# Admission Policy for Ph.D./ M. Phil Scholar



As per RKDF University,
Bhopal Ordinance No. 11,
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(Copy Enclosed)

#### Ordinance No. 11

#### <u>Doctor of Philosophy (Ph.D)</u> (Ordinance as per UGC Regulation 2009)

The Ordinance shall be called "Ordinance" Governing Doctoral Degree. The ordinance will be governed on such rules & regulations as per approval from Board of Management of the University framed in accordance of regulations /norms laid by UGC from time to time.

- 1. Eligibility for Enrolment for Doctor of Philosophy (Ph.D)
  - 1.1 A candidate for enrollment for the degree of Doctor of Philosophy must, at the time of application, hold Master's degree with at least 55% marks or an equivalent grade of University / Deemed University or any other University incorporated by any law for the time being in force and recognized by the University (Five percent marks will be relaxed for SC/ST and Handicapped candidates).
  - 1.2 A candidate shall ordinarily be permitted to work for Ph.D. Degree in the subject in which he/she has obtained his Master's or Bachelor degree in Engineering/ Technology/ Applied Sciences. Provided that research work leading to Ph.D. degree may be allowed in allied subjects of interdisciplinary nature of the same faculty or of allied faculties. Provided further that whether a subject is allied or not to the subject in which the candidate has done Master's or Bachelor degree in Engineering/Technology/Applied Sciences, shall be decided by the Academic Council.
- 2. A candidate must apply for registration for Ph.D degree of his subject on a prescribed from obtainable on payment of prescribed fee, stating.
  - (i) His/her Qualification and experience;
  - (ii) Proposed subject/discipline along with the relevant faculty in which he/she proposes to work.
  - (iii) Proposed title of the Ph.D. thesis
  - (iv) Name of the supervisor (along with name of Co-Supervisors, if any)

(Strictly from the University list of approved Supervisors & Co- Supervisors) under whom he/she wishes to work and the place/places at which he/she wishes to carry on investigations together with the consent of the Supervisor and Co-Supervisor.

- (v) Certificate of qualifying the UGC/CSIR/DST/National or State Level Fellowship/NET/GATE/GPAT/SLET, if any
- (vi) Letter granting teachers fellowship, if any.
- (vii) Address, Contact number, mobile number, email- id and other contact details.

#### 3.0 Availability of seats.

Depending upon availability of supervisor/Co-supervisor the number of seats shall be decided, provided that

- (i) A Supervisor shall not have at any point of time, more than 08 Ph.D. Scholars as supervisor and 06 Ph.D. Scholars as co supervisor in case of a Professor and 06 Ph.D. Scholars as supervisor and 05 Ph.D. Scholars as supervisor in case of others, in any university in India and abroad. For that supervisor have to submit undertaking regarding total number of candidates he is supervising.
- (ii) The seats available with the supervisor should be manageable for him/her and also manageable for the concerned research centre.

#### 4.0 Admission Procedure

- (1) The admission shall be made by the University, through an entrance test by the Admission Board following the norms prescribed by the UGC New Delhi.
- (i) To prepare panel of names of papers setters in various subjects and submit them to the University.
- (ii) To arrange for entrance test.
- (iii) To arrange for interview.
- (iv) To announce the names of candidates admitted along with the subject, place of research work, name of supervisor and of the thesis.
- (v) To resolve problems, if any.
- 2 (a) Candidate who have qualified the UGC/CSIR/DST/National/State level Fellowship/GATE/GPAT/SLET/NET/M.Phil.shall be admitted directly without the

entrance test.

- (b) Candidates who have been awarded teachers fellowship by statutory bodies for doing Ph.Ddegree shall also be admitted directly without the entrance test.
- (c) All other candidates will be selected through entrance test.

#### 5.0 Structure of Test

Entrance test will be conducted on following

Duration

Two Hours

**Question Paper** 

Part I

Research Methodology

40 marks

Part II

Subject Question

60 marks

#### 6.0 Interview and Allotment

- (1) Each student shall have to appear in an interview. The interview board shall consist of the following members:
  - (i) Vice Chancellor or his Nominee as Chairman
  - (ii) Dean of School.
  - (iii) One of the Chairman of relevant (Board of studies) to be nominated by the Vice Chancellor.
  - (iv) One of the recognized supervisors in the University Teaching Department in the subject to be nominated by the Vice Chancellor.
  - (v) One subject expert to be nominated by the Vice Chancellor.

One third of the total members shall complete the quorum. However, presence of the subject expert shall be essential. If the Dean of School is not available, the Vice Chancellor may then appoint a Senior Professor of any University Teaching Department as member.

- (2) The interview shall be conducted in the University Teaching Department. For subject, in which there is no University Teaching Department, the interview shall be conducted at a place in the University premises, fixed by the University for this purpose.
- (3) The candidates shall be called for interview in the following order:
  - (i) Candidates who have qualified UGC/CSIR/DST/National or State level fellowship examination/GATE/GPAT/NET/SLET.
  - (ii) Candidates who have been granted teacher fellowship by a statutory body.
  - (iii) Candidate according to merit list of the entrance examination.

- (4) At the time of interview, the candidates are expected to discuss their research interest/area, choice of supervisors and co-supervisor(if any), and the proposed title of the thesis.
  - For the candidates belonging to category as mentioned in para 6(3) (i& ii), 100% weightage shall be on the interview. For the candidates mentioned in para 6(3) (iii), the weightage of the interview marks shall be 20 percent where as 60 percent weightage shall be given to the written entrance exam conducted as per para 5 and remaining 20 percent weightage shall be given to aggregate of qualifying PG examination.
- (5) The allotment board then shall finalize the list of the names of the candidates admitted to the Ph.D in the concerned subject.
  - (a) The candidates in category (i) of sub-para 6 (3 above shall be admitted first, secondly the candidates in category (ii) shall be admitted in that order. In these categories. If there are more than one candidate having equal marks, then merit shall be decided according to the percentage of marks at the qualifying PG examination.
  - (b) As far as possible, the allotment board shall allot the preferred place of research work and the preferred supervisor and co-supervisor, if any and shall also approve the proposed title of the thesis(however, the candidate may change title of his/her thesis, after prior approval by Research Degree Committed(RDC). The candidate may, however, be allowed to take another chance for allotment in next admission process if he does not want to change the preferences in the first instant.
- (6) The admission process must be completed by the last date for admission decided by the University for the Doctoral Courses.
- (7) A merit list shall be prepared on the basis of entrance test and interviews as mentioned in para 6(4) and shall be declared as the result of the entrance examination by registrar

#### 7.0 Fees

(a) Registration fee for Ph.D programme is to be paid to the University at the prevalent rates as announced by the University from time to time. The total programme fee must be paid before submission of Ph.D. thesis.

#### 8.0 Course work:

(a) After having been admitted, each M.phil/Ph.D student shall be required by the University or College/Institute of University to under take course work in the subjects as per guidance of U.G.C. for pursuing Ph.D./M.Phil for a minimum period of one semester.

The course shall be treated as per M.Phil/Ph.D preparation and must include a course on research methodology which may include quantitative methods and computer application; it may also involve reviewing of published research in the relevant field.

#### (b) Evaluation.

- (i) The course work shall carry 10 credits (one credit equal to 15 hours). The concerned department/school/institution shall decide the details of the course work, teaching schedule and evaluation.
- (ii). The details of the specific subject shall be decided by the department/school.
- (iii). The procedure for admission shall be laid down from time to time by the Academic council.
- (iv). University examination shall be held at the end of the semester. The Scheme of examination shall be notified by the University.
- (v). The review or survey presented by the candidate in typed shall be examined by the supervisor. He shall declare whether it is satisfactory or not.
- (vi). A candidate shall be declared to have successful completed the course, if he/she has successfully passed semester examinations with minimum 65% or in equivalent grade as mentioned above. Minimum 6 credits to be earned during the course work for successful completion.

#### 9.0 Research Centre

A candidate may pursue his research work for Ph.D degree in the University Teaching Department in the subject concerned,

Or

At a Research centre i.e an organization of National or International repute (NIIT/IIT other academic institutions of national importance/Research Organisations of Government/reputed corporate establishment with established R&D Laboratories etc), recognized as a research centre by the Academic Council: Provided that a M.O.U. shall have to signed between the university & the Institute/Organisation.

(a) After the M.O.U., the candidates may also be allowed by RDC to pursue research work at an industry of international repute, actively involved in research and development activities in the subject and having sufficient R&D infrastructure for conducting research, which must be Government of India approved R&D centre and shall be recognized for this purpose by the BOM of the University.

- (b) A candidate permitted to work in such Industry as stated in above para, having MOU with the University, shall be required to take at last one supervisor/co-supervisor from the industry, such supervisor/co-supervisor should be Scientist/Director of the R&D center not below the rank of the Associate Professor of the University.
- (c) Candidate may also be permitted to work by RDC in research establishment of repute like CSIR labs/ DRDO Labs or Labs of repute established by Central Government and after MOU signed by the University with such establishment.
- (d) A candidate permitted to work in such Research Establishment, stated in above para, shall also be required to take at least one supervisor/co-supervisor from the Establishment. Such supervisor/co-supervisor should be scientist/Director of the R&D centre not below the rank of Associate Professor of the University.

#### 10.0 Supervisor/Co-supervisor

- (a) The person recommended as supervisor/co-supervisor to guide the search scholar must be:
  - (i) The Professor in the University Teaching Department who has obtained a doctorate degree in the subject and has published at least five research papers on the concerned subject in peer reviewed standard journals of repute.

OR

(ii) An Associate Professor or Reader in the University Teaching Department who has obtained a doctorate degree in the subject and has published at least five research paper on the concerned subject in standard journals of repute

OR

(iii) An Assistant Professor or Lecturer in the University Teaching Department who has obtained a doctorate degree in the subject and has published at least five research paper on the concerned subject in standard journals of repute and has at least five years teaching experience after PhD.

OR

A Director/Scientist/professor/or an equivalent cadre in an organization of National/International repute not below the rank of an Associate professor of the University, working as regular employee and who has published at least five papers in peer reviewed standard journals of repute.

- (i) Provided that the persons who have been recognized as supervisor/co-supervisor shall be eligible to supervise and register under him/her even after their superannuation.
- (ii) Provided also that the teacher in any college, which is now a constituent unit of this University and who has been recognized as supervisor/co-supervisor if they comply the requirement laid down for recognition as supervisor/co-supervisor.
- (iii) Provided further that a person who is himself registered for Ph.D degree of the University shall not be eligible to act as supervisor or member of any committee mentioned in this Ordinance.
- (b) A person, who wants to get himself/herself recognized as a supervisor/co-supervisor, shall apply in the prescribed Performa, duly forwarded by Head/Principal/Director of his institution. The case will be put up before the RDC which will decide about the recognition.

#### 11.0 RDC

- (1) After successful completion of Pre Ph.D. course work ,the candidate shall be eligible to submit a synopsis (as per Appendix 1.) of his proposed research work along with the title of thesis (finally decided by candidate) duly forwarded by the supervisor and Head of the institution where the candidate is pursuing his/her research. The synopsis has to be submitted in ten copies, with signatures of candidate, supervisor, co-supervisor and Head of the institution on each of the copy on each of the page.
- (2) The candidate shall be required to make an oral presentation of the proposed work before the Research Degree Committee (RDC) consisting of the following members:-
  - (i) Vice Chancellor or his nominee- Chairman.
  - (ii) Dean of the School concerned.
  - (iii) Chairman Board of studiesof the subject in the School.
  - (iv) Head or One Professor of the University Teaching Department or in the case of non-availability of professor, one Associate Professor of the University Teaching Department of 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 Dean of the school concerned External expert and two other members shall form the quorum.
  - Note:- (a) On the request of the supervisor, Vice Chancellor may permit him to be present as an observer during the oral presentation of his candidate.

- (b) No. T.A and D.A shall be payable to candidate and supervisor for attending the Research Degree Committee meeting.
- (3) The meeting of Research Degree Committee (RDC) shall be held in the University office twice a year. The committee shall consider the application of the persons, who want to get recognized as supervisor/co-supervisor, submitted under section 11 of this Ordinance, and recommend the eligibility of the person for the appointment as supervisor/ co-supervisors. The committee shall also prepare a list for approved supervisors/co-supervisors, along with their specializations as per provision of this Ordinance. This list shall be available with the Registrar.
- (4) After approval by the RDC of the title of the thesis, synopsis, supervisor, co-supervisor/s (if any), and place of research work, the candidate shall be registered for Ph.D./degree from the date on which the candidate had deposited the registration fee and other fees mentioned in para 7 of this Ordinance, at time of admission, and this date will be the "date of registration" of the candidate. The letter of registration shall be issued by the Registrar, and sent to all those concerned. The candidate shall be enrolled as a student from the date of registration and will be required to pay regular tuition, library and laboratory fees (six monthly) where laboratory work is involved during his research tenure in the UTD/college/institute from which the application form was forwarded.
- (5) If the RDC makes any change only in the title of the thesis, the approved changed title shall be communicated to the candidate in the meeting of the RDC itself. The letter of registration shall be issued mentioning the approved title.
- (6) If the RDC suggests any change in the synopsis, then the change required shall be communicated to the candidate by the Registrar. The candidate will be required to resubmit the synopsis (in Ten copies) as revised by him/her, incorporating the changes suggested by the RDC within 3 months time. The dean of the School shall examine the revised synopsis and if he is satisfied that the changes suggested by the RDC have been incorporated in the revised synopsis, he will approve the sane. The letter of registration shall then be issued by the Registrar.
- (7) If the RDC decides that major revision is required in the synopsis and/ or the oral presentation was also found to be unsatisfactory, the candidate may be asked to revise the synopsis and/or improve upon the oral presentation and reappear at the next meeting of the RDC.

(8) If the RDC does not recommend a candidate for registration to Ph.D. degree, the candidate shall be communicated the same by the Registrar. In such case, only the caution money deposited by the candidate shall be refunded.

#### 12:0 Change of Supervisor

Only under special circumstances, the candidate may be allowed to change the supervisor by the Vice Chancellor on the recommendation of the committee, constituted by the Vice Chancellor for this purpose. No change in the topic of research will be permitted due to change of supervisor.

#### 13.0 Six monthly report

The University shall obtain every six month a record of attendance, receipts of fee paid and progress report of the work of Research Scholar from his supervisor as per Appendix 4 which shall be scrutinized by the Dean of the School.

Those candidates who fail to deposit fees the Vice Chancellor on the recommendation of the Dean of the Faculty may order the removal of the name of the scholar from the list of those registered for the PhD. Degree.

#### 14.0 Summary of thesis and appointment of examiner

- a) The candidate shall submit ten copies of the summary of the thesis together with a list of research papers published or accepted for publication (in the peer reviewed standard journals of repute, as approved the University from time to time, though his/her supervisor to the Registrar about three months prior to the anticipated date of submission of thesis.
- b) The supervisor shall submit to the Registrar, in a sealed cover a panel of at least six names of examiners actively engaged in the concerned area of research not below the rank of Associate Professor of a University Teaching Department or college Professor, from outside the jurisdiction of this University. At least half of the name should be from outside the state. Name can also be include from outside the country. Another panel of at least six examiners, actively engaged in the concerned area of research and not below the rank of Associate Professor of a University Teaching Department or college Professor, from outside the jurisdiction of this University, shall be submitted by the Dean of School in which the candidate is pursuing PhD.
- c) In case the candidate related to the supervisor, then the first panel of examiners shall be obtained from Head, University Teaching Department of the subject concerned, or a senior professor nominated by Vice Chancellor.

d) The Vice Chancellor shall appoint two examiners out of two aforesaid panels, submitted by the supervisor and Examination Committee, respectively. The consent of examiners shall be obtained by sending them the summary and list of publication.

Note: The summary of thesis shall be sent by post/ air mail/ email.

#### 15.0 Pre Submission Defense Committee

- 1) Prior to submission of the thesis, the candidate shall prepare a draft thesis and shall submit it in Soft and Hard copy in the prescribed format of the University.
- 2) However prior to the submission of draft PhD. thesis and PSDC, the candidate shall publish at least two research papers in the peer reviewed standard journal of repute, as approved by the University from time to time, in which the candidate is the sole author or of there are coauthors, then his/her name should be as first author. The reprint of such a paper along with reprints of other research papers published by him if any shall be appended inside the thesis at the end. If reprint has not been obtained till the time of submission of thesis, the acceptance letter along with the approved manuscript (i.e. preprint) shall be appended inside the thesis at the end.
- 3) The candidate shall make a Pre- Submission Defense, based on that draft thesis, in the University Teaching Department in the subject or any place in the University premise fixed by the University for the purpose. Arrangement for this shall be made on a request from the candidate, duly recommended by the supervisor, to the University in the proforma given in Appendix 5.

#### 16.0 Submission of thesis

- 1. After getting an approval from PSDC as mentioned in para 15, the candidate can finalize his/her thesis.
- 2. The finalized thesis shall be typed set on a computer using standard software like MS word or Latex. It shall then be typewritten only on one side of pages. It may then be photocopied (only on one side of the pages) for producing multiple copies.
- 3. The Candidate shall submit the thesis to the University as follows:
  - i. Three hard bound copies of the thesis, and
  - ii. Soft copy in the form of CD (in there copies)
- 4. In the thesis after the cover page, the forwarding letter/declaration/certificate mentioned in (a) (b) and (c) below must be given

- (a) Thesis should be forwarded by Head of the Department
- (b) The thesis must be accompanied by a declaration from the candidate as per (Appendix 2) that the thesis embodies his/her owe work and he/she has worked under the supervisor at the approved place of work for the required period as per provisions of the Ordinance.
- (c) The certificate from the Supervisor together with Co-supervisor, if any, as per Appendix 3.
- Note: (i) The Candidate shall also remit with the thesis, prescribed fee as the examination fee as prescribed by the University.
  - (ii) The no dues certificates from the place of work and the University library must be submitted along with the thesis.

#### 17.0 Evaluation of thesis and viva-voce examination

- (i) On receipt of the thesis, required fee and no dues certificates, the thesis shall be sent to the two examiners already consented
- (ii) 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 new facts or by a fresh approach towards the interpretation of fact. 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.
- (iii) The examiners shall categorically recommend in the prescribed Proforma (Appendix 07) acceptance, revision or rejection of the thesis. He shall also give detailed comments on the points spelt out in clause 20 of the Ordinance and also detailed comments on each chapter in the examiner's report, which should be typed on separate pages, in four copies. The examiner must also give a list of a least ten question; he wishes to be asked at the vivavoce examination.
- (iv) (a) The examiner's may seek clarification of the subject matter of the thesis from the supervisor through the Registrar. This provision will be incorporated in the letter to be sebt to the examiners while sending the thesis.

- (b) The Vice Chancellor may recall the thesis from an examiner, who fails to send the reports within three months of the date of dispatch of thesis or such other date as may be extended by the Vice Chancellor and appoint another examiner from the panels 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 as constituted at para 15 (b) by the Vice Chancellor, without the reports of earlier examiners, The third examiner shall be asked to give his/her opinion and his opinion shall be final.
- (d) Incase 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, and 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 two examiners(as per para 14(b)), selected by the Vice Chancellor, who have accepted the thesis for the award of the Ph.D degree. In case the candidate is related to the supervisor, then the Vice Chancellor shall appoint Head of Studies/Institution/Chairman Board of studies of the subject concerned to act as viva-voce examiner, in place of the Supervisor.
- (e) The Supervisor/ Head University Teaching Department/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 same shall then contact the external examiner and fix up a date for viva-voce. The date fixed for the viva- voce shall be informed to the candidate and the Registrar. Provided that in special circumstances Kulapati may appoint alternate viva-voce examiner from the panel of examiners, if both the external 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 or at any place fixed by the University for the purpose. The date and time and place of open viva-voce examination shall be notified by the registrar on the University Notice board 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 in confidential cover.
- (g) The candidate shall present the work embodied in the thesis before the board of examiners, members of faculty, research scholars and other interested person present in open viva. After the presentation of the research work the Board shall ask question together with those questions, which have been given along with examiners reports. Others in the audience can also ask question and the candidate shall replay only those question which are permitted by the external examiner.
- (h) In case the recommendations of the viva-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. Such candidates would be required to pay an additional fee as prescribed by the University for Second viva-voce Examination. The external examiner for second viva-voce examination shall be appointed by the Vice Chancellor as above. If the candidate fails to satisfy the viva- voce examiners a second time, his/her thesis shall be finally rejected.
- (V) If the examiners recommend that the candidate be asked to revise/improve his thesis, the Vice Chancellor shall permit the candidate 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 orders to the candidate.
  - The candidate shall be provided examiners reports without disclosing the names of the examiners to enable him/her to improve the thesis on the basis of the reports. All the copies of the thesis shall also be returned to candidate.
- (VI) In case the candidate is allowed to resubmit the thesis he/she will have to pay the 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/ha carried out the work.

(VII) The resubmitted three copies of the thesis must make clear mention that is a revised version. The thesis shall be got examined as far as possible by the examiners who finally recommended for the revision.

In case a candidate is asked to revise the thesis under clause 17 iv.c and one of the examiners recommends again for revision of the revised thesis and the other accept the thesis shall rejected. If he accepts the thesis for the award then the candidate shall be awarded the Ph.D. degree on successful viva voce examination as per provision of clause 17 iv.d of the Ordinance.

In case a candidate is asked to further revised the thesis by the third examiner, as per provisions laid down under para 17 iv.c, above thesis shall stand rejected. Second time revision is not permitted in any case an if so, the thesis shall automatically stand rejected.

Note- Whether a candidate has incorporated the minor revision/s suggested by the examiner/s shall be evaluated by Dean of the School. Only after his satisfactory report, the vivavoce of the candidate shall be fixed.

#### 18 Appearing in other examination

No research scholar shall join any other course of study or appear at any other examination conducted by any University leading to a degree (except Certificate/Diploma course of languages, research methodology, statistics, and computer courses).

#### 19 Publication of thesis

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 thesis approved for award of the Ph.D. degree of the University.

#### 20.0 Award of Ph.D.

After the successful viva-voce, the Vice Chancellor shall have powers to issues Notifications for the award Ph.D degree to the candidate and the matter shall be reported to the Board of Management for their approval in its forthcoming meeting. 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. Following the successful completion of the

evaluation process an announcement of the award of Ph.D. the University shall submit a soft copy of the Ph.D thesis to UGC within a period of thirty days for hosting thesis in INFI NET accessible all University/Institution.

#### 21.0 Reports of examiners

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 fee prescribed by the University. The Reports will not disclose the identity of the examiners.

#### 22.0 Withdrawal of degree

On detection of any irregularity or any plagiarism the University shall take suitable steps to withdraw the degree. Those candidates who have applied for registration but have not been registered before this Ordinance comes into force, shall be governed by the provision of this ordinance i.e. they will have to fulfill all the requirement, as laid down in this ordinance.

#### Appendix-1 PROFORMA FOR SYNOPSIS

- 1. Title of the thesis
- 2. Introduction: Giving purpose of research(in about 200 word)
- 3. A brief review of the work already done in the field.
- 4. Noteworthy contributions in the field of proposed work.
- 5. Proposed methodology during the tenure of the research work.
- 6. Expected outcome of the proposed work.
- 7. Reference in standard format.
- 8. List of published papers of the candidate.

Signature of the Supervisor

Signature of the Candidate

Date:

Signature of Co supervisor (if any)

Date:

# Appendix-2 DECLARATION BY THE CANDIDATE

i decrate that the thesis entitled		
Is my own work conducted under the supervision of Dr		
(Supervisor/Co-Supervisor) at		
(Center)		
Approved by Research Degree Committee. I have put in more the	ian 240 days	01
attendance with supervisor at the centre.	e - 61	
I further declare that to the best of my knowledge, the thesis doe		
any work which has been submitted for the award of any degree	either in this	University
or in any other University without proper citation.		
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Signature of the candidate Date:	Place:	
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Appendix3		
CERTIFICATE OF THE SUPERVISOR CER	RTIFICATE	a
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This is to certify that the work entitled		
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Is a piece of research work done by Shri/Smt./Ku	. ADI 11	
Under my/our Guidance and Supervision for the degree of Doc		
University		
certify that the candidate has put in an attendance of more than	240 days wit	h me.
To the best of my knowledge and belief the thesis:	•	
i. Embodies the work of the candidate himself/herself.		
ii. Has duly been completed.	•	
iii. Fulfill the requirement of the ordinance relating to the P	h D dearee c	of the
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Signature of the Co-Supervisor Signature of the Supervisor	Date:	*****
(8)	- 16 -	
Date:		
720		3 *

### Appendix-4 CONFIDENTIAL PROGRESS REPORT

1.	Name of the research scholar		æ	*		
2.	Subject			2 E		
3.	Topic registered for Ph.D Degree	70	п	3.	ų.	
4.	Name of the Supervisor	ži	. e			Œ
5.	Name of Co-supervisor(if any)	Ž		27/	*	
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Date Place	ing the above period). Remarks of to c. s paid vide receipt No	dicate the	(Signature of leave the candidat	availed by the rk done by the Head of institu e was register degree)	e candidate of	on

#### Appendix – 6 FORWARDING LETTER OF HEAD OF INSTITUTION

The Ph.D thesis entitled	
Submitted by Shri/Smt./Ku	opies. The candidate has paid the necessary fees
and there are no dues outstanding against	st him/her.
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Name	Seal
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Date:	
Place	
. 9	
8	(Signature of Head of institution where
	The candidate was registered for Ph.D
* 9	degree)
an	#: 383
Signature of the Supervisor	At the state of th
Date:	Address
Place:	

## Appendix 7 **EXAMINERS REPORTS ON Ph.D. THESIS**

Title	e of thesis
	······································
	ne of candidate Shri/Smt./Ku
	ject:
Facı	ılty
#	
1.	Thesis is recommended for the Yes No Award of Ph.D
(	degree
##	
2.	The thesis be revised on the Lines
I	Detailed below
3. 1	The thesis be rejected(Please write Yes/No, as the
	case may be)
#	20 A
Thes	sis requiring only minor revision/s should also be covered in the category and suitable
	arks detailing minor revision/s required, is/are to be enumerated. ## Thesis requiring
	major revision/s should be covered in this category and suitable remarks detailing
	najor revision/s required is/are to be enumerated
DET	AILED REPORT
	examiner is requested to attach detailed report in four copies, covering also the
	wing points)
	must be a piece of research work characterized either by the discovery of the facts
	r by a fresh approach towards the interpretation of facts. In either case it should
e	vince the candidate's capacity for critical examination and sound judgment.
b) It	mus be satisfactory in point of language and presentation of the subject matter.
#5   -	
ate	I amadaman amadaman amadaman amada ama
lace	· management and a second and a
Sign	ature of the Examiner)
ull N	Name & Address

### Appendix – 8 PROVISIONAL CERTIFICATE REGARDING AWARD OF Ph.D. DEGREE (para)

This is to certify that vide notification no.		
Dated	€	
Of this University, the Board of Managem of Ph.D. in	ent has decided that the decided the (Subject) be awarded to	hat the degree
***************************************	m(Buojeot) be uvarued to	250
The title of Ph.D thesis is	* ;	
***************************************		
********	*1	
***************************************	× , 1	
The Ph.D degree has been awarded in com	pliance of the "University Grants	Commission
( minimum standards and procedure for aw 2009"	vard of M.Phil/Ph.D. degree) Reg	ulation,
Registrar	5	
Date:		
IV.		ŧē.
V.	224	

### ORDINANCE NO. 12 B.E. 4 year Degree course.

This ordinance shall be applicable to candidate admitted for Bachelor of Engineering (B.E.) degree

- 1.0 The first degree in Engineering of four-year (eight semesters) course, hereinafter called 4-YDC, shall be designated as BACHELOR OFENGINEERING, in respective Branch.
- This degree of Bachelor of Engineering (hereinafter called B.E.) shall include the branches of ARCHITECTURE, RURAL TECHNOLOGY, CIVIL, MECHANICAL, ELECTRICAL ELECTRONICS, **ELECTRONICS** & COMMUNICATION, ELECTRONICS & INSTRUMENTATION, INFORMATION TECHNOLOGY, COMPUTER SCIENCE AND ENGINEERING, AUTOMOBILE, CHEMICAL, METALLURGICAL, MINING, TEXTILE, PRODUCTION ENGINEERING, FIRE TECHNOLOGY & SAFETY ENGINEERING, INSTURMENTATION & CONTROL, ELECTRICAL ENGINEERING, BIO-MEDICAL, BIOTECHNOLOGY and INDUSTRIAL ENGG. & MANAGEMENT, NANO-TECHNOLOGY, and more degrees Programme can also be offered under the Ordinance on the recommendation of the Board of Management of the University as per norms & Regulation of AICTE.