



MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati - 517 102

Doctor of Philosophy (Ph.D.) Prospectus

1. PREAMBLE

Mohan Babu University, Tirupati, offers Full Time/ Part Time Ph.D. programs through its Schools/Centers, leading to the award of the degree of Doctor of Philosophy, abbreviated as Ph.D. The award of a Ph.D. degree is in recognition of independent and original research work, which makes a contribution to the advancement of knowledge either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of innovative solutions, services, products and technologies.

2. MINIMUM QUALIFICATIONS FOR ADMISSION:

- a) Candidates for admission to the Ph.D. program shall have a Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.

A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC/Differently abled and other categories of candidates as per extant UGC Regulations from time to time; or for those who had obtained their Master's degree prior to 19th September 1991.

- b) An Equivalence Committee will be constituted by the Vice Chancellor to consider applications other than covered under Clause 2(a) who may propose other qualifications/requirements in specific areas, consistent with the norms of the statutory bodies, to the SRC for its recommendation to the Academic Council for approval.
- c) If considered necessary, SRC may propose other qualifications/requirements in specific areas, consistent with the norms of the statutory bodies, to the Academic Council for approval.

Note:

1. Undergraduate candidates graduated from reputed institutions (IITs, NITs, IISc, IISER) with 8.5 CGPA or more are eligible to take Admission in Ph.D Program after clearing Research Admission Test.
2. The undergraduate students admitted to Ph. D. programs are required to earn additional 8 more credits compared to Post graduate students admitted.
3. In case Full time scholars receiving stipend discontinue in between before completion of the duration of the program, the stipend received is to be refunded in full.

3. ELIGIBILITY CONDITIONS FOR ADMISSION:

- a) It is desirable that the applicants, who possess minimum prescribed qualifications for admission to the Ph.D. program, should have an excellent academic/professional track record in the relevant discipline.
- b) The applicant for Part-time Ph.D. should:
 - Prove to the satisfaction of School Research Committee that his official duties permit him to devote sufficient time to research.
 - Ensure that facilities for pursuing research are available at his place of work in the chosen field of research, wherever required.
 - Internal Faculty members will also be eligible to apply for the Ph.D. program and will be allowed to use the R&D facilities of the University in pursuit of the program.

4. PROCEDURE FOR ADMISSIONS:

- a) Applications for admission to the Ph.D. program shall be invited through an open advertisement. The intake for each program is approved by the Vice Chancellor and reported in Academic Council.
- b) The Office of the Dean (R&I) at the University shall execute and oversee the entire admission process.
- c) The Research Aptitude Test (RAT) is conducted under the supervision of the Controller of Examinations and the interviews are conducted by an interview panel approved by VC. The candidate has to secure a minimum of 50% in RAT to qualify for admission to the Ph.D. program. [The syllabus of the RAR shall consist of 50% of research aptitude and 50% shall be subject-specific]
- d) Admission shall be subject to the criteria of minimum qualifications as mentioned in Clause 3 and performance in the Aptitude Test and presentation, as mentioned under clause 4 (c), hereinabove.

- e) Entrance Test may be exempted for the following cases:
- Candidates with UGC NET (including GRF/UGC/CSIR NET/ GATE/ SLET/ GPAT/ National level examination qualification or any other examination as notified by the UGC from time to time.
 - The scientists/researchers from government, semi-government or private institutions/labs of repute.
 - Candidates who were admitted previously to a Ph.D. Program at a recognized university through an Entrance Test and wish to transfer to the Ph.D. program at MBU.
- f) In the case of international students, the Entrance Exam may be arranged online and subsequent presentation/interview be held through video conferencing. In addition, the students will normally be required to submit two letters of recommendation.
- g) The University reserves the right to limit the number of scholars to be admitted to the University at any time. The resources and other facilities/fiscal constraints would guide this decision.
- h) Non-Resident Indian (NRI), Persons of Indian Origin (PIO) and Foreign Nationals may be admitted to the program in accordance with the policy guidelines laid down by the Government of India.
- i. The eligible students as specified above will have to appear for an interview/viva voce which will be organized by the SRC. The objective of this interview is to discuss the research interest of the candidate through a presentation before the SRC.
 - ii. The interview panel will also consider the following aspects:
 - a. That the candidate possesses the competence for the proposed research
 - b. The research work can be suitably undertaken at the University or at their workplace in the case of part-time candidates.
 - c. The proposed area of research can contribute to new/additional knowledge.

5. TIME PERIOD REQUIREMENT FOR SUBMISSION OF THE Ph.D. THESIS:

- Full time Ph.D. program shall be for a minimum duration of three years, including course work, and a maximum of six years.
- Part time Ph.D. program shall be for a minimum duration of Four years, including course work, and a maximum of six years.

6. COURSE CREDIT REQUIREMENTS AND REGISTRATION FOR COURSES:

- a) Schools shall have a basket of course modules, which can be offered to Ph.D. candidates.
- b) The newly created course will be prepared by the supervisor in consultation with SRC. The SRC will forward its recommendations to the Vice Chancellor who will be empowered to approve the new course. The list of all these courses will be submitted to the Academic Council for ratification.
- c) Each registered student shall undertake course work as prescribed by the SRC for a minimum period of one semester. The coursework will be treated as a pre-Ph.D. course.
- d) A minimum of 12 credits of course work and synopsis (2 credits) are mandatory for all the students provisionally admitted/registered in the Ph.D. Program as per the following details:
 - Research Methodology – 4 Credits (The research methodology will cover areas on quantitative and qualitative research methods, computer applications, research ethics, training etc.
 - Publication Ethics-2 credits
 - Domain-specific courses (minimum 2 courses of 3 credits each) – 6 Credits
 - Synopsis followed by a presentation in SRC – 2 Credits
- e) However, SRC may assign additional courses to be taken by the student based on his/ her research intent and academic background subject to the maximum credit of 16.
- f) The examination/evaluation scheme for the courses shall be as per the existing regulation of the university on examinations.
- g) A candidate will earn credits for a Course Unit only if he obtains a minimum of 55% marks or its equivalent Grade/CGPA on the UGC 10 Point Scale in order to be eligible to continue in the program and submit the thesis.

7. Procedure for Monitoring the Progress of Research Scholars

A Research Scholar shall make a presentation of the progress of his / her work to the SRC once in a six months and submit the progress report of work done by him/her in the prescribed proforma two weeks before the end of every six months to Dean (R&I) through Guide and SRC along with the remarks. The report should have following items:

- (i) Progress of the work
 - (ii) Course work status
 - (iii) Progress of the work in the current period (6 months)
 - (iv) Publications if any
 - (v) Plan for next 6 months
- b. The SRC would review the progress and suggest further needs if required.

c. If progress of the Research Scholar is tardy, the SRC shall record the reasons for the tardiness, warn the Research Scholar and suggest corrective measures. If the SRC finds that the progress is not satisfactory even after two such warnings, the registration will be cancelled.

8. Comprehensive Examination

- ❖ After successful completion of the course work the scholar is required to undergo a comprehensive examination within a maximum period of two years (preferably within one and half years) from the date of registration.
- ❖ The comprehensive examination may be written and/or oral examination and shall be conducted by the SRC. Office of the Dean (R&I) will coordinate the examination as per the guidelines.

9. THE ELIGIBILITY CRITERIA AND RECOGNITION OF Ph.D. SUPERVISOR (S)/ CO- SUPERVISOR (S):

The eligibility for being a Ph.D. guide as per UGC rule is:

- a) The Supervisor(s) shall be a regular/full-time faculty member of the University/ Constituent Unit with an earned Ph.D. degree.
- b) The Professor/ Associate Professor with at least five research publications and Assistant Professor with at least three publications in the journals meeting the school-specific criteria according to the school. The Professor with at least five research publications and Associate Professor / Assistant Professor with at least two publications in the journals.
- c) An external person from industry/academia from India / abroad with an earned Ph.D. degree and proven track record in the subject area may be appointed as a Co-Supervisor.

The faculty fulfilling the above criteria will be eligible to apply to become research supervisors

10. PUBLICATION

The student before submission of his Ph.D. thesis/monograph must have published a minimum of two research papers in a refereed journal (list of journals to be published/endorsed by the Office of the Dean (R&I) for adjudication and produce evidence in the form of acceptance letter or the reprint.

11. LONG ABSTRACT:

- a) Upon completion of research work, the candidate shall submit to SRC through Supervisor(s), eight copies of the long abstract of his thesis. The composition of the abstract should be as follows (i) Introduction- background motivation and objective

of thesis literature (ii) Experiment / Empirical work and methodology (iii) Research and discussion based on the published research papers (iv) Conclusion and future scope (v). Bibliography (vi) Published papers

- b) SRC shall, in a meeting in which the candidate shall be required to be present, scrutinize the long abstract and recommend the title of the thesis after revision, if necessary.
- c) The SRC will approve and forward the long abstract with its recommendations to the CoE for the appointment of the thesis examiners.
- d) If a candidate fails to submit his thesis within four months of the approval of the long abstract, he shall be required to submit a fresh long abstract. However, in case a candidate fails to submit his thesis within the stipulated time and has proper justification for the delay, the Dean R&I may, on the recommendations made by the SRC and on individual merits of each case, grant him an extension of not more than two months.

12. PANEL OF EXAMINERS FOR Ph.D.:

- a) A Ph.D. thesis shall be evaluated by two external examiners. At least one of the external experts will be from outside the country.
- b) The external examiners should be Professor / Associate Professor from Institutes/Universities of repute.
- c) The scientist F/ Joint Director or higher education of Institute or from the industry having a Ph.D. degree can also be an external examiner.

13. THESIS PREPARATION AND SUBMISSION:

- a) Four soft bound copies and a soft copy of the thesis shall be prepared and submitted written in English unless otherwise approved by the SRC.
- b) No part of the thesis shall have been submitted for the award of any other degree or diploma.
- c) The thesis shall involve an in-depth study and critical review of the area of his topic and the creation of new knowledge in the area. It should bear evidence of the candidate's capacity for analysis and judgment as well as his ability to carry out independent investigation, design or development. It should be characterized by the discovery of facts or a fresh approach towards interpretation of facts and theories or significant contribution to knowledge or development or a combination of these.
- d) A long abstract as per the prescribed format will be submitted to the R&I Office by the student. Prior to the submission of the thesis, the student shall make a long abstract presentation in the SRC that shall be open to all the faculty members and

research students for getting feedback and comments, which can be suitably incorporated into the draft thesis under the advice of the Supervisor(s).

- e) The SRC Chairperson shall prepare the panel of six examiners (including two foreign examiners) and shall submit the list to the Dean R&I office. The Dean R&I will recommend four names out of it. The Vice Chancellor will accord his approval for two examiners on the recommendation of the Dean (R&I).
- f) After clearing the viva-voce examination, two copies of the thesis in hardcover binding must be submitted. These hardbound copies shall include supplements if required in the viva-voce examination, with a covering certificate of the Supervisor in the prescribed proforma. For external examiner(s), the candidate shall provide additional copies of the supplement.

FEE STRUCTURE FOR RESEARCH PROGRAMMES

FROM THE ACADEMIC YEAR 2022-23

A. Ph.D. PROGRAMME (FULL TIME/PART TIME)

Sl. No.	Particulars	Full – Time & Part –Time (in Rs.)
1.	Application Fee	2,000/-
2.	Registration Fee	10,000/-
Tuition Fee		
3.	a) For Candidates from Academics and Research Institutions (Per Semester)	30,000/-
	b) For Sponsored candidate from Industries (Per Semester)	50,000/-
4.	Career Guidance Fee (<i>One Time</i>)	1,000/-
5.	University Development Fee (<i>One Time</i>)	2,000/-
6.	Library Fee (<i>One Time</i>)	1,500/-
7.	e-Consortium (<i>One Time</i>)	3,000/-
8.	a) Examination Fee (<i>Per Subject</i>)	1,000/-
	b) Application + Marks Card Fee (<i>Per Exam</i>)	100/-
9.	Comprehensive Viva Fee	25,000/-
10.	Thesis Submission Fee	25,000/-
11.	Penal Fee for late submission of thesis (<i>more than three months and less than twelve months from the date of submission of synopsis</i>)	10,000/-
12.	Provisional Degree Certificate Fee	2,000/-
13.	Convocation Certificate Fee	2,000/-
14.	Fee for Ph.D. Defense	60,000/-

B. STIPEND FOR FULL TIME Ph.D. SCHOLARS

First Year : Rs.10,000/- per month

Second Year : Rs.12,000/- per month

Third Year : Rs.15000/- per month

Note: Full Time Scholars shall be given 6 hrs of Theory/laboratory workload in addition to their Regular Research work.