female	EWS	RINGU KUMARI D/o RAGWANDRA KUMAR House no.-1, Vill-shriver, P. O-gopalpur, P. S-naubatpur, District -Patna	8294472067	ringukumar@gmail.com	PAT	Physicochemical Assessment of Soil sample from Vaishali region and their impact on productivity of <i>Brassica nigra</i> and <i>Sinapis alba</i>	Dr. Surendra Kumar Prasad	Associate Professore	2	01/11/2023
5	2399901377	Amit Kumar	Parma Nand Singh	19-08-1996	Male	BC	Behind Laxmi Utsav Hall, Mitra Mandal Colony, Saket Vihar, Anisabad, Patna - 2	8651739678	amit93.1920@gmail.com	PAT	Screening and Characterization of the Soil Actinomycetes for Potent Antimicrobial Secondary Metabolites	Prof. Birendra Prasad	Professor	1	01/11/2023

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6	2399901672	ROZY KUMARI	ARUN KUMAR SINGH	18-11-1995	Female	BC	CHUNAUTI KUAN, ISAPUR ROAD, PHULWARI SHARIF PATNA	7979986020	rozykumari67@gmail.com	PAT	Assessment of bacterial load in potable water sources of colleges of Patna	Dr. Surendra Kumar Prasad	Associate Professor	2	01/11/2023
7	2399902081	Rahul Kumar	Raja Ram Krishna	28-03-1998	Male	EWS	VILL. -PARARIYAWAN, P.O.-OZIRPUR, P.S.-BIKRAM	9572032196	Sharmaji4017@gmail.com	PAT	An in- Depth Study of Fern Varieties of the Netarhaat region	Dr. Pushpanjali Khare	Assistant Professor	2	Referred back (recent reference required i.e atleast up to 2020)
8	2399902222	SONAL KUMARI	LALAN THAKUR	19-06-2000	Female	EBC	C/O LALAN THAKUR SALIMPUR AHRA, HAJAMTOLI, GALI NO. 3, P.O - KADAM KUAN, PATNA	8651459839	sonalkumari7091@gmail.com	PAT	Phytochemical Screening and Bioactivity Evaluation of the plant <i>Bauhinia variegata</i>	Dr. Pushpanjali Khare	Associate Professor	2	01/11/2023
9	2399902287	FAKHRA RAHMAN	MUJIBUR RAHMAN	06-10-1995	Female	EBC	CHANDNI MARKET BIBI GANJ MAIN ROAD DANAPUR CANTT PATNA	8581904885	fakhrarahman@gmail.com	PAT	SCREENING OF ALLELOPATHIC FUNGI AS POTENTIAL DISEASE CONTROL AGENT AGAINST PATHOGEN OF PADDY CROP	Dr. Choudhary Sharfuddin	Associate Professor	1	Referred back (recent reference required i.e atleast up to 2020)
10	2399902325	JYOTIKA	PRAMOD KUMAR	18-07-1999	Female	UR	C/O KN SINGH, JAWAHAR COLONY POSTAL PARK, ROAD NO. 1	9102061666	imjyotikavatsya@gmail.com	PAT	Study on Ameliorating Effect of <i>Psidium guajava</i> L. on Health and Lifespan in <i>Caenorhabditis elegans</i>	Prof. Birendra Prasad	Professor	1	01/11/2023
11	2399902333	SHREEN FARHA	MD SHAMSHAD	03-12-2000	Female	EBC	KHANMIRZA SULTANGANJ, PO-MAHENDRU	7079916636	shreenfarha3120@gmail.com	PAT	Studies on Biological Control Activities of <i>Trichoderma</i> species Against Bacterial Pathogens	Dr. Choudhary Sharfuddin	Associate Professor	1	Referred back (recent reference required i.e atleast up to 2020)
12	2399902342	Risha Kumari	Arvind Kumar Sharma	17-09-2000	Female	EBC	C/O : THAKUR SHYAM NARAYAN SHARMA RUKANPURA BAILEY ROAD	8789104379	kumaririsha6@gmail.com	PAT	Isolation, identification and characterization of soil fungi from flooded area of Munger district	Dr. Surendra Kumar Prasad	Associate Professor	2	Referred back (recent reference required i.e atleast up to 2020)

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13	2399902362	ANISHA	SURYA BANSHI LAL	24-12-1998	Female	EBC	NEW MITHILA COLONY NASRIGANJ DANAPUR	9334370381	anisha24121998@gmail.com	PAT	Comparative Assessment of Cytotoxicity in Solanaceous Vegetables by the Use of Synthetic and Bio-pesticides	Dr. Vinod Prasad	Associate Professor	2	Referred back (recent reference required i.e atleast up to 2020)
14	2399902694	Zeba Mahparah	Abdul Zahir	24-06-1999	Female	EBC	Bailey road, samanpura, indrapuri, surya samanpura enclave,303 ,patna	9835717267	zebama hparah24june@gmail.com	PAT	Impact of fluoride on <i>Cicer arietinum</i> L. and <i>Vigna radiata</i> L.	Prof. Meenakshi Singh	Professor	3	01/11/2023
15	2399902883	Ruby Kumari	Subash Prasad	11-03-1997	Female	EBC	C/O Subash Prasad Vill - Usari Nima, P.O. - Usari Bazar, P.S. - Mehandiya, Distt - Arwal, Bihar	7986599973	rubikum arigupta311@gmail.com	PAT	<i>In vitro</i> Studies of Biological Control Agents Against Plant Pathogens	Dr. Choudhary Sharfuddin	Associate Professor	1	01/11/2023
16	2399902884	RAUSHAN KUMAR	MANOJ PRASAD	12-07-1996	Male	EBC	H/O SHRI RADHAMOHAN SINGH, J.S.LANE, CHAUDHARY TOLA, NEAR H.P. PETROL PUMP, MAHENDRU, PATNA	8271294685	raushan.raj17@gmail.com	PAT	Bio-efficacy of Some Plant Extracts as Natural Food Preservatives: Combating Spoilage and Pathogenic Microorganism	Prof. Reena Mohanka	Professor	2	01/11/2023
17	2399902969	LAV KUMAR	LADDU LAL YADAV	01-03-1994	Male	BC	VILL-BAGHOPUR PO-NANDENAGAR PS-ROSERA DIST-SAMASTIPUR PIN-848117	9570803666	lavkush psc@gmail.com	PAT	Investigation on the Biodeteriogens of Patna University Central Library with Special Reference to Indoor Mycoflora	Dr. Choudhary Sharfuddin	Associate Professor	1	Referred back (recent reference required i.e atleast up to 2020)
18	2399901479	Alika Najafi	Hasnain Akhtar	11-01-1996	Female	UR	I/509, Block 3, Rajmahal apartment, Mango, Jamshedpur.	7091121286	alikanajafi01@gmail.com	DST-INS PIRE & Gate-XL	Assessing the influence of salt stress on Marigold (<i>Tagetes</i> sp.) and its mitigation strategy	Dr. Saumya Srivastava	Assistant Professor	0	01/11/2023

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19	2399901681	Shanvi	Ajay Kumar	25-08-1995	Female	UR	Jakkanpur Old, Near Devi Asthan, H.no- JKS/D-38	7857861096	sinhashanvi250@gmail.com	DST-INSPIRE	Assessment of the Therapeutic Potential of <i>Sphaeranthus indicus</i> L. on Age-related Disorders in <i>Caenorhabditis elegans</i> Model System	Prof. Birendra Prasad	Professor	1	01/11/2023
20	2399901956	SHIVAM	HARENDRA NATH	21-02-2000	Male	EWS	JAN JAGRAN PRESS, DWARIKA NATH LANE, OPPOSITE DR. RVP SINGH, SALIMPUR AHARA PATNA BIHAR	9470009645	shivam.nath021@gmail.com	GATE & PAT	Natural Pigments from <i>Bixa orrelana</i> L. and <i>Rivina humilis</i> L. with their Application as Food Biocolorant	Prof. Reena Mohanka	Professor	2	01/11/2023
21	2399901751	Rajlaxmi Singh	Sanjay Singh Chaurasia	08-05-1982	Female	EBC	Bajrangi bali chowk, Naya Gaon, P.O. - Jamalpur	9102006684	rajlaxmi1982singh@gmail.com	NET	Screening of Actinomycetes isolated from Soil: Search of Novel Antimicrobial Secondary Metabolites	Prof. Birendra Prasad	Professor	1	01/11/2023
22	2399900692	Ankita Kumari	Ramashray Prasad Singh	18-03-1998	Female	BC	VILL - PURANKAMA, P.S. - SHEIKHPURA, P.O. - SHEIKHPURA, SHEIKHPURA, BIHAR	9097529384	Krianki123@gmail.com	NET / DBT-JRF	Investigation of arsenic stress on Palmarosa [<i>Cymbopogon martinii</i> (Roxb.) Wats.] and the potential role of phytohormone in its arsenic tolerance	Dr. Saumya Srivastava	Assistant Professor	0	01/11/2023
23	2399902192	SOMENDRA NARAYAN	HARI NARAIN GUPTA	21-04-1996	Male	UR	TAHIR LANE, ROAD NO.16, GARDANIBAGH, P.O.- ANISHABAD, PATNA, BIHAR	7903157367	somendranarayan11@gmail.com	JRF	Pathogenicity and Phylogenetic study of Tomato Leaf Curl Virus species occurring in South Bihar	Dr. Punam Ranjan	Assistant Professor	0	01/11/2023

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24	2399902217	RUPAK RAJ	BIJENDR A PRASAD YADAV	28-05-1998	Male	BC	WARD NO-07, VILL-PO-BALAM, PS-MAHDEPURA	9472873911	rupakraj 6340@g mail.co m	JRF	Investigation on Impact of <i>Curcuma longa</i> L. On Health and Longevity in <i>Caenorhabditis elegans</i>	Prof. Birendra Prasad	Professor	1	01/11/2023
25	2399903173	Khushboo kumari	Dhrub Narayan Singh	14-12-1993	Female	UR	Vill-ashopur,PO-ba iriya,Block-purnah iya, District -Sheohar	8789424219	kumarik hushbo o1426@ gmail.co m	Gate	Comparative Analysis of Soil Properties in Flood Prone Blocks of Sheohar District (Bihar) and Its Impact on Cereal Crops	Dr. Vinod Prasad	Associate Professor	2	01/11/2023
26	2399900713	Nazia Hasnain	Md. Hasnain	15-08-1982	Female	EBC	FLAT NO. 414, EMARAT AL AZIZ, CHITKOHRA, PATNA-2.	9504309600	nazia15 hasnain @gmail. com	NET	Seasonal Dynamics of Airborne Allergens: A Comparative Analysis in Wholesale market areas in Patna	Dr. Pushpanjali Khare	Associate Professor	2	Referred back (Modification in Topic required)
27	2399901648	Khushboo Rani	Rajdeo Prasad	1/16/1999	Female	BC	NULL	7979771461	kranikhu shboo64 @gmail. com	PAT	Allelopathic Effects of Magahi Paan on Crop and Weed Germination and Growth	Dr. Pushpanjali Khare	Associate Professor	2	Referred back (Modification in Topic required)
28	2399901282	Pretty kumari	Trilok thakur	20/01/1994	Female	EWS	pretty kumaric/o surendra sharma, subhash nagar road no-8, east of patna central school	8340189366	prettybi otec@g mail.co m	JRF	Exploring the Potential of Soil Fungi as Biocontrol Agents against Plant Pathogens	Prof. Meenakshi Singh	Professor	3	01/11/2023

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