

Tilka Manjhi Bhagalpur University

BHAGALPUR-812007

Ref- R2/C29-59

Date- 24/07/2021

To,

1. All P.G. Heads,
University Departments,
TMBU, Bhagalpur
2. All Principals/Prof. In-charge
Colleges (Constituted & Affiliated)

Subject: Regarding PAT-2021.

Sir/Madam,

It is to inform that Hon'ble V.C. has been pleased to approve the schedule of PAT-21 as follows:

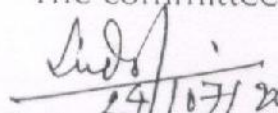
1. Online application of PAT-2021 - 26.07.21 to 16.08.21
2. Editing of Online form - 17.08.21 to 18.08.21

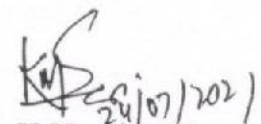
Rest schedule will be notified later on.

Hon'ble V.C. has constituted a committee as follows for monitoring PAT-21.

1. Dean Academics - Convenor
2. CCDC - Member
3. Research Coordinator - Member

The committee will monitor all the activities of PAT-21.

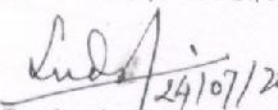

24/07/2021
(Dr. Sudesh Kr. Jayaswal)
Research Coordinator

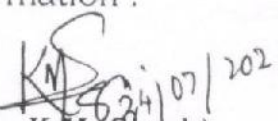

24/07/2021
(Dr. K.M. Singh)
C.C.D.C.

Memo No... R2/C29-59dated... 24/07/2021

Copy to:

1. Dean Academic for necessary action.
2. Director UDCA, TMBU for uploading on University website.
3. PRO, TMBU for information.
4. Project Manager, UMIS.
5. P.A. to V.C./P.V.C./Registrar/C.E., TMBU Bhagalpur for information .


24/07/2021
(Dr. Sudesh Kr. Jayaswal)
Research Coordinator


24/07/2021
(Dr. K.M. Singh)
C.C.D.C.

24/07/2021



Ph.D. Admission Test (PAT)- 2021

(As per Regulation approved by the Governor's Secretariat, Bihar Vide Memo No. BSU-05/2010/2684/GS(I) dated 21.09.2017)

Online Application from the desirous candidates having Master's degree with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7 point scale or an equivalent grade in appoint scale wherever grading system is followed, and relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, will be allowed for those belonging to SC/ST/EBC/OBC/Differently-abled categories of candidates is invited for Ph.D. Admission -2021 from 26.07.2021 to 16.08.21. Date of editing 17.08.2021 to 18.08.2021..

Application may be downloaded from the University website- www.tmbuniv.ac.in

Subject in which Test will be conducted.

Sl. No.	Subjects	Vacant Seats	Faculty
1	Hindi	0	HUMANITIES
2	English	38	
3	Urdu	11	
4	Bengali	3	
5	Sanskrit	20	
6	Philosophy	87	
7	Persian	5	
8	Maithili	0	
9	Angika	0	
10	Economics	21	SOCIAL SCIENCE
11	Music	8	
12	Ambedkar Thought	4	
13	R.Economics	15	
14	Sociology	0	
15	I.R.P.M	5	
16	History	0	
17	Gandhian Thought	16	
18	Psychology	75	
19	Geography	3	
20	AH.C and Archaeology	2	
21	Political Science	14	SCIENCE
22	Anthropology	0	
23	Chemistry	35	
24	Physics	67	
25	Zoology	34	
26	Home Science	0	
27	Botany	14	

28	Mathematics	51	
29	Statistic	0	
30	Bio-technology	0	
31	Commerce& MBA	10	COMMERCE
32	Law	1	LAW

* Seats may be reviewed in the meeting of (Research Board) and are subject to slight variation.

Guidelines for the candidates

Eligibility for Ph.D. Admission Test (PAT)-2021.

- (i) Candidates for admission to the Ph.D. programme shall have a Master's degree with at least 55% marks in aggregate or its equivalent grade 'B' in the aggregate (or an its equivalent in a point scale wherever system is followed).
- (ii) A relaxation of 5% of marks, from 55% to 50% or an equivalent relaxation of grade will be allowed for those belonging to SC/ST/EBC/OBC/Differently-abled categories of candidates.
- (iii) A candidate shall ordinarily be permitted to pursue research for the Ph.D. degree in the subjects in which he/she holds Master's degree

Exemptions from the written test of Ph.D. Admission Test (PAT)-2021.

1. Candidates who have secured grants for research such as fellowship/ scholarship/ associate ship etc. by qualifying UGC/NET/CSIR-NET/GATE/MHRD Scholarships/Teacher Fellowship/DBT/ICMR/ICAR/DST-INSPIRES/CSSIR,ICHR etc.
2. Assistant Professor, Associate Professor and Professor who have been appointed on substantive post in the UGC pay scale in the teaching departments or the University or a constituent college of the University who have completed their probation successfully with an experience of at least two years of uninterrupted service would be considered under this category. Teachers appointed in self-finance will not be exempted from the test.
3. Non-teaching employees of the University, who are holding substantive appointment for more than five years having at least 55% marks in Master's degree in the subject concerned, and with at least two research papers published in any reputed refereed journal or journals identified by the UGC would be considered under this category.
4. In special case the candidate & who have qualified PRT-17 test & PAT-19 Test will be considered in stream-2
5. The P.G. (Session2017-19) Sem-IV. students may also apply for PAT-21

How to Apply

Application has to be made through online mode only with the requisite Test Fee and coloured self-attested photographs and thumb impression (right in case of female, left in case of male) from 26.07.2021 to 16.08.2021 till. No application will be accepted after due date. Incomplete application will be rejected. Date of editing 17.08.2021-18.08.2021.

Test Fee

Serial No.	Category	Amount (Rs.)
1.	General/B.C./EBC	1500/-
2.	SC/ST/Disabled/Women	1000/-

Mode of Payment

Payment will be made by Debit Card/Credit card/Online banking only through payment gateway

Procedure for Ph.D. Admission Test (PAT)-2021

Written Test

Written test will be comprised of two papers of 100 marks each.

Paper -I: 100 marks-objective/multiple choice questions on general and research aptitude.

Paper -II: 100 marks-subjective type in the subject concerned based on syllabus (excluding elective papers) of the Post-Graduate courses of the T.M. Bhagalpur University, Bhagalpur (BIHAR).

Interview

Interview: 20 marks. It is mandatory for all including exempted candidates to appear before the interview Board.

The minimum qualifying marks for written test will be as follows:

For General candidates- **50% aggregate** marks

For Reserved category candidates- **45% aggregate** marks

The selection of the candidates will be on the basis of marks obtained in Written Test and Interview Combined together.

Instructions to the candidate

Paper-I: Multiple choice questions (MCQ).

No. of Questions-50 Full Marks: $2 * 50 = 100$

Duration of examination: 1hour

There will be no negative marking.

Students are not allowed to take out the questions booklet of Paper-I.

Paper-II: Essay Type/Subjective,

Duration of Examination: **2Hours.**

Test will be based on the syllabus (excluding elective papers) of the Post Graduate Degree Courses of T.M. Bhagalpur University, Bhagalpur.

The paper will be divided into three Groups:

Serial No.	Groups	Distribution of Marks	Description
1.	A	5 X 6= 30	Total Eight short answer type questions to be set out of which five are to be answered (excepted length of each answer-150 words approximately).
2.	B	4 X 10= 40	Total Seven questions to be set out of which four are to be answered (excepted length of each answer-200 words approximately).
3.	C	2 X 15= 30	Total Four questions to be set out of which two are to be answered (excepted length of each answer-500 words approximately).

N.B: The candidates are directed to answer questions in sequential order.

General information to the candidates

Shield Coding Answer book will be provided to the candidates in the examination hall 15 minutes before the start time of the examination and the will have not unshielded the answer book until and unless start signal has not been given by the invigilator. If candidates unsealed the answer book prior to start of the examination they may be expelled from the Test. The successful result of Ph.D. Admission Test (PAT) will be valid for three years from the date of declaration/publication of result. The PAT will be under the preview of the Rule of RTI Act, 2005.

Test Centre

Test will be held at Bhagalpur centers and it will be communicated/announced properly in time. after order of state Govt.

Syllabus of PAT-2021

Syllabus of Paper I of PAT will be as follows:-

Paper-I: General and Research Aptitude Test.

All questions will multiple choices each correct answer carries 2 Marks. There will be Full Marks: 100, Total number of Questions: 50 and no negative marking. Duration of Exam will be of 1 Hour. There will be 7 parts in the paper. The distribution of marks and number of questions are given in the table below:-

Topic	No. of Questions	Marks	Syllabus Level
I. Research Aptitude	10	20	Mentioned below
II. Language Aptitude	10	20	High School Level
III. Logical Reasoning	05	10	High School Level
IV. Numerical Ability	05	10	High School Level
V. Data Interpretation	05	10	Mentioned below
VI. Environment and Sustainability	10	20	Mentioned below
VII. Computer and Information & Communication Technology (ICT) Awareness	05	10	Mentioned below

- I. Research Aptitude :** Meaning, aims, nature and scope of research Prerequisites of Research
Types of research: Fundamental or Pure research, Applied research, Research Problem:
Meaning of research problem, Sources of research problem, Characteristics of a good
research problem Methods of research proposal or synopsis Ethics in Research.
- II. Language Aptitude:** High School Level
- III. Logical Reasoning :** High School Level
- IV. Numerical Ability:** High School Level
- V. Data Interpretation:** Qualitative and Quantitative Data Mapping of data: Representation and Interpretation of graphs.
- VI. Environmental and Sustainability:**
Sources of AIR, Water and Soil Pollution and their Mitigation, Noise Pollution Global Warming, Ozone depletion and Acid rain Current environmental issues and movements in India: Chipko movement, Silent valley, Narmada Dam, Tehri, dam, Almetti dam etc., Global Environmental Movements: Biodiversity Conservation and Agenda 21, Paris Convention Montreal Protocol etc.
- VII. Computer and Information & Communication Technology (ICT):**
Awareness General Abbreviations and Terminology of Computers and ICT Meaning, Advantages, Uses and Risks of Digitalization's Basis of Internets

Paper-II

Paper-II -Test will be based on the syllabus (excluding elective papers) of the Post-Graduate Degree Course of T.M.Bhagalpur University.

Proposed Amendments

The subject wise merit list will be prepared on a scale of 100 including marks in Master's. degree; weightage on PAT/NET/JRF and interview as mentioned in table I, i.e., maximum weightage on marks obtained in Master's Degree programme as 70 plus maximum weightage on PAT/NET/BET/JRF as 10 plus interview of 20 marks. Further it was resolved that candidate will be selected following the prescribed reservation rules of Bihar Government.

Model of Weightage marks to be awarded against percentage aggregate marks for Master Degree Examination is mentioned below-

Percentage marks in Master Degree	Weightage
50% to <55%	40
55% to <60%	45
60% to <65%	50
65% to <70%	55
70% to <75%	60
75% to <80%	65
80% and above	70
Eligibility without fellowship (PAT/NET/BET)	05
Eligibility with fellowship (JRF)	10
Interview	20
Total (maximum)	100

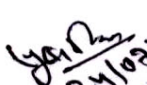
“10marks will be given to the teachers and non-teaching employees (having more than three years’ experience) as given to JRF.

Important Dates to be remembered

Date of application : 26.07.2021
Date of closing of application : 16.08.2021
Date of editing (if any) : 17.08.2021 to 18.08.2021


24/07/2021
Research Coordinator


24/07/2021
C.C.D.C.


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