RESEARCH & ETHICS POLICY

DEVI AHILYA VISHWAVIDYALAYA, INDORE

देवी अहिल्या विश्वविद्यालय इन्दौर

NAAC ACCREDITED "A" GRADE

1610

FIRST REVISED VERSION, 2018

Vice-Chancellor's Message



Since its inception in 1964, the Devi Ahilya University, Indore (DAVV) has grown to become Madhya Pradesh's prestigious and most sought-after University. Our University is known for the excellence in teaching, research, and service. We have more than 150000 student enrollment per year. This number includes nearly 10000 enrollments in University Teaching Departments. Our research programs range across all disciplines.

As we look into the future, one thing is certain that the technology and the knowledge will be the key nation-building resources. These will be the most sought-after ingredients within the country and around the world for true progress. Therefore, it is our paramount duty to help in generating ideas that will benefit society, educate and train people, to work in fields where they will be valued for their specialized knowledge. Our acumen in research, to communicate and solve issues need to be improved from time to time. To meet these challenges, alliances with research institutions, partnership with government and other agencies are to be undertaken expeditiously. We should leave no stone unturned to ensure the quality of our academic programs, excellence of our teaching, learning and research.

The heart and soul of University life is the possibility of generating new ideas. Ideas that can address the most fundamental problems of humankind. Our effort at DAVV, through the work of the interdisciplinary schools, the contribution of the outstanding faculty members and students, is to promote research at University in all its manifestations. The best research outcome often emerges at the intersection of disciplinary boundaries. DAVV thus encourages intellectual and academic collaborations among and between our 28 Schools and around 42 interdisciplinary Research Centers.

Research at DAVV is supported through a framework of policies and committees that encourage and facilitate internal and external research funding, incentivize high-quality research, and promote the professional development of our researchers. With suitable policies to guide the research fraternity, we are optimistic that our total commitment will lead us to achieve the goals.

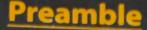
Our University is the first University in Madhya Pradesh which formulated its Research Policy in 2013. It is our pleasure that after evaluation, revised policy is being framed in 2018. I am confident that this revised research policy will be even more fruitful in the growth of the University.

All the best wishes to all the researchers of the University.

Dr. Narendra Kumar Dhakad Vice-Chancellor

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Research is the foundation of knowledge that brings new energy, builds state of the art facilities, promotes research publications, develops collaborations and becomes part of active academic community. Research and developmental activities create and disseminate new knowledge across domains, promote innovation which in turn, motivate better learning and teaching among faculty members and students. Rapid growth in scientific knowledge is an indication of quest for discovery and has an impact on economic and societal development.

Science, technology and innovation are often initiated at the University research environment and it is also the policy of Devi Ahilya University (DAVV), Indore as these are often incorporated in the courses. However, this advancement of new knowledge can be initiated in an appropriate research environment. Hence a guiding research new research policy is revised version of existing one, which also includes skeleton of the various schemes

A. Purpose

The purpose of the Research Policy is to create a vibrant atmosphere of research among faculty and researchers in DAVV, including post graduates and Undergraduates. The policy shall serve as an overall framework within which research activities and research incentives may be carried out. The policy is expected to serve in enhancing the University's reputation internationally and enhance research output per full time academic activity, contributing towards National and International Accreditation/Ranking Frameworks.

B. Scope

The benefits of this policy shall be applicable to Faculty (Regular/Contractual), Researchers, PhD/ M.Phil/PG/UG students registered in UTD's.

C. Objectives

• To create an enabling environment within the University to foster a research culture as well as to provide required support through research framework and guidelines.

• To enable and ensure publications in quality journals, indexed in Scopus/Web of Science/ICI and/ or with good impact factor, besides publications in UGC recognized Journals, as well as, to ensure presentation of good quality papers in B or higher ranked International/ National Conferences.

• To create Centers of Excellence in various University Teaching Departments(UTDs).

• To establish more number of UGC supported SAP/DSA departments.

• To nurture an environment of undertaking socially useful research with potential for commercialization.

To establish Incubation centers, start up facilities.

• To facilitate creation of Research clusters amongst the universities/colleges/research institutions within the state for sharing research facilities, human resources, skills and infrastructure to ensure optimal utilisation of resources and to create synergies among higher education institutions

• To forge Interdisciplinary Collaborations and multidisciplinary research partnerships within departments in the University as well as, to foster collaborations nationally and globally.

• To create and strengthen an IPR Cell in the University.

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D. Custodian of Policy

The implementation and updating of Research Policy shall be carried out by Research Development Council. The council shall be headed by the hon'ble Vice-chancellor/ a Senior Professor.

E. Policy and Guidelines

1. Undertaking Research

Faculty members of DAVV are expected to undertake research, leading to quality publications, presentations in National / International / Regional conferences / seminars of repute, invited or Expert talks in conferences / seminars / trainings and meetings, generation of Intellectual property with potential for commercialization, socially useful outcome and other similar research activities.

2. Obligations of faculty (Regular/ Contractual/ Adhoc) and researchers.

Participation in research activity is mandatory for all faculty members. Research output will be considered one of the criteria for faculty recruitment and promotion along with other academic responsibilities.

3. Recruitment and Promotion

The University shall recruit such faculty members and researchers who have demonstrable / demonstrated capability in research. Faculty promotion may significantly depend on research undertaken. The quality of research output, especially research publications, may be assessed on the established yardsticks such as Impact Factor (IF), or as revised from time-to-time, as appropriate.

4. Research Management

Overall management of research activities may be coordinated by Research Development Council, under the supervision of VC/ a Senior Professor, assisted by office of Registrar and Task group for Fostering Excellence in Research and an advisory body. Each School's research activity will be coordinated by Head of Department. A dedicated Research Management Software (RMS) shall be in use.

5. Quality of Publications

The research carried out in university system should be of good quality adhering to highest standards of ethics. In order to recognize the research contribution, the University encourages publications in journals indexed in Scopus/Web of Science/ICI. Impact factor provided by Journal Citation Reports (JCR) at Thomson Reuters would be taken into account.



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F. Incentives for Research

1. Research Promotion Grant for newly inducted Faculty

University strives to provide Research Promotion Grant/Seed Money for newly inducted Faculty to the tune of 3-6 Lakhs as start up grant to create basic research/Computational facility.

2. Travel Support Grant

Faculty members (Regular/Contractual), non-vocational staff, Researchers (Post Doc, PhD, PG and UG students) may be provided travel support for presenting a paper in national/International Conferences after satisfying following criteria:

a. Faculty/Staff

A faculty should have published at least one research paper in Scopus indexed/WOS/ICI Journals in the same/preceding year in order to be entitled for travel support for international travel for presenting a paper. The conference should be ranked B or more as per standard ranking system. The support would include air travel, registration fee and boarding expenses. For domestic purpose also, faculty must have published in at least one Scopus /WOS/ICI indexed journal in the same/preceding year. For international participation, a faculty shall be entitled for support once in three years and for domestic purpose, once/year. Besides, one has to also approach national funding agencies like DST, DBT, UGC, ICSSR, ICAR, NABARD etc for travel support well in time (at least 3 months prior). The research paper should clearly indicate affiliation of the faculty. A separate proforma is designed for this purpose

b. Researchers (Post Doc, PhD, PG and UG students)

Any research paper(s) by researchers would be supported for travel expenses for presenting paper in conference (National and International) provided that:

i. Travel support shall be provided only for participating in the ranked conference (ranked 8 or higher or Scopus indexed conference) held in India. Train fare, registration fee, boarding shall be provided.

ii. To participate in ranked conference(ranked 8 or higher or Scopus indexed conference) to be held abroad, the researcher should have published at least one research paper in Scopus indexed/WOS/ICI indexed journal in the same/preceding year. The applicant should be sole/main/corresponding author in the paper proposed to be presented in conference. The support would include air fare, registration fee and stay expenses.

In case of any dispute, final decision will be taken by the hon'ble V.C.

3. Membership of professional bodies

University will provide reimbursement up to 50% to each faculty for membership of reputed professional bodies and shall continue to do so in fature to the upper limit of payment will be Rs4000 Rs.10000/- per faculty for ordinary are set to membership respectively.

F. Incentives for Research

4. Partial support for publication charges

University shall partially support publication charges (up to 50%) for papers accepted for publication by a faculty in Scopus indexed Journals, with an upper limit of Rs 10000/ paper, subject to the condition that work must have been done in DAVV. Indore.

5. Felicitation of promising researcher (Chancellor/ Vice-Chancellor Award)

A Chancellor/Vice-Chancellor Award would be set up to felicitate promising research faculty/ researcher. The award would be based upon individual's credentials in Journal Citation Report (JCR) provided by Thompson Reuter/ publications in high impact factor journals. The felicitation will include a citation and all such awardees would be entitled for travel support mentioned in No. F - 2. Maximum number of awards will be 15/ year.

6. Stipend for Full Time Ph.D. Students

University shall strive to offer stipend to the tune of Rs. 15000/- per month to full time Ph.D. students (except faculty pursuing PhD)/ registered at research centres of the University or one of the supervisors is drawn from UTD. Such candidates would be required to undertake 8 – 10 hours teaching work/ week and are expected to spend 40 hours per week at the research centre. It is pertinent to note that University has already set up Golden Jubilee fellowship @12000 pm - one each in Self finance departments for pursuing Ph.D.

G. Augmentation of Research Fund

1. Creation of Endowment Fund

University shall strive to reach out to social organizations, industries, alumni to set up research fellowship. University in turn will provide tax benefit as per prevalent IT Act.

2. Creation of Chairs

University shall strive to reach out to industries, govt organization for creation of Chair which shall help in providing financial support to enrolled PhD students.

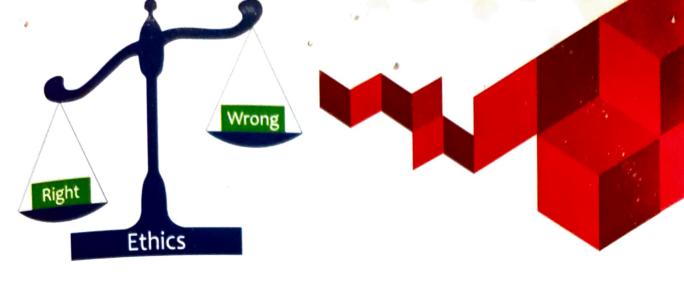
3. Introduction of budget head : "Research"

University shall introduce a separate budget head titled "Research". Individual Schools/Institutes may also have provision of spending on research in their budget.

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Ethics in Research

It is expected that each member involved in research – faculty, researchers and PG/UG researchers - will adhere to highest ethical standards of conduct. These include the following issues described in bullets below:

 Publishing the same paper in two different journals without informing the editors

Submitting the same paper to different journals without informing the editors

• Not informing intent to file a patent to the collaborator in order to make sure that researcher is the sole inventor

 Including a colleague as an author on a paper in return for a favor even though the colleague did not make a serious contribution to the paper

 Discussing with colleagues confidential data from a paper that is reviewed by the researcher for a journal

• Bypassing the peer review process and announcing results through a press conference without giving peers adequate information to review one's work

 Stretching the truth on a grant application in order to convince reviewers that researcher's submitted project will make a significant contribution to the field

• Giving the same research project to two graduate students in order to see who can do it the fastest

Neglecting or exploiting doctorate or post-doctoral students

 Making derogatory comments and personal attacks in your review of author's submission

Promising a student a better grade, for sexual favors

Using a racist epithet in the laboratory

• Making significant deviations from the research protocol approved by your institution's Animal Care and Use Committee or Institutional Review Board for Human Subjects Research without telling the committee or the board

 Not reporting an adverse event in a human research experiment

• Exposing students and staff to biological risks in violation of institution's bio-safety rules

- Stealing supplies, books, or data
- Rigging an experiment

• Deliberately overestimating the clinical significance of a new drug in order to obtain economic benefits

A disciplinary committee, on instructions of Vice-Chancellor, shall be formed in order to carry out inquiry when academic dishonesty is reported against an individual/group. Suitable disciplinary action may be initiated, if found guilty, against such individual/group.

H. Review and Modification of Policy

DAVV will review this policy after every 5 years or earlier, as per requirement. It reserves the right to modify the policy as and when required. The modified policy will come into force with approval and orders of Vice-Chancellor.

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(As Approved by the Coordination Committee in its meeting held on 25/10/2017 and Adopted by Devi Ahilya Vishwavidyalaya in its EC meeting held on 04/12/2017)

ORDINANCE NO. 11

DOCTOR OF PHILOSOPHY

Revised in light of the University Grants Commission (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degrees Regulations, 2016 published in the Gazette of India on July 05, 2016)

1. The Ordinance shall come into force with effect from the date of its notification by UGC in Gazette. With the enforcement of this ordinance, existing ordinance shall be repealed.

2. No Ph.D. scholar shall join any other course/study or appear at any other examination leading to a degree, except Certificate course(s), during his/her Ph.D. programme.

3. A candidate for the degree of Doctor of Philosophy must, at the time of application, hold a Master's degree or equivalent in the concerned or allied subject with at least 55% Marks (50% for SC/ST/OBC(non-creamy layer)/Differently-Abled and other categories of candidates as per the decision of the UGC from time to time, or for those who had obtained their Master's degree prior to 19th September, 1991.) of the University, a deemed University or other University incorporated by any law for the time being in force and recognized by the University.

*For Candidates belonging to the following faculties, eligibility of the candidate will be decided as follows:

- a. Faculty of Ayurved As per CCIM norms.
- b. Faculty of Medicine -
 - I. Allopathy subjects As per MCI norms.
 - II. Nursing subjects As per INC norms.
 - III. Homeopathy subjects As per CCH norms.
- c. Faculty of Dentistry As per DCI norms.
- **4.** A candidate shall ordinarily be permitted to work for Ph.D. Degree in the subject in which he/she has obtained his/her Master's Degree.

Provided that, research work leads to Ph.D. Degree may be allowed in allied subject of interdisciplinary nature of the same faculty or of allied faculties. In such cases, candidates may be permitted to work under one or two co-supervisors along with the supervisor. **5.** Candidates shall be admitted through an entrance test followed by an interview. The students who have qualified UGC-NET with JRF / UGC-CSIR-NET with JRF / teacher fellowship holder or any other Government / Foreign research fellowship holder or have passed M.Phil. programme (as per UGC Regulations 2009 or amended thereafter) with course work shall be exempted from the entrance test but they have to appear in the interview.

6. The university shall annually decide well in advance the number of seats available for Ph.D. programme in each subject. The university shall notify on its website and through advertisement in at least two (2) national newspapers, of which at least one (1) shall be in Hindi language, the number of seats for admission, subject/discipline-wise distribution of available seats, criteria for admission, procedure for admission, examination centre(s) where entrance test(s) shall be conducted and all other relevant information for the benefit of the candidates.

7. While assessing the number of vacancies under a supervisor, the actual date of submission of Ph.D. thesis under his/her supervision shall be taken into account.

8. Procedure of Admission:

- a. In response to the advertisement or notification of the university, the candidate desirous of seeking admission to Ph.D. programme shall be required to submit application on prescribed form (Appendix-I) along with demand draft of prescribed entrance test fee and supportive documents to the office of the Head of the proposed centre of entrance test within the given time period.
- b. Candidates shall be admitted through the **Doctoral Entrance Test (DET)**, which shall be conducted for each subject separately at the University Teaching Departments or other venues as decided by the University.

Provided that, the colleges which are approved research centers, shall be allowed to conduct the DET for the subjects not available in the University Teaching Departments.

Provided further that, the Vice Chancellor may assign to the allied or to any University Teaching Department to conduct the DET for the subjects available only in the colleges.

c. The Vice Chancellor shall constitute a departmental Research Advisory Committee (RAC) to conduct the DET comprising of the following members:

1. Dean of the concerned faculty	- Chairperson
2. Chairperson, Board of studies	- Member
3. Head of the Department/ Principal	- Member & Co-ordinator
4. One subject Supervisor from the UTD (if available) to be nominated by the Vice Chancellor	- Member

 5. One subject Supervisor from a College / - Member Research Establishment (if available) to be nominated by the Vice Chancellor

If the Dean of the faculty is not available, the Vice Chancellor shall appoint any other Dean or a Senior Professor of the University to chair the Research Advisory Committee.

Chairman and two other members shall form the quorum. In case quorum is not complete then the Vice Chancellor may nominate one or two subject experts in the relevant field(s) from the same university / other university to form the quorum. Unversity may also conduct the **DET** in different subjects through a committee constituted by the Vice Chancellor.

- d. The functions of the RAC shall be as follows:
 - **1.** To scrutinize the applications.
 - **2.** To arrange the Doctoral Entrance Test.
 - **3.** To conduct the interview.
 - **4.** To submit the final list of candidates.
 - 5. Any related work assigned by the Vice-Chancellor.

9. (a) Entrance Test:

The Doctoral Entrance Test will have the question paper in two parts. Part-A shall consist of 50 objective type compulsory questions of 1 mark each based on research methodology. It shall be of generic nature, intended to assess the research aptitude of the candidate. It will primarily be designed to test reasoning ability, data interpretation, and quantitative aptitude of the candidate. Part-A may be common within the same faculty. Part-B shall also consist of 50 objective type compulsory questions of 1 mark each based on the subject of the research. The syllabus of both parts of the question paper shall be approved by the concerned Board of Studies. The Paper shall be prepared by a panel of examiners recommended by the Examination Committee of the concerned subject and approved by the Vice Chancellor.

The duration of the Doctoral Entrance Test will be of two hours. There will be no negative marking.

The candidates must score minimum 50% marks (45% for SC/ST/OBC)in the entrance test to qualify for the interview. A list of the eligible candidates for interview shall be prepared by the RAC on the basis of the result of the Doctoral Entrance Test and the same shall be submitted to the Registrar to notify.

(b) Interview:

The successful candidates of the Doctoral Entrance Test shall have to appear in the interview. The interview shall be conducted by the Research Advisory Committee.

The candidates are expected to bring the No Objection Letter from the proposed Supervisor and Co-supervisor (if applicable) duly forwarded from the Head of the research centre (s).

The candidates are required to discuss their research interest / area through a presentation before a duly constituted Research Advisory Committee. The interview/viva-voce shall also consider the following aspects, viz. whether:

- the candidate possesses the competence for the proposed research;
- the research work can be suitably undertaken at the research centre;
- the proposed area of research can contribute to new/additional knowledge.

The evaluation in interview will be based on 100 marks to be allocated in the following criteria, each of 25 marks:

- (i) Research plan
- (ii) Research potential/ aptitude
- (iii) Communication skills
- (iv) Subject knowledge in the respective area of research.

The RAC shall decide the cut-off marks in interview for admission for Ph.D

The Chairperson, RAC, will allocate the marks in each of above criterion after consensus. In case of disagreement among the members the average of the marks given by individual member will be the final marks in the criterion. Merit list will be prepared on the basis of the marks obtained out of 100 marks in the interview and the decided cut-off marks.

The RAC shall finalize the list of the candidates to be admitted to the Ph.D. programme in the concerned subject as per the merit and availability of seats. It shall also allot the Research centre, Supervisor, Co-Supervisor (if any), and approve the tentative area of the proposed research work. The final list shall be submitted to the Registrar. After the approval of the Vice Chancellor, the list shall be notified.

Note: (i) While granting admission to Ph.D. programme, the RAC will pay due attention to the State Reservation Policy.

(ii) The RAC should also see that only the predetermined number of students shall be admitted to Ph.D. programme.

10. Allocation of Supervisor:-

The allocation of the supervisor for a selected student shall finally be decided by the RAC in a formal manner depending on the available seats with the supervisor, the

available specialization among the supervisors and the research interest of the student as indicated during the interview.

In case Supervisor is not working at the research centre a Co-supervisor may be allotted from the research centre to guide and monitor the research scholar at the centre. In case Supervisor / Co-supervisor belongs to the Research Laboratory recognized by the University as research centre through MoU then respectively Co-supervisor/ Supervisor will be allotted from the UTD with which Research Laboratory has the MoU.

In case of topics which are of inter-disciplinary nature where the RAC feels that the expertise in the research centre has to be supplemented from outside, the RAC may appoint a Research Supervisor from the research centre, who shall be known as the Research Supervisor, and a Co-Supervisor from outside the Research centre/ Faculty / College/ University on such terms and conditions as may be specified and agreed upon by the consenting Institutions/Colleges.

11. Course Work:-

(a) The candidates selected for Ph.D. programme are required to apply for the Ph.D. registration on prescribed proforma downloadable from the university website (Appendix-II). The duly filled registration form along with the necessary documents and certificates shall be forwarded by the research centre after verifying the payments of the following fees:

- (i) Registration fee
- (ii) Ph.D. Course work fee
- (iii) Research Centre fee for six months
- (iv) Research Centre Caution Money (payable once only and refundable)
- (v) University Library fee for six months
- (vi) University Library caution money (payable once only and refundable)
- (vii) IT Infrastructure fee for six months
- (viii) Research Laboratory fee for six months (where laboratory work is involved)
- (ix) Identify card fee
- (x) Any other fee as decided by the university.

Duly forwarded Ph.D. registration form should be submitted to the University and a photocopy of the same form and documents should be submitted to the Research Centre.

The candidates already completed the course work with at least 55% of marks in M.Phil. and admitted to the Ph.D. programme shall be exempted from the Ph.D. course work and its fee. All other candidates admitted to the Ph.D. programme and submitted the Ph.D. registration form shall be required to complete the course work of 16 credits as prescribed by the University/ Research Centre during initial one or two semesters. The course work shall be treated as prerequisite for Ph.D. preparation. All courses prescribed for Ph.D. course work shall be in conformity with the credit hour instructional

requirement and shall specify content, instructional and assessment methods. The examination and evaluation scheme for Ph.D. course work shall be as per the examination and evaluation scheme of the University applicable to the other programmes of the UTDs.

The Ph.D. course work shall contain the following courses:

(i)	Research Methodology	4 credits
(ii)	Review of Published Research in the relevant field	3 credits
(iii)	Computer Applications	3 credits
(iv)	Advance course in the relevant subject	3 credits
(v)	Comprehensive Viva-Voce	3 credits

The course on Research Methodology should cover areas such as statistical research methods, research ethics, research report writing, etc. The course on Review of Published Research in the relevant field will be undertaken under the supervisor or the regular teacher of the centre of course work and the candidate has to consult the library or other resources to carry out the literature review. At the end of the semester the candidate has to submit a brief report on the literature review for evaluation, which will be done by the two examiners. The course on computer applications will include the computer applications helpful in the relevant subject. The advanced course in the relevant field shall comprise the topics related to the subject of research. The syllabus of the courses on research methodology, computer applications, and advanced course shall be decided by the concerned Board of Studies.

The final grades shall be submitted to the University. The University shall issue the certificate of the Ph.D. course work in the prescribed format (**Appendix-III**).

(b) The course work shall be conducted in the University Teaching Departments/ Research centers as approved by the Vice chancellor.

(c) A combined course work for M.Phil. and Ph.D. students may be conducted for a single / group of subjects wherever possible.

(d) If found necessary, course work may be carried out in sister UTD/ Institute within the University for which due credit will be given.

(e) If a student obtains F or Ab Grade in a course/ subject, he /she will be treated to have failed in that course. He / she have to reappear in the examinations of the course as and when conducted or arranged by the UTD in the next semester. Marks obtained earlier in continuous assessment may be carried forward and added to the marks obtained in repeat end-semester examination to decide the grade in the repeat course. The student has to pay the prescribed fee for repeating the course. If he/she further fails in the course, he/she shall not be given another chance and he/ she shall be out of the Ph.D. programme. No student shall be allowed to repeat the course to improve the grade if he/ she pass the course.

(f) The candidate has to obtain a minimum of 55% of marks or its equivalent grade points in aggregate in the course work in order to be eligible to continue in the Ph.D. programme.

12. Registration of the student:

After successful completion of the Ph.D. course work the students shall submit the copy of the certificate of the course work and synopsis of the proposed research work in the prescribed Proforma (Appendix-IV) to the University within two months from the date of declaration of result of the Ph.D. course work.

The University shall conduct the meeting of the **Research Degree Committee (RDC)** consisting of the following members:

- (i) Vice Chancellor or his nominee Chairman
- (ii) Dean of the Faculty.

(iii) Head of the University Teaching Department/School of Studies in the subject.

(iv) Chairman, Board of Studies in the Subject.

(v) One external subject expert of the rank of University Professor to be appointed by the Vice Chancellor, ordinarily out of a panel of 5 experts given by the Chairman of the Board of Studies concerned. The term of panel shall be coterminous with the Chairman Board of Studies.

External expert and two other members shall form the quorum.

The candidate shall make an oral presentation of his/ her proposed research work before RDC.

Note: - On the request of the supervisor, Vice Chancellor may permit him / her to be present as an observer during the oral presentation of his/ her candidate.

The RDC shall recommend the topic of research and the date of registration of the candidate for the Ph.D. degree. On approval by the RDC, the candidate shall be registered and enrolled as a Ph.D. student from the date on which candidate deposited the registration fee or as decided by RDC whichever is later. Candidate will also be required to pay regular tuition, library, IT centre and laboratory fees (six monthly) during his research tenure.

Provided that, if the RDC approves the topic and suggests a minor change, then the candidate shall be allowed to submit a revised synopsis through the Chairperson, BOS and Dean of the faculty.

13. If the RDC does not approve/recommend a candidate for registration to Ph.D. Candidate shall be allowed to make an oral presentation again in the next RDC. In such cases, date of registration shall be as per the recommendation of RDC.

Provided that, if candidate fails to be present or satisfy the RDC for the second time, his / her case will be rejected / cancelled. In such case, the caution money deposited by the candidate shall be refunded.

14. A candidate shall pursue his/her research at the allotted research centre.

15. In case of any dispute in the RDC regarding allied subjects of interdisciplinary nature, the case should be referred to the Academic council. The Vice Chancellor may constitute a committee in this regard and the report of the committee should be placed before the Academic council/standing committee for decision.

16. The meeting of the Research Degree Committee shall be held in the University Office twice a year preferably in a gap of six months. The committee shall recommend the eligibility of the person for the appointment as Supervisor/ Co-supervisor and prepare a list accordingly. This list shall be available with the Registrar.

Provided that, a candidate permitted to work in a research establishment recognized by the university shall be required to take one Supervisor/ Co-Supervisor from the institution/ research establishment where the candidate is actually working.

Also provided that, a candidate may be permitted to carry out his practical work in a Research Institution/Research Laboratory/Laboratory of a University for the purpose, under the supervision of a Scientist/ Teacher of the Institution who may or may not be the Co-supervisor of the candidate.

17. Eligibility of Supervisors/Co-supervisors:

(i) A regular Professor of the University/College or Professor equivalent Scientist of the Research Establishment/Laboratory with at least five research publications in refereed journals and a regular Associate Professor (Reader) or equivalent Scientist /Assistant Professor(Lecturer) or equivalent Scientist of the university/college/ Research establishment with a Ph.D. degree and at least two research publications in refereed journals may be recognized as Research Supervisor/ Co-supervisor.

(ii) Only a full time regular teacher of the concerned University/College or scientist of the research establishment recognized as research centre can act as a supervisor. The external supervisors are not allowed. However, Co-Supervisor can be allowed in inter-disciplinary areas from other departments of the same institute or from other related institutions with the approval of the RDC.

(iii) A Research Supervisor who is a Professor or equivalent Scientist, at any given point of time, can guide upto a maximum of Eight (8) Ph.D. scholars. An Associate Professor or equivalent Scientist as Research Supervisor can guide upto a maximum of six (6) Ph.D.

scholars and an Assistant Professor or equivalent Scientist as Research Supervisor can guide up to a maximum of four (4) Ph.D. scholars.

(iv) Maximum number of Ph.D. students can work under a Co-Supervisor will be same as under Supervisor mentioned above in column (iii). However, the Vice-Chancellor may increase the number of Ph.D. students under a Co-Supervisor under very special circumstances.

(v). In case of relocation of a Ph.D. woman scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University to which the scholar intends to relocate provided all the other conditions in these regulations are followed in letter and spirit and the research work does not pertain to the project secured by the parent institution/ supervisor from any funding agency. The scholar will however give due credit to the parent guide and the institution for the part of research already done. Such cases shall be decided by the RDC. The candidate has to pay prescribed fees to the university where she is being transferred.

*For persons belonging to the following faculties, eligibility of Supervisors/ Co-Supervisors will be decided as follows:

a. Faculty of Ayurved		-	As per CCIM norms.
b.Faculty of Medicine		-	
I. Allopathy subjects		-	As per MCI norms.
II. Nursing subjects	-	As per	· INC norms.
III. Homeopathy subjects	-	As per	CCH norms.
c. Faculty of Dentistry		-	As per DCI norms.

(vi) A recognized Supervisor/ Co-supervisor who fails to publish any research paper over duration of five years shall not be eligible to enroll any new candidate under his / her Supervision.

(vii) A regular teacher/ scientist/ scholar who wants to get himself / herself recognized as a Supervisor/Co-Supervisor shall apply in the prescribed format duly forwarded by the relevant Head/Principal/Director.

Provided that, the regular teacher who has been recognized as Supervisor/Co-supervisor under the repealed ordinance shall continue to be recognized as Supervisor /Co-Supervisor.

Provided further that, a person who is registered for Ph.D. degree in any University shall not be eligible to act as Supervisor/ Co-supervisor or member of any committee mentioned in this Ordinance.

18. The candidate shall pursue his research at the approved place of research under the supervisor/Co- supervisor on the approved subject.

The candidate shall put in at least 200 days attendance after completing course work in the Institution concerned or with the Supervisor.

The candidate shall be permitted to submit his/her thesis not earlier than three years and not later than six calendar years, from the date of registration. In case a candidate does not submit his/ her thesis within six calendar years from the date of registration and does not apply for extension in time, his/her registration shall stand automatically cancelled.

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

Provided that the period for submission of thesis can be extended by one year by the Vice Chancellor, if he/she applies for extension at least one month before the expiry of registration period together with a prescribed fee. In case the candidate does not submit his/her thesis within the extended period his/her registration stand automatically cancelled.

Provided also that, Vice Chancellor may permit a candidate to get re-registered on the same topic on payment of re-registration fee. The minimum period of three years and attendance shall not apply to such reregistered candidates.

19. A candidate may be allowed to change the Supervisor by the Vice Chancellor on the recommendation of the RAC or Chairman BOS and Dean of the faculty under special circumstances. No major change in the topic of research will be permitted due to change of supervisor.

20. (a) The University shall obtain every six months a record of attendance, receipt of fees paid and a progress report on a prescribed format (**Appendix-V**) of the work of the Research Scholar from his supervisor.

(b) If the progress of work is not found satisfactory in two successive reports or no reports are received for a period of one year and the candidate fails to deposit the fee, the Vice Chancellor may order the removal the name of the Scholar from the list of those registered for the Ph.D. Degree.

21. Evaluation and Assessment Methods, minimum standards for award of the degree:

The candidate shall submit a draft dissertation / thesis to the research centre prior submission of the research summary and the scholar shall make a presentation in the research centre 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/ co-supervisor.

On the advice of the Supervisor and Co-Supervisor (if any) minor changes in the thesis title may be approved by the Research Advisory Committee.

22. Ph.D. scholars must publish at least one (1) research paper in refereed journal and make two paper presentations in conferences / seminars before the submission of the thesis for adjudication, and produce evidence for the same in the form of presentation certificates and/or reprints.

23. (a) The candidate shall submit six copies of the summary of the thesis together with a list of research papers published/communicated for publication, if any, through his Supervisor to the Registrar about three months prior to the anticipated date of submission of thesis.

(b)The Supervisor shall submit a panel of at least six names of examiners actively engaged in the concerned area of research not below the rank of Associate Professor (Reader) or college Professor in a sealed envelope to the Registrar. Provided that the panel of examiners shall be obtained from the Head University Teaching Department/School of Studies/chairman Board of Studies of the subject concerned, in case the candidate is related* to the Supervisor.

(c) On the receipt of the panel of examiners from the Supervisor and summary from the candidate, the Registrar shall call a meeting of Examination committee of the subject concerned. Considering the panel submitted by the Supervisor/Head University Teaching Department/School of Studies/Chairman, Board of Studies, and the committee shall prepare a panel of six examiners.

(d) The Vice Chancellor shall appoint out of the panel submitted by the Examination Committee, four examiners in order of preferences. Out of which at least two shall be from out of the state. The consent of examiners shall be obtained by sending them the summary and list of publications.

Note: - Supervisor/Head of the department/Chairman Board of Studies as well as Examination Committee can recommend the name of foreign examiners. In case a foreign examiner appointed by the Vice Chancellor and the candidate whishes the thesis to be sent by AIR MAIL he/she shall have to bear the charges on AIRMAIL.

*The term relations shall include: Father, Mother, Wife, Husband, Daughter, Son, Grandson, Granddaughter, Brother, Sister, Nephew, Niece, Grandnephew/ Grandniece, Uncle, Aunt, Son-in-law, sister-in-law, father-in-law, mother-in-law, first cousin-in-law etc.

24. The candidate shall submit three copies of hardbound thesis and soft copy in the form of CD along with the following:-

(a) Minimum one Research Paper published in a referred journal and two research papers presented in conferences / seminars along with evidence for the same in the form of presentation certificates and/or reprints.

(b) The University shall evolve a mechanism using well developed software and gadgets to detect plagiarism and other forms of academic dishonesty. While submitting the thesis for evaluation, the thesis shall have a declaration from the research scholar, forwarded by the Supervisor and/ or Co-Supervisor), stating the originality of the work, vouching that there is no plagiarism, work done under the Supervisor / Co-supervisor at the approved place of the work for the required period as per the provisions of the Ph.D. Ordinance, 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 (Appendix–VI).

(c) The Certificate from the Supervisor together with Co-supervisors, if any, that the thesis fulfills the requirements of the ordinance relating to the Ph.D. Degree of the University (Appendix – VII).

(d) The candidate shall also remit with the thesis a prescribed examination fee.

25. On receipt of the thesis along with the certificates and fee, it shall be sent to the examiners. The Ph.D. thesis submitted by a research scholar shall be evaluated by his/her Research Supervisor and at least two external examiners, who are not in the jurisdiction of the University, of whom one examiner may be from outside the country.

26. The thesis to be accepted for the award of the Ph.D. degree must comply with the following conditions:

(a) It must be a piece of research work characterized either by the discovery of the facts or by a fresh approach towards the interpretation of facts in either case it should evince the candidate's capacity for critical examination and sound judgment.

(b) It must be satisfactory in point of language and presentation of the subject matter.

27. The examiners shall categorically recommend in the prescribed proforma the acceptance/revision or rejection of the thesis together with detailed comments on the points spelled out in clause 26 of this Ordinance. The examiner must also give a list of the questions to be asked at Viva-voce examination.

28. The Vice Chancellor can recall the thesis from an examiner who fails to sent the report within two months of the date of dispatch of the thesis and appoint another examiner.

29. (a) In case both external examiners reject the thesis or one of them rejects the thesis and the other recommends a revision, the thesis shall be rejected.

(b) If both the examiners recommend for the revision of the thesis, the candidate shall be called upon to revise the thesis in the light of the observations of examiners.

(c) If one examiner approves the thesis and the other rejects it or recommends for revision the thesis shall be sent to the third examiner drawn from the panel of examiners approved by the Vice Chancellor without the reports of earlier examiners. The third examiner shall be asked to give his/her opinion and this opinion shall be final.

(d) In case both the original examiners accept the thesis for the award of the Ph. D. Degree or in the event of it being referred to the third examiner, the third examiner accepts the thesis for the award of the Ph.D. Degree, the candidate shall be called upon to appear at the viva-voce examination before a board of examiners comprising of the Supervisor / Co-supervisor (if any) and one of the two examiners (appointed by the Vice Chancellor) who have accepted the thesis for the award of the Ph.D. degree. Provided that the Vice Chancellor shall appoint Head Department/School of Studies or Chairman Board of Studies of the subject concerned to act as viva-voce examiner in place of the Supervisor, in case the candidate is related to the Supervisor.

(e) The Supervisor/Head University Teaching Department/School of Studies/ Chairman, Board of Studies of the subject concerned, as the case may be, shall be communicated the name of the external examiner appointed by Vice Chancellor to conduct the viva-voce examination. The date fixed for the viva-voce be informed to the candidate and the Registrar.

Provided that (looking to the) in special circumstances, Vice Chancellor may appoint alternate viva-voce examiner if both the examiners are not in a position to conduct the viva-voce examination.

(f) The viva- voce examination shall be conducted at the University Teaching Department/School of Studies in the subject/ research centre / or at any place and also through Video Conference, in case the candidate is unable to give Viva at the centre, fixed by the University for the purpose. The date, time and place of viva-voce examination shall be notified by the Registrar at least a week in advance. At the time of viva-voce examination, the board of examiners shall be provided the reports of the examiners which shall be returned along with the report of viva-voce examination to the Registrar.

(g) The candidate shall present the work embodied in the thesis before the board of examiners, members of / faculty, research scholars and other interested persons. After the presentation of the research work, the Board shall ask questions together with those questions which have been given along with examiners reports. Others in the audience can also ask questions and the candidate shall reply only those questions which are permitted by the external examiner.

(h) In case the recommendations of the vivo-voce examiners differ from that of the thesis examiner or there is difference of opinion between the viva-voce examiners, the candidate shall reappear at a second viva-voce examination within six-months. If the candidate fails to satisfy the viva-voce examiners a second time, his/her thesis shall be finally rejected. Such candidates would be required to pay an additional prescribed fee for second viva-

voce. The external examiner for second viva-voce shall be appointed by the Vice Chancellor.

30. If the examiners recommend that the candidate be asked to revise/improve his thesis, the candidate has to resubmit his thesis not earlier than six months and not later than eighteen months, the period being counted from the date of the issue of order to the candidate. The candidate shall be provided examiners(s) reports without disclosing the names of the examiners to enable him/her to improve the thesis. All the copies of thesis shall also be returned to the candidate.

In case the candidate is allowed to resubmit the thesis he/she will have to pay a prescribed fee afresh at the time of resubmission, but it shall not be necessary for him to reproduce any certificate of further attendance at the institution at which he/she carried out the work.

The resubmitted three copies with a soft copy in the form of CD of the thesis must make clear mention that it is a revised version.

The thesis shall be got examined as for as possible by the examiners who finally recommended for the revision.

In case both the examiners of revised thesis accepted the thesis for the award then the candidate shall be awarded the Ph.D. degree on successful viva-voce examination as per provisions of clause 29 of the Ordinance.

In case a candidate is asked to revise the thesis under clause 29(b) and one of the examiners recommends again for revision and the other accepts the thesis for award then the thesis shall be sent to the third examiner, if the third examiner rejects or recommends for revision the thesis shall stand rejected. If he accepts for the award then the candidate shall be awarded the Ph.D. degree on successful viva-voce examination as per provision of clause 29 of the Ordinance.

In case a candidate who has been asked to revise the thesis under class 29 (c) and one of the examiners recommends again for revision and the other accepts the thesis for award then the candidate shall be awarded the Ph.D. Degree on successful viva-voce examination as per provision of clause 29 of the ordinance. If the revised thesis is required to be revised a second time, it shall automatically stand rejected.

31. The thesis shall be published only with the permission of the University and such publication shall state on the title page itself that this was a thesis approved for the award of the Ph. D degree of the University.

32. After the viva-voce, the recommendation of the examiners shall be reported to the Executive Council for the award of Ph.D. degree to the candidate. One copy of the thesis will be kept in the University Library and another copy will be kept in the Departmental Library of the Institution where the research work was carried out, the third will be returned to the supervisor. After successful completion of the evaluation process and

before the announcement of the award of the Ph.D. degree, the university shall submit an electronic copy of the Ph. D. thesis to the INFLIBNET, for hosting the same so as to make it accessible to all Institutions/Colleges.

33. After the declaration of the result the successful candidates may be provided the copies of reports of examiners who recommended for the award of the degree on payment of prescribe fee. The reports will not be disclosed the identity of the examiners.

34. On detection of any irregularity, the University shall take suitable steps to withdraw the degree as per provisions of Section 6 [12] of the Adhiniyam.

The university shall develop appropriate methods so as to complete the entire process of evaluation of Ph.D. thesis within a period of six months from the date of submission of the thesis.

35. Academic, administrative and infrastructure requirement to be fulfilled by the Research Establishments / Colleges for getting recognition as Research Centre:

Research establishments/ laboratories of Government of India/ State Government with at least two Ph.D. qualified Scientists / other academic staff along with required infrastructure, supporting administrative and research promotion facilities as per this Ordinance, shall be considered eligible to recognize as research centre through MoU with the concerned UTDs.

Affiliated Post-graduate colleges may be considered eligible to offer Ph .D programmes only if they satisfy the availability of eligible Research Supervisors, required infrastructure and supporting administrative and research promotion facilities as per this Ordinance. Colleges should have the necessary recognition of the University under which they operate to offer Ph.D. programme.

Post-graduate Departments of the Colleges with at least two Ph.D. qualified teachers in the Department concerned along with required infrastructure, supporting administrative and research promotion facilities as per this Ordinance, shall be considered eligible to offer Ph.D. programmes.

Colleges with adequate facilities for research as mentioned below alone shall offer Ph. D. programme:

In case of science and technology disciplines, exclusive research laboratories with sophisticated equipment as specified by the university with provision for adequate space per research scholar along with computer facilities and essential software, and uninterrupted power and water supply.

In case of all other disciplines including S&T, earmarked library resources including latest books, Indian and International journals, e- journals, extended working hours for

all disciplines, adequate space for research scholars in the Department/ library for reading, writing and storing study and research materials.

Colleges may also access the required facilities of the neighbouring Institutions/ Colleges, or of those Institutions/ Colleges/ R&D laboratories/ Organizations which have the required facilities.

36. Treatment of Ph.D. through Distance Mode/Part-time:

University does not conduct Ph.D. Programmes through distance education mode. However, part-time Ph.D may be allowed provided all the conditions mentioned in the extant Ph.D Ordinance are met.

37. Award of Ph.D. degree prior to Notification of these Regulations, or degrees awarded by foreign Universities:

Award of degree to candidate registered for the Ph.D. programme on or after July 11, 2009 till the date of Notification of these UGC Regulations 2016 shall be governed by the provisions of the UGC (Minimum Standards and procedure for Awards of M.Phil/Ph.D Degree) Regulation, 2009.

If the Ph.D. degree is awarded by a Foreign University, the university considering such a degree shall refer the issue to a Standing Committee constituted by the university for the purpose of determining the equivalence of the degree awarded by the foreign University.

38. Depository with INFLIBNET:

Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree, the university shall submit an electronic copy of the Ph. D. thesis to the INFLIBNET, for hosting the same so as to make it accessible to all Institutions/Colleges.

Prior to the actual award of the degree, the university shall issue a provisional Certificate to the effect that the Degree has been awarded in accordance with the provisions of the UGC Regulations, 2016.

39. If UGC notifies any change in future in its Regulations governing "Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degrees", then the same will be incorporated in the existing Ordinance with the approval of the Executive Council of the University from the date of publication in Gazette by UGC.

40. The fee structure and remunerations related with Ph.D. programme shall be decided by the Executive Council of the University from time to time.

Appendix-I

	ľ	Name of the University	
niversity		ite:	
zo .			Self Attested
J -		ATION FORM FOR ADMISSION	Photograph
	_	n.D./ M.Phil. PROGRAMMES	
	IN Pr	I.D./ M.Phil. PROGRAMMES	
Academ	ic Session:		
Name of	the Programme for Adı	nission:	
[(i) Ph.D.	0		
Name of	the Subject for Ph.D. / I	M.Phil.:	
Subject	for Entrance Test:	Faculty:	
Propose	d Research Centre:		
Topose			
Propose	d Centre for Entrance T	est:	
1. Applic	cant's Name (in Hindi):		
	(in English):		
2. Date of	f Birth:	3. Gender:	
	ile of M.P.: Yes / No	5. Blood Group: _	
6. Catego	ory: Unreserved/ SC/ST/ OI	BC(non-creamy layer)/Differently-Abled:	
(Please attac	ch photocopy of proof of category	of SC/ST/ OBC(non-creamy layer)/Differently-Ab	bled)
7. Natio	nality:	_ 8. Enrolment Number (if available):	
9. Namo	e of Father / Husband:		
10. Namo	e of Mother:		
11. Annu	al Income of Parents: Rs.		
12. Are	you UGC/ CSIR NET with	JRF Qualified? Yes/ No:	
13. Do y	ou have Teacher Fellowshi	ip for Research? Yes/ No:	
14. Do y o	ou have Government/ Fore	ign Research Fellowship? Yes/ No:	

15. Do you have M.Phil. degree (as per UGC Regulations 2009 or amended thereafter) with course work? (Yes/ No): ______

(in case of "Yes" in any of the above mentioned questions no. 12-15, please provide photocopy of the proof of the same)

Aadhar No. of the Candidate: ______

17. Educational Qualifications (Enclose self attested photocopies):

Class	Board/University	Year	Grade/ % of Marks	Division	Subjects
10 th					
12 th					
Graduation					
Post Graduation					
M.Phil.					
Any Other					

18. Fee Details:

Amount (Rs.):	Demand Draft No.:	Date:	_		
Name of the Issuing Bank & Branch:					
19. Teaching / Research Experie	nce (if any).				
20. Any other information: _			-		

Date:

(Signature of Applicant)

INSTRUCTIONS

- 1. The candidate is advised to apply for admission only if he/she fulfils the eligibility requirements.
- 2. Application form may be downloaded from the University website.
- 3. Duly filled application form should be submitted to the Head, Centre for Entrance Test along with self attested copies of all relevant documents and prescribed application fee though a mode of payment as decided by the University.
- 4. The candidate should keep photocopy of the application form with him/ her. He/ she has to produce photocopy of the application form at the time of Entrance Test.
- 5. The candidate should bring his/ her valid photo ID.

Parents / Guardian Declaration

I, Father/ Mother / Guardian of	who is seeking
admission in Ph.D./ M.Phil. at College/ School/ Institute	

declare that my ward will act as per rules of the University, Program, Department etc. and not involved in any antisocial activities /ragging. We know that ragging is totally banned in the University. It is a cognizable offence. If my ward is found indulged in any type of ragging /in disciplinary activity, he/she will be punished by the Institute/ School as per the rules of the University. I take complete responsibility of his/her overall conduct at the research centre and University.

Date:

(Signature of Applicant)

(Signature of Parents/Guardian)

Appendix-II

विश्वविद्यालय का नाम				
पीएच. डी. पाठयकम में पंजीयन प्रवेश विषय	हेतु आवेदन पत्र 	स्वयं सत्यापित छाया चित्र		
भाग एक शां धार्थी का विव	रण			
1. आवेदक का पूरा नाम हिन्दी में (अंग्रेजी के बडे अ़क्षरो में)				
2. आवेदक का स्थाई पता				
3. पत्र व्यवहार हेतु पता				
4. मोबाइल न./दूरभाष क्रमांक/ई–मेल आई. डी				
5. पिता का नाम / पति का नाम (विबाहित महिला होने की अवस्था में)				
6. माता का नाम				
7. नागरिकता				
8. लिंग	9. रक्त समूह			
10. वि श् वविधालय का नामांकन क्रमांक				
11. (क) यदि किसी स्थान⁄उपक्रम में कार्यारत हो तो उसका विवरण				
 (ख) यदि (क) की जानकारी हॉ में हैं तो नियोक्ता का अनापति प्रमाण–पत्र सलंग्न करें। 12. (क) क्या आवेदक म.प्र. की अनुसूचित जाति / 	सॉ ∕ नही			
अनुसूचित जनजाति ⁄अन्य पिछडा वर्ग चिकनी परत को छोडकर⁄निः"ाक्तजन प्रवर्ग से हैं (ख) यदि हॉ तो किस प्रवर्ग का हैं। (प्रमाणपत्र की स्वंय सत्यापित प्रति संलग्न करें)				

13. आवेदक की शकषिक योग्यताः

क्रमांक	परीक्षा का नाम	ि श क्षा बोर्ड / वि श् वविधालय का नाम	वर्ष	ग्रेड / प्राप्तांक प्रति"ात	श्रेणी	विषय
1.	सेंकडरी ⁄ हाई स्कूल 10					
2.	हायर सेंकडरी 10+ 2					
3.	स्नातक					
4.	स्नातकोत्तर					
5.	एम. फिल					
6.	अन्य					

14.	शोध कार्य के लिये प्रस्तावित शीर्षक
	(Topic of Proposed Research Work)
	<u>अगर शोधार्थी ने उक्त शीर्षक पर कुछ शोध कार्य किया हो तो</u>
	उसका विसरण सहित प्रकाशित शोध पत्रो की प्रतियाँ संलग्न करें

15. क्या आवेदक अन्य किसी उपाधि के लिये संस्थागत / असंस्थागत रूप में इस वि"वविधालय अथ्वा अन्य वि"वविधालय द्वारा आयोजित किसी अन्य परीक्षा में सम्मिलित हो रहा है। यदि हॉ. तो उसका पूर्व विवरण

हॉ ∕ नही
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भाग दो– शोध निर्दे"ाक का प्रमाणिकरण

में आवेदक को उनके शोध कार्य में मार्गदर्"ान प्रदान करने के लिए सहमत हूँ। मेरे निर्दे"ान/ सहनिर्दे"ान में निम्नलिखित शोधार्थी पंजीकृत हैः

शोधार्थी का नाम	निर्दे"ान/ सहनिर्दे"ान	वि"वविधालय का नाम
1		
2		
3		
4		
5		
6		
7		

में प्रमाणित करता हूँ कि मेरे द्वारा विगत पाँच वर्षों में निम्नानुसार शोध पत्र प्रकाणित किये गये हैः

	6	3	
क.	प्रकाणित शोध पत्र का शीर्षक	जर्नल का नाम	वाल्यूम एवं पृष्ठ संख्या

शोध निर्दे"ाक के हस्ताक्षर
शोध निर्दे"ाक का नाम
पद नाम
पता
ई मेल
मोबाईल / दूरभाष क्रमांक

भाग तीन– शोध सहनिर्दे"क का प्रमाणिकरण

में आवेदक को उनके शोध कार्य में मार्गदर्"नि प्रदान करने के लिए सहमत हूँ। मेरे निर्दे"ान/ सहनिर्दे"ान में निम्नलिखित शोधार्थी पंजीकृत हैः

शोधार्थी का नाम	निर्दे"ान/ सहनिर्दे"ान	वि"वविद्यालय का नाम
1		
2		
3		
4		
5		
6		
7		

में प्रमाणित करता हूँ कि मेरे द्वारा विगत पॉच वर्षों में निम्नानुसार शोध पत्र प्रकाणित किये गये हैः

		0	
क्र.	प्रकािीत शोध पत्र का शीर्षक	जर्नल का नाम	वाल्यूम एवं पृष्ठ संख्या

शोध निर्दे"ाक के हस्ताक्षर
शोध निर्दे"ाक का नाम
पद नाम
पता
 ई मेल मोबाईल / दूरभाष क्रमांक

भाग चार— शोध केन्द्र का प्रमाण—पत्र

में यह प्रमाणित करता हूँ कि, उपरोक्त शोधार्थी के शोधकार्य से संबधित पूर्ण सुविधा इस संस्था में उपलब्ध हैं। और उन्हें शोध कार्य करने हेतु सुविधाएं उपलब्ध कराई जावेगी। यह संस्था शोध कार्य क लिए वि"वविधालय से मान्य है। अनु"ांसा सहित आबेदन पत्र अग्रेषित किया जाता है।

प्रमाणित किया जाता है कि उपरोक्त शोधार्थी ने संस्था में निम्नलिखित शुल्क जमा करा दिया हैं:

- 1. शोध केन्द्र शुल्क विभागीय कम्प्यूटर प्रयाग"ााला एवं पुस्तकालय शुल्क सहित
- 2. शोध प्रयोग"ााला शुल्क यदि उपयोग किया जा रहा हो तो
- 3. शोध केन्द्र सुरक्षा निधि शुल्क
- 4. पहचान पत्र शुल्क
- 5. सूचना प्राद्योगिकी इन्फ्रास्ट्रक्चर शुल्क

जिसकी प्राप्ति रसीद कमांक दिनांक..... है एवं रसीद की प्रति आवेदन के साथ संलग्न ह

दिनांक.....

("ोाध केन्द्र प्रमुख के हस्ताक्षर) नाम एवं मुद्रा सहित

भाग पॉच- वि"वविधालय केन्द्रीय पुस्तकालय का प्रमाण पत्र

प्रमाणित किया जाता हैं कि शोधार्थी श्री / श्री मति / कुमारी......ने

निम्नानुसार शुल्क रसीद क्रमांकदिनांकदिनांकदारा जमा कर दिया है।

1. पुस्तकालय शुल्क

2. पुस्तकालय सुरक्षानिधि शुल्क

दिनांक

(पुस्तकालयाध्यक्ष) वि"वविधालय केन्द्रीय पुस्तकालय

भाग छः – शोधार्थी द्वारा संलग्न प्रमाण

- 1. निर्धारित प्रपन्न में पूर्ण आवेदन पन्न
- 2. शोध केन्द्र में जमा शुल्क की रसीद की फोटोप्रति।
- 3. विश्वविधालय केन्द्रीय पुस्तकालय शुल्क की जमा रसीद की प्रति।
- 4. यदि शोधार्थी किसी संस्था / उपकम में कार्यरत हैं तो अनापति प्रमाण–पत्र
- 5. मार्क"ीट / ग्रेड"ीट की स्वंय सत्यापित प्रतियाँ।
- 6. यदि शोधार्थी अनुसूचित जाति /अनूसूचित जनजाति /अन्य पिछडा वर्ग चिकनी परत को छोडकर निः"ाक्तजन प्रवर्ग
- से हैं, तो सक्षम अधिकारी के प्रमाण पत्र की स्वयं सत्यापित प्रति।
- 7. गेप सर्टीफिकेट।
- 8. पात्रता प्रमाण–पत्र म.प्र. से बाहर के छात्रो के लिये।
- 9. प्रवजन प्रमाण–पत्र अन्य वि"वविधालया के लिये।

10. शोध प्रस्ताव की सात प्रतियॉ, स्वयं हस्ताक्षरित, निर्दे"ाक, सह– निर्दे"ाक, शोध केन्द्र के प्राचार्य / विभागाघ्यक्ष से हस्ताक्षर सहित।

भाग सात– शोधार्थी का घोषण–पत्र

में एतद् द्वारा घोषणा करता हूं/ करती हूँ कि मैंन अध्यादेश 15 का अध्ययन कर लिया हैं एवं मेरी जानकारी के अनुसार इस आवेदन पत्र की प्रविष्टियाँ एवं दी गई जानकारी सच्ची एवं पूर्व हैं। यदि पीएच. डी. डिग्री प्राप्त होने के पूर्व अथ्वा प"चात् कोई जानकारी झूठी या असत्य पाई जाऐ तो विश्वविधालय द्वारा मेरे विरूद्व कार्यवाही की जा सकेगी, जो मुझे मान्य होगो यह भी अभिवचन देता/ देती हूँ कि, मैं उक्त प्रस्तावित शोध कार्य के अतिरिक्त इस विश्वविधालय या अन्य किसी भी वि"वविधालय में स्वाध्यायी अथवा नियमित छात्र के रूप में न ही शोधरत हूँ और न ही किसी अन्य परीक्षा सर्टिफिकेट पाठ्यक्रमो की परीक्षाओ को छोडकर में सम्मिलित हो रहा/ रही हूँ । यदि ऐसा पाया जाता है तो मेरा पंजीयन निरस्त कर दिया जाए।

आवेदक के हस्ताक्षर	
आवदक का नाम पिता / पति का नाम पूरा पता	
ई मेल मोबाईल ⁄ दूरभाष क्रमांक	

पीएच.डी. आवेदन पत्रों की चैकलिस्ट

शोधार्थी श्री / श्रीमति / कुमारीका संलग्नानुसार आवेदन प्राप्त

हुआ है। आवेदन पत्र में प्रस्तावितः

1. शोध निर्दे"ाक मान्यता प्राप्त हैं। (हॉ / नही)

2. शोध सह–निर्दे"ाक मान्यता प्राप्त है। (हॉ / नही)

3. शोध निर्दे"ाक के निर्दे"ान एवं सह–निर्दे"ान में पूर्व से क्रम"ाः–एवं– शोधार्थी कार्य कर रहे है।

4. शोध सह–निर्दे"ाक के निर्दे"ान एवं सह–निर्दे"ान में पूर्व से क्रम"ा:– एवं – शोधार्थी कार्य कर रहे है।

5. शोध केन्द्र मान्यता प्राप्त है। (हॉ / नही)

<u>कैंंग काउन्टर</u>

कृपया उपरोक्त शोधार्थी का निम्नानुसार शुल्क जमा करें:

- 1. शोध पंजीयन शुल्क की जमा रसीद।
- 2. अर्न्तवास शुल्क म. प्र. से बाहर के वि"वविधालया के छात्रो के लिये।
- 3. शोध के केन्द्र द्वारा अग्रेषित नामांकन प्राप्त एवं शुल्क की रसीद।
- 4. नाम परिवर्तन के लिये यदि लागू हो शपथ –पत्र प्रस्तुत करें।

("ोधि केन्द्र द्वारा अग्रेषित निर्धारित प्रपन्न में आवेदन–पन्न एवं निर्धारित शुल्क की रसीद के साथ)

10	\	```
(पराक्षक	ਨ	हस्ताक्षर)
	77	e viner y

आवेदन पत्र प्राप्ति की अभिस्वीकृति

श्री / श्रीमति / कुमारीका शोध आवदन पत्र दिनांक को प्राप्त हुआ।

(परीक्षक के हस्ताक्षर)

-----Name of the University------

NAAC ACCREDITED "---" GRADE

University

Website: _____

Logo

Ph.D. COURSE WORK - GRADE SHEET & CERTIFICATE

Name & Address of the Institute/	:
School of Studies/ College where	
Ph.D. Course Work is Conducted	

Name of the Student	:	
Father's/ Husband's Name	:	
Mother's Name	:	
Enrolment No.	:	
Roll No.	:	
Academic Session	:	
Semester	:	
Examination Month & Year	•	

Course Code	Course Title		Credits	Grade	e Grade Point	Credit Points (Credits x Grade Point)
	Research Me	thodology	4			
	Review of Pu	blished Research	3			
	Computer Ap	oplications	3			
	Title of the A	dvanced Course	3			
	Comprehensi	ve Viva-Voce	3			
TOTAL	1		16		-	
ATTEPT					SGPA	
RESULT		EQUIVALENT			DIVISION	
*0.1		PERCENTAGE			CCDA 10	

* Grade in Repeat Examination.

Equivalent Percentage=SGPAx10

This is certified that Mr./Ms./Mrs._____ has successfully completed the Ph.D. Course Work as per UGC Regulations, 2016 and the Ph.D. Ordinance of the University.

Date of Result:

Co-ordinator Head/Director	Controller of Examinations
----------------------------	-----------------------------------

Appendix-IV

PROFORMA FOR SYNOPSIS OF PROPOSED RESEARCH (Para 12)

The cover page should contain information of proposed research topic, name of the research scholar, name and affiliation of the supervisor and / or co-supervisor, and research centre.

The synopsis should contain following information:

1. Title of the Proposed Research

- 2. Introduction giving purpose of research (in about 200 words)
- 3. Literature Review
- 4. Objectives/hypothesis
- 5. Methodology
- 6. Expected outcome
- 7. Bibliography (in standard format)
- 8. List of publications of the candidate

Signature of the Candidate

Signature of the Supervisor Name of the Supervisor: Date: Signature of the Co-Supervisor Name of the Co-Supervisor: Date:

Forwarded by

Head/ Principal, Research Centre

(with seal)

Date:

CONFIDENTIAL (Para 20a) PROFORMA FOR PROGRESS REPORT

	monthly progress report of the research work done during the period from to
1.	Name of the Research Scholar:
2.	Subject:
3.	Topic registered for Ph.D. degree:
4.	Name of the Supervisor:
5.	Name of the Co-Supervisor:
Desc	ription of the guidance on the topic:

Period with dates during which the research scholar has been with the Supervisor for research work (it may also indicate the date(s) of leave availed by the research scholar during the above period):

Remarks of the Supervisor on the work done by the research scholar:

Fees paid vide Receipt No. _____ date _____.

Signature of the supervisor

Appendix-VI

DECLARATION BY THE RESEARCH SCHOLAR (Para 24 b)

I declare that

1. the research work presented in the thesis entitled ______

is my own work except as acknowledged in the text and footnotes.

- 2. there is no plagiarism in the research work reported in the thesis.
- 4. I have put in more than 200 days of attendance after completing Ph.D. course work with the Supervisor or at the centre.
- 5. to the best of my knowledge this thesis has not been submitted either in whole or in part, for award of any other degree/ diploma at this University or at any other such Institution.

Besides this-

- (i) I have successfully completed the Ph.D. Course work as per UGC-Regulations, 2016 norms.
- (ii) I have also given a pre-Ph.D. presentation and successfully incorporated the changes suggested on the basis of feedback and comments received.
- (iii) I have published ____(number)____ research paper(s) in referred journal(s) and presented ____(number)____ research papers in conferences / seminars from the research work of the thesis. I have also produced evidence of the same in the form of reprints and/or presentation certificates.

Date: _____

Signature of the Research Scholar

Forwarded by

Signature of the Supervisor

Signature of the Co-Supervisor

Appendix-VII

CERTIFICATE OF THE SUPERVISOR (Para 24 c)

CERTIFICATE

This is to certify that the work entitled	is a piece of research
work done by Shri/Smt./Ku	under my/our supervision for the
award of degree of Doctor of Philosophy of	Name of the University,
India. That the candidate has put in an attendance, of more that	n 200 days after completing Ph.D.
course work, with me.	

To the best of my knowledge and belief the thesis:

- 1. embodies the research work done by the candidate himself/herself.
- 2. has duly been completed.
- 3. fulfills the requirements of the Ordinance relating to the Ph.D. degree of the University, and
- 4. is upto the standard both in respect of contents and language for being referred to the examiner.

Signature of the Supervisor

Signature of the Co-Supervisor

Forwarded

Signature of Head /Principal of the Research Centre



OUR INFRASTRUCTURE





Institute of Management Studies (IMS) is located in the sprawling University Campus. The Institute provides the students with various academic and related modern resources to facilitate better learning. The Institute has its own spacious multistoried fully WiFi building consisting of adequate number of well furnished Multi Media Class Rooms, Faculty Chambers , Administrative block, well stocked Library with latest editions of Text Books and National & International Journals. Computer Center equipped with latest software and hard ware and high speed Internet, State of art- 400 sitter auditorium, Conference Hall and huge parking for Students & Staff.

Photo Gallery of Institute Infrastructure

LIBRARY



Computer Centre (with High Speed Internet Facility)



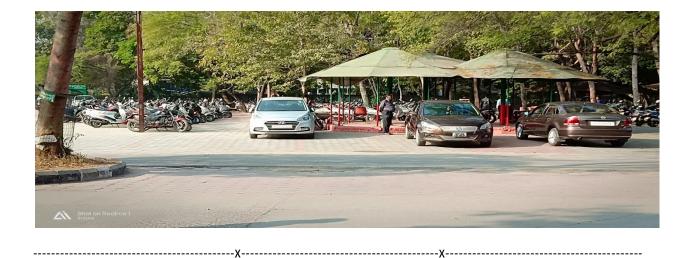
Auditorium (400 Seater well equipped)



Class Room (Equipped with Multi Media Facility)



Parking



International Institute of Professional Studies Devi Ahilya Vishwavidyalaya Indore





SYLLABUS

Ph.D.COURSE WORK (2022)

(Management)

International Institute of Professional Studies Devi Ahilya Vishwavidyalaya, Indore NOMENCLATURE AND COURSE OUTLINE Ph.D. MS9Z

S.NO.	Subject Code	SUBJECT	CREDITS	NATURE
1	PHM11	Research Methodology	4	Core
2	PHM12	Review of Literature	3	Core
3	PHM13	Computer Applications	3	Core
4	PHM15	Advances in Management	3	Core
5	CPE-RPE	Research and Publication Ethics	2	Core

	International Institute of Pr	orosional Studies	
	Ph.D. MS9Z		
Subject Name	RESEARCH METHODOLOGY	Subject Code PHN	/111
		Total Credits 04	4
Subject Nature:	CORE	II	
Course Objectiv	e:		
At the completion	n of this course students should be able	to:	
• Under	stand the basic philosophical assumption	ons underlying research.	
• Be ab	le to manage the process of conducting	g a research, including various	steps lik
proble	m formulation, review of literature,	framing questionnaire, samp	ling, dat
	tion and report writing.		
	e to write a quality research paper.		
	standing the concepts of analytical tool		
	standing the applications of tools in res		
	course will combine a modest amount of		
	h a substantial amount of hands-on		
	bose or assigned a topic for research.		
	out each phase of a systematic resear		
	arch reports into publishable papers. The		ty of tool
Examination sch	om lectures, case discussions and pract	ice sessions.	
	ber will award internal marks out of 40	based on three assessments of	20 mark
	t two will be considered. The end seme		
	l cases/practical problems.	ester examination will be worth	
	Course Contents		Contac
			Session
	I Meaning - significance - purpose -	- types – scientific research -	
UNIT –I	Steps in Research.	7	
Part I-	II Data Editing, Data Presentation, Da	to Normalization	06
Research	\cdot II Dala Follino Dala Precentation Dz		06
Research	II Data Editing, Data Tresentation, De		06
Methodology	n Duta Datting, Data Presentation, De		06
Methodology Part II-DA			
Methodology Part II-DA Unit-2	I Identification, selection and formu	ulation of research problems,	06
Methodology Part II-DA Unit-2 Part I-Problem		ulation of research problems,	
Methodology Part II-DA Unit-2 Part I-Problem and Hypothesis	I Identification, selection and formuresearch questions – hypothesis formu	ulation of research problems, ulation.	
Methodology Part II-DA Unit-2 Part I-Problem and Hypothesis Formulation:	I Identification, selection and formu	ulation of research problems, ulation.	
Methodology Part II-DA Unit-2 Part I-Problem and Hypothesis Formulation: Part II-DA	I Identification, selection and formuresearch questions – hypothesis formula II Introduction to Measurement Variations.	ulation of research problems, ulation. of Central Tendency and	
Methodology Part II-DA Unit-2 Part I-Problem and Hypothesis Formulation: Part II-DA Unit-3	 I Identification, selection and formuresearch questions – hypothesis formula II Introduction to Measurement Variations. I Primary data and Secondary data 	ulation of research problems, ulation. of Central Tendency and	06
Methodology Part II-DA Unit-2 Part I-Problem and Hypothesis Formulation: Part II-DA Unit-3 Part I-Sources	I Identification, selection and formuresearch questions – hypothesis formula II Introduction to Measurement Variations.	ulation of research problems, ulation. of Central Tendency and	
Methodology Part II-DA Unit-2 Part I-Problem and Hypothesis Formulation: Part II-DA Unit-3 Part I-Sources of Data	 I Identification, selection and formuresearch questions – hypothesis formula II Introduction to Measurement Variations. I Primary data and Secondary data 	ulation of research problems, ulation. of Central Tendency and a – meaning, relevance and	06
Methodology Part II-DA Unit-2 Part I-Problem and Hypothesis Formulation: Part II-DA Unit-3 Part I-Sources of Data	 I Identification, selection and formuresearch questions – hypothesis formulation II Introduction to Measurement Variations. I Primary data and Secondary data limitations. II Probability Theory and Probability 	ulation of research problems, ulation. of Central Tendency and a – meaning, relevance and Distributions:	06
Methodology Part II-DA Unit-2 Part I-Problem and Hypothesis Formulation: Part II-DA	 I Identification, selection and formuresearch questions – hypothesis formulation II Introduction to Measurement Variations. I Primary data and Secondary data limitations. 	alation of research problems, ulation. of Central Tendency and a – meaning, relevance and Distributions: conditional probability rules,	06

Unit- 4 Part I-	I. Types of Research Design: Exploratory; Descriptive and Causal. Various Research Techniques; Experimental Research Designs.	06
Research Design: Part II-DA	II. Time Series: Time Series and its Components, Analysis, Models of Time Series, Methods of Studying Components of Time Series: Measurement of trend (moving average, exponential smoothing and least squares method), Measurement of seasonal variations (simple average, trend, and moving average method) Measurement of cyclic variations (residual method).	
Unit -5	Meaning – sampling theory - types of sampling – steps in sampling	
Part I- Sampling:	 Sampling design – sample size – sampling techniques and methods sampling and non-sampling errors – advantages and limitations of sampling. 	06
Part II-DA	Simple Correlation & Regression: Correlation (Karl Pearson's and Spearman's Coefficient), Methods of computing simple correlation and regression (Least square method).	
Unit -6 Part I-Data Collection Tools:	Collection of Primary Data - Drafting Questionnaire -DataCollection through Questionnaire - Data Collection throughSchedulesCollection of Secondary Data –Development of surveyinstruments.Standardization of instruments.	07
Part II-DA	Hypothesis and Hypothesis testing Parametric & non-parametric tests, introduction to sample tests for univariate and bivariate analysis using normal distribution, f-test, ANOVA, t-test, z-test, U test, Kruskal-Wallis test, chi square test.	
Unit -7 Part II-DA	Advance Data Analysis tools : Multiple Regression, Factor Analysis, Cluster Analysis, Perceptual Mapping, Multidimensional Scaling, Discriminant and Canonical Analysis, Conjoint Analysis.(Concepts and applications only)	08
	Use of SPSS for data analysis Qualitative Research: Conceptual Issues, Methods and	
	Applications TOTAL CLASSROOM CONTACT SESSIONS	45

• C. William Emory and Cooper R. Donald, "Business Research Methods", Boston, Irwin, 4

4th Ed., 1991

- Fred N Kerlinger, "Foundations of Behavioral Research", New Delhi: Surjeet Publications.
- H.W. Boyd, R. Westfall and S.F. Stasch, "Marketing Research -Text and Cases", Richerd D. Irwin.
- Naresh K. Malhotra, "Marketing Research An Applied Orientation", Pearson Education
- Elhance D N, Veena Elhance and Agrawal B M, "Fundamentals of Statistics"-Kitab MhaPublications.
- Levin and Rubin, "Statistics for Management"- Pearson Publications
- Ken Black, "Business Statistics"- Wiley Publications.
- Hair J F , Black W C , Babin B J and Anderson R E, "Multivariate Analysis" Pearson Publications
- Asthana B S, "Business Statistics", S Chand Publications

International Institute of Professional Studies Ph.D. MS9Z Subject Name Review of Literature Subject Code PHM12 Total Credits 03

Subject Nature: CORE

Course Objective:

At the completion of this course students should be able to:

- Understand the basic philosophical assumptions underlying research literature reviews for different purposes, including what, why, when, for whom, and how?
- Be able to manage the process of conducting a literature review, including reading, note taking strategies, coding/reference management, synthesizing and writing literature results.
- Understand the process of synthesizing and writing literature results.
- Be able to write a quality literature review with variations in references / citation style.

Pedagogy This course will combine a modest amount of teaching material presented in lectures and readings with a substantial amount of hands-on experience. Each student, or group of students, will choose or assigned a topic for review. They will work individually or in small groups to carry out each phase of a systematic literature review. Students will be also encouraged to develop their reports into publishable papers.

Examination scheme:

The faculty member will award internal marks out of 40 based on three assessments of 20 marks each of which best two will be considered. The end semester examination will be worth 60 marks having theory and cases/practical problems.

	Course Contents	Contact
		Sessions
Unit-1 Understanding Review of literature	Relevance, Approach and Applications; Developing an outline for the literature review; Formulate key questions for a review; Plagiarism – concerns and cautions	09
Unit-2 Organizing a literature search:	Identify which literature bases to search; Developing the theoretical basis for the Research Question; Searching for, locating and organizing relevant professional literature – books, journals, reports, websites etc.	09
Unit-3 Conducting the Review	Abstract relevant information from appropriate studies in a systematic manner; Critically reviewing the literature; Rate the scientific quality of each study and the level of evidence for each question;	09
Unit-4 Synthesizing the Review:	Create evidence tables and summary tables; Interpret the pattern of evidence in terms of strength and consistency; Summarize the studies' findings.	09

Unit-5 Writing the review	Writing a first draft; Writing references and citations; Obtaining, giving, and making productive use of feedback; The redrafting process; Professional formatting	09
	TOTAL CLASSROOM CONTACT SESSIONS	45

Text and Reference Books:

- Christopher Hart, (1998), *Doing a literature review: Releasing the social science search imagination*, London: Sage.
- Lawrence A. Machi and Brenda T. McEvoy (2012), *The literature review: Six steps to success*, California: Corwin (Sage).
- Diana Ridley (2012), *The literature review: A step-by-step guide to students*, London: Sage
- Jill K. Jesson, Lydia Matheson and Fiona M. Lacey, *Doing your literature review: Traditional and systematic techniques*, London: Sage.
- Christopher Hart, (2001), *Doing a literature search*, London: Sage.

	International Institute of F	rofessional Studies	
	Ph.D.MS9Z		
Subject Name	Computer Applications	Subject Code	PHM13
		Total Credits	03
Subject Nature:			
 Understar Identify re Learn use Use Statis Data press Pedagogy- This can be and readings with	n of this course students should be abl d applications of IT in business and e esearch issues of IT for searching, collecting and an tical Software for data analysis	education alyzing data t of teaching material pre experience in the form of	f computer ba
each of which bes	ber will award internal marks out of a st two will be considered. The end set l cases/practical problems. Course Contents		e worth 60 ma
UNIT –I Introduction to computer application	Evolution of IT, Business applica Computers on Organizations and v and Organizational Culture .		
Unit-2	Information Systems and Research ERP, CRM, SCM etc	Issues in related to MIS,	HRIS, 06
Unit-3	Internet Search and applications in r	research	06
Unit- 4	Word Processing and its use in Res footer, references, mailing etc.	search; formatting tools, I	header 06
Unit -5	Data Presentation for various audies and Arrangement of Data, Data graphs, etc. Use of Excel for Data Analysis.		

TOTAL CLASSROOM CONTACT SESSIONS

Text Readings: (Latest readings)

- Abrahan Sliberschatz, Henery F. Korth, S. Sundershan, *Database System Concepts*, New York, McGraw Hill Inc., 1997.
- Blackwell R.D. & Stephan K., (2001), Customers Rule: Why The E-Commerce Honeymoon Is Over and Where Winning Businesses Go From Here, Crown Business, ISBN 0-609-60865-7, pp. 71, 140-148.
- C.J. Date, An Introduction to Database Systems, New Delhi, Addison-Wesley, 2000.
- Elizabeth Vitt, Michael Luchevich and StaciaMinser (2002). *Business Intelligence*, Prentice Hall of India, Private Limited.
- Elias M. Awad, *System Analysis and Design*, New Delhi, Galgotia Publishing Pvt. Ltd., 2001.
- Kenneth C. Laudon and Jane P. Laudon, *Management Information Systems*, New Delhi, Prentice Hall of India Pvt. Ltd., 2000.
- Koronios, A., &Yeoh, W. (2010). Critical success factors for business intelligence systems. *Journal of Computer Information Systems*, 23-32. Retrieved from http://iacis.org/jcis/pdf/Yeoh Koronios 2010 50 3.pdf
- Ling, C.S., &Palaniappan, S. (2008). Clinical decision support using OLAP with data mining. *IJCSNS International Journal of Computer Science and Network Security*, 8, (9).

	International Institute of Profes	sional Studi	es	
	Ph.D MS9Z			
Subject Name	e Advances in Management Subject Code PH		PHN	I 15
	Tot	al Credits	03	
Subject Nature:	CORE			
Course Objectiv				
This course is ain				
	theoretical framework of management conc ading basic managerial processes for plannin			moling
Learning Outco		g, organizing a		making
0	me: managerial skills for smooth functioning in	the organizati	on	
	ig a problem solving approach	the organizati	011	
1	h strategic and emerging issues in managem	ent		
Ç				
Examination sch				
•	ber will award internal marks out of 40 base			
	st two will be considered. The end semester	examination w	ill be worth	60 mark
having theory and	d cases/practical problems.			Carta
	Course Contents			Contac Session
	Development of various schools of though	t from scienti	fic	5655101
UNIT –I	management to post modern management			09
Management:	Short comings, pitfalls, strengths ar	· /	of various	01
History,	approaches. The trend during and after the			
approaches	Related research issues			
Unit-2	Point planning, rule, strategy, strategic is			09
Decision	orientation. Decision making - types, reso		decisions,	
making	decision tree, implications of group decisi	on making on		
Unit-3	management, Related research issues Types of organizational structures. Organ	nizational Das	ion Chart	
Strategy leads	and Departmentalization, Span of control,		0	09
to structure:	centralization - decentralization, delegation		jonisionity,	07
	Theories of organizations. Boundary		ructureless	
	organization. Empowering and authority -			
	Related research issues.		,	
Unit- 4	Relevance and purpose on Managerial perf	ormance		
Motivation and	Control - Types - Production, Financial an		urces -	09
leadership (No	feed forward control.			
theories)	Control leads to planning and reorganizing	g - Control as	an end	
significance	result variable, Related research issues			
Unit -5	Contemporary issues in Management			
Management	Competitive Advantage – SWOT analys	sis - Compliand	re and	
management	Competitive Auvalitage – 5 WOT allarys			

work culture, Boundary less organization, Performance out sourcing, Related research issues	
TOTAL CLASSROOM CONTACT SESSIONS 4	45

Text Reading: Latest Editions

1. Text Readings

1. Robbins, Decenzo, Agarwal, Bhattacharya, Essentials of Management, 2011, Pearson Education, New Delhi.

2. Koontz, Weihrich, Essentials of Management, 2004, Tata Mcgraw Hill, New Delhi

04 08 2021 A faculty meeting was held on allose at 1830 and in 1933 Cartaine Hell fellowing fourty meeting were present :-Dr. Sogerta Jain Kapil Shame 3. Dr. A. Chatterijee Arta 4. Dr cc Moliane 5. Jona Fating 6. Dr. Santoh Kumar Choube T, Dr. S. David. 8. Dr. W.K. Totaly 9. Dr. Wich that 10. Nilsha 11. Dr. Kanh Sharme 12. Dr. Deringa finden" 17 Monu Jain Marcerah Noz 14 Dr. BHANU PRATAP SINGH 15. 16 - DR. ACHAL HARDLA-17 Kaushad Jadov 18 Aroop Jaie pr. Harrender 19 Kamna Tiwan 20. Dr. al Warker 21 Dr. All Vyas Mouto of the last meeting war good & confirmed All the faculty mentione Raymed the final cause scheme of all the PG parage - pozi-23 Latch) & UG programs /2021-24 Jorch, which can The auter of the worker Cof hald on word need to be demand & finitized & the fully madere at the exclusion.