

Techno India University, West Bengal

Sector V, Salt Lake, Kolkata 700091

UNIVERSITY REGULATIONS FOR DOCTORAL DEGREE

In exercise of power conferred by the Techno India University Act and in view of the UGC (Minimum standards and procedures for award of Ph. D. Degree) Regulations, 2016, the Academic Council of the University approves the following regulations for conferment of doctoral degrees.

Preamble: The following regulations relate to admission, registration, course-work, examination and award of degree of Doctor of Philosophy (Ph. D.) in Engineering/Humanities/Management/Science.

Regulation 1: Admission Test, Eligibility and Exemption

(1) The admission tests shall be held twice each year, preferably in January and July, named as Techno India University Research Entrance Test (hereinafter called TIURET) followed by seminar / interview for admission to the Ph. D. programme of the University.

(2) For holding an admission test, the University shall advertise in the leading newspaper(s)/ University Website, indicating the number of vacancies available in each Department.

(3) All candidates intending to join Ph. D. programme of the University must obtain 55% (relaxable as per UGC norms) marks in the last qualifying examination for being eligible to apply for admission.

(4) For joining Ph. D. programme in Management, eligibility may be relaxed for the following categories:

(i) B.E. / B. Tech. from Institutes of National repute, with percentage/grade more than 75% (or equivalent CGPA as per UGC norms) shall be permitted to direct admission to Ph. D. programme in management stream

or

(ii) Candidates with minimum industrial experience of 5 years in managerial position, if otherwise found suitable

or

(iii) For both management and engineering, candidates meeting the eligibility criteria and with experience of more than 7 years may be considered for admission under this category subject to approval of the central Ph. D. Committee, followed by confirmation of the Vice Chancellor.



(5) (i) A candidate who has obtained a degree, as may be considered equivalent to the eligibility criterion, by the University

Or

(ii) A professionally qualified Chartered Accountant/Cost and Works Accountant and/or Company Secretary under the respective Acts of the Parliament, shall be considered eligible to appear in the TIURET.

(6) Application should be made in the prescribed form as per Annexure I.

If a candidate opts for more than one Department, he/she shall clearly mention his/her preference in the application.

(7) The applicant should submit the following documents for admission:

- i. Duly filled in application form;
- ii. Self attested copies of mark-sheets and testimonials;
- iii. The name of the subject in which the candidate desires to apply for the degree;
- iv. The proposed title of the thesis along with a summary of proposed work;
- v. The name(s) of supervisor and Jt. supervisor(s) (if any);
- vi. No objection certificate from the employer, if applicable.

(8) In addition to the documents mentioned in Regulation 1(7) above, foreign students must produce valid visa and the requisite clearance (both academic and otherwise) from the competent authorities at the time of admission.

(9) However, a candidate already admitted to the Ph.D. programme prior to implementation of this regulation is eligible to continue.

(10) **Exemptions:**

A candidate shall be exempted from appearing at TIURET if he / she fulfils at least one of the following criteria:

(i) He / she has qualified in NET/SET/GATE or any other national or State level test for pursuing teaching or research;

or

(ii) He/ she has been awarded UGC, DST, DBT, CSIR, ICMR, ICAR, ICHR, ICPR or such other national/ state level fellowship through a national / state level screening test ;

or

(iii) He / she has been deputed from other countries on any cultural exchange programme;

or

(iv) He / she is a regular teacher of this University.



Regulation 2: Formation and functions of the Committees

(1) Central Admission Committee (CAC):

The Central Admission Committee (CAC) will consist of representatives of all departments, Dean (Research), and Vice Chancellor and this committee shall be chaired by Vice Chancellor and in his absence by Dean (Research). Quorum shall be two-third of the total eligible members.

Functions of the Central Admission Committee (CAC) shall be as follows:

- (i) To ascertain the number of seats available in the Department / Centre / School in consultation with the respective HOD for Ph. D. programme, and specializations related thereto;
- (ii) To shortlist applications for Ph. D. admission department-wise (including name, address, mobile number and e-mail ID), and recommend the same to the Controller of Examinations to conduct TIURET;
- (iii) To prepare and forward a department-wise merit list, including candidates exempted from TIURET (along with the waiting list thereof) to the respective departments;
- (iv) Admission test of 100 marks will have two components: (a) 60 marks for the written test and (b) 40 marks for the seminar / interview. Qualifying marks in the written test shall be 50% (with relaxation as per UGC norms)

(2) Departmental Research Committee (DRC) and its functions

There shall be a Departmental Research Committee in every Department / Centre / School. All faculty members of the Department / Centre / School shall be the members of DRC. The Head of the Department / Centre / School shall be the ex officio Chairperson of the DRC.

Functions of the Departmental Research Committee shall be as follows:

- (i) To conduct interview of all candidates referred by CAC;
- (ii) To prepare a final merit list, including waiting list; the waiting list shall remain valid for 3 months from the date of publication of the merit list.
- (iii) To discuss and allocate the selected candidates to respective supervisor(s);
- (iv) To discuss and recommend the name(s) of new supervisor(s) in case of extended leave/ resignation/retirement/death of the supervisor;
- (v) To recommend the name(s) of joint supervisor(s) if and when required.
- (vi) Such other functions as may be required according to the Regulations.



(3) Doctoral Scrutiny Committee (DSC)

There shall be a Doctoral Scrutiny Committee (DSC) for each selected candidate comprising the following members:

- i. Head of the Department (Chairperson)
- ii. Supervisor(s)
- iii. Joint Supervisor, if any
- iv. One Departmental faculty member
- v. One faculty member from other department of TIU, if available, in consultation with the Supervisor
- vi. One External Expert of the same field

Note 1: In case the HOD does not have a Ph.D. degree, the senior most faculty member with Ph.D. degree will be Chairperson of the DSC.

Note 2: The chairperson may apply discretion to include Dean (Research) & Dean (Academics) as invitees in a specific meeting, if required.

The formation of DSC shall be approved by the Vice Chancellor.

Functions of the Doctoral Scrutiny Committee (DSC)

- (i) DSC shall finalize the coursework for the concerned Research Scholar on the recommendation of the Supervisor;
- (ii) The Ph.D. coursework examination shall be conducted by the Controller of Examinations;
- (iii) Progress of research shall be evaluated by the DSC in each semester.
- (iv) A candidate may modify or alter the title of the thesis only once before submission of his / her thesis with the approval of the DSC. Title of the thesis of the Research Scholar shall be approved by the DSC only after successful completion of the course work.
- (v) Such other functions as may be required according to the Regulations.

Regulation 3: Supervisors and their Eligibility

- (1) Supervisor(s) must have a Ph.D. degree.
- (2) Only a full time regular teacher of this University can act as the Principal Supervisor. An external supervisor, if required, may act as a Jt.-supervisor with approval of the Departmental Research Committee.
- (3) Any regular Professor of this University with at least three research publications in refereed journals and any regular Associate/Assistant Professor of this University with at least one research publication in refereed journals may be recognized as a Research Supervisor.
- (4) A Research Supervisor / Jt.-supervisor who is a Professor, at any given point of time, cannot guide more than eight (8) Ph.D. scholars. An Associate Professor as a Research Supervisor can guide up to a maximum of six (6) Ph.D. scholars and an Assistant Professor as a Research Supervisor can guide up to a maximum of four (4) Ph.D. scholars. Once a Ph. D. thesis is submitted, it will be excluded from computation. Supervision / Jt.-supervision in any other University/ Institution/ College recognized by UGC/AICTE shall also be counted for computation of the above limit.



Regulation 4: Coursework and Course-end Examination

- (1) All candidates admitted to the Ph.D. programme shall be required to complete the coursework prescribed by the Doctoral Scrutiny Committee within one year.
- (2) The credit assigned to the Ph.D. coursework shall be a minimum of 08 credits (as detailed in the table below) and a maximum of 16 credits.
- (3) The coursework shall be treated as prerequisite for Ph.D. preparation. A minimum of four credits shall be assigned to a course on Research Methodology.

Sl. No.	Name of the paper/course item	Credits
1.	Research Methodology (could cover areas such as quantitative methods, computer applications, research ethics and review of published research in the relevant field, training, field work, etc.)	4
2.	Other courses shall be postgraduate courses preparing the students for Ph.D. degree. Minimum one postgraduate level course of 4 credits.	4
Total		8

- (4) The Ph.D. coursework examination will be conducted by the Controller of Examinations. A student shall be given two consecutive chances to pass the examination. And if any student fails to pass the examination his / her admission shall be cancelled.
- (5) A Ph.D. scholar has to obtain a minimum of 60% marks or TIU grade point (as shown in table below) equivalent to B+ in the course work examination.

Performance	Grade	Score on 100 percentage point	Points
Outstanding	O	90 to 100	10
Excellent	A+	80 to 89	9
Very Good	A	70 to 79	8
Good	B+	60 to 69	7
Fair	B	50 to 59	6
Pass	C	40 to 49	5
Fail	F	Below 40	0

- (6) The Course Completion certificate shall be issued by the Controller of Examinations as per Annexure II.

Regulation 5: Registration, Submission and Conferment of Ph. D. degree

(1) Registration, Evaluation and Assessment methods

- (i) A Research Scholar must successfully complete the coursework before applying for registration as per Annexure III.
- (ii) The registration may be initiated after completion of one year from the date of admission. A Research Scholar must present a Registration Seminar in presence of the DSC and submit a “Registration Seminar Report”. After satisfactory incorporation of the suggestions, if any, the DSC shall forward the “Registration Seminar Report” to the Office of the Registrar / Deputy Registrar for necessary



action. The Registrar / Deputy Registrar, in turn, shall issue a certificate of Ph.D. registration as per Annexure IV.

(iii) Ph. D. registration shall remain valid for five years from the date of Registration.

(iv) If a Research Scholar fails to submit his/ her thesis within the valid period, he/she may apply for re-registration. The application for re-registration shall be considered by the respective DSC for onward transmission to the Vice-Chancellor for final approval.

(2) Pre-submission Lecture, Submission of PhD thesis and Viva Voce

(i) A Research Scholar must present the pre-submission seminar in presence of the DSC. After incorporation of the suggestions, if any, the student must submit four hard copies and one soft copy (PDF) of the synopsis (approximately 5000 words, written preferably in Latex with font type Times New Roman and font size 11 point in double spacing) to the DSC for onward transmission to the Office of the Registrar / Deputy Registrar for necessary action. The Office of the Registrar / Deputy Registrar shall issue a receipt of synopsis submission as per Annexure V.

(ii) A Research Scholar must submit his / her Ph.D. thesis (written preferably in Latex with font type Times New Roman and font size 11 point) within three months from the date of submission of synopsis.

(iii) No candidate shall be allowed to submit his/her Ph. D. thesis before three years from the date of admission.

(iv) A student shall have to submit five hard copies and a soft copy (PDF file format) of the thesis to the HOD for onward transmission to the Office of the Registrar / Deputy Registrar. The Office of the Registrar / Deputy Registrar shall issue an acknowledgement receipt of thesis submission (as per format provided in Annexure V) to the HOD.

(v) A Ph. D. thesis must be accompanied by a plagiarism report generated by standard plagiarism detection software approved by the university. A Ph. D. thesis with plagiarism report more than 10% will not be accepted for submission.

(vi) While submitting for evaluation, the Ph. D. thesis shall have an undertaking from the Research Scholar (as per format provided in Annexure VI) and a certificate from the Research Supervisor (as per format provided in Annexure VII) corroborating the originality of the work and that the work has not been submitted for the award of any other degree / diploma of the same University/Institute, or to any other University / Institute.

(vii) The Office of the Registrar / Deputy Registrar shall send the copies to the External examiners nominated by the Vice Chancellor (Regulation 5(2)(viii)).

(viii) The thesis has to be sent to two eminent external experts in the related area and also to the supervisor(s) for adjudication. The format for invitation letter is attached in Annexure VIII. The format of the consent letter to be submitted by Examiner(s) is attached in Annexure IX. On receipt of the consent letter, copies of the thesis are to be sent to the Examiner(s) along with a forwarding letter (Annexure X). The



adjudication reports (Annexure XI) shall have to be submitted within 3 months from the date of dispatch of the thesis. For this purpose, the concerned supervisor(s) will suggest the names of six eminent experts (three from the STATE and three from outside the STATE), two (taking one from each group) of whom shall be chosen by the VC. If any one of the panels is exhausted, the DSC will prepare a fresh panel of examiners to be submitted to the VC.

(ix) Each examiner (including special adjudicator, if any) shall send a report as per the prescribed format given in Annexure X within three months from the date of dispatch of thesis.

(x) On receipt of all the reports, the Office of the Registrar / Deputy Registrar shall intimate the same to the HOD of the concerned department for further processing.

(xi) HOD shall convene a DSC meeting for reviewing the reports of the examiners. The resolution of the DSC meeting (as per prescribed format in Annexure XII) shall be forwarded to the VC for necessary action.

(xii) When a thesis is directed to be modified/re-submitted by any of the examiner(s), the same shall be complied by the Research Scholar. The resubmitted thesis will be examined by another examiner (third examiner) to be appointed by the VC as per the recommendation of the DSC. If the thesis is not recommended for award of PhD degree by the third examiner, then the thesis will be rejected and the Research Scholar will have to start afresh. The Research Scholar will not be permitted to resubmit his/her thesis before one year of such rejection.

(xiii) If the reports are found to be positive, the DSC members shall prepare to arrange for viva voce within four weeks thereafter. For this purpose, the DSC will again prepare a panel of three examiners, from which the VC will nominate one to conduct the viva-voce examination.

(xiv) In the event of a Research Scholar proceeding abroad on an assignment after submission of the thesis, video conference procedure may be adopted for viva voce examination.

(xv) Having been satisfied with the performance in the viva voce examination, the examination board will send its recommendations (as per prescribed format given in Annexure XIII) to the VC for approval of awarding the degree or otherwise. The examination board shall consist of the members of the DSC, Dean (Research), Dean (Academics) and the external examiner. The board will be chaired by Dean (Academics).

(xvi) The Office of the Registrar / Deputy Registrar shall issue a provisional certificate, as per the format given in Annexure XIV, to the Research Scholar.

(xvii) **Conferment of Ph. D. Degree:** The Research Scholar shall be awarded the Ph. D. degree by the University as per the format given in Annexure XV.

Note: Interpretation of Regulations

In case of any dispute in the interpretation of these regulations the decision of the Vice Chancellor shall be final.



**Application form for Admission to
Ph. D. programme in Engineering / Humanities / Management / Science
(Please put \checkmark in appropriate place)**

PARTICULARS TO BE FILLED IN BY THE CANDIDATE

1. Name (in Block Letters)

.....

2. (i). Address for communication

.....

.....

(ii). Mobile number

(iii). E-mail ID

(v). Aadhaar number/ Passport number

3. Father's Name

4. Mother's Name

5. Marital Status

6. Name of Spouse (if applicable)

7. Date of Birth

8. Nationality

9. (i). Highest Qualification (with subject):.....

(ii). Name of the university last attended:.....

(iii). Percentage of marks/grade:.....

(iv). Year of passing:.....

(v). Stream:.....

10. Department:

11. Preference:

(If opted for more than one department, preference should be mentioned as 1st, 2nd, etc.)



- 12. Broad area of research interest:
- 13. Fellowship awarded, if any:
- 14. Any other information, if required
.....
.....
.....
.....

LIST OF ENCLOSURES:

- 1. CV
- 2. Self-attested copies of:
 - i. All testimonials, starting from School Leaving Certificate
 - ii. Aadhaar (for Indian Nationals)/ Passport (for Foreign Nationals)
 - iii. Address Proof
- 3. Copy of Money Receipt/Transaction

Date: _____ Full Signature of candidate
Place: _____

To be submitted to the Office of the Registrar / Deputy Registrar .

Signature of Receiving Officer
(with Date and Official Seal)

FOR OFFICE USE

Forwarded to the Department of
for necessary action.

Signature of DRC Chairman
(with Date and Official Seal)



COURSEWORK COMPLETION CERTIFICATE

This is to certify thatwith
ID..... has successfully completed his/her coursework in the Ph.
D. programme.

Subject-wise breakup is provided overleaf.

Signature of the Controller of Examinations
Date and Seal



Annexure III

Application for Ph. D. Registration

To
The Chairperson,
Doctoral Scrutiny Committee,
Department of
Techno India University, West Bengal
Salt Lake, Kolkata 700091

Sir/Madam,

I would like to apply for registration to the Ph.D. programme in the Department of..... of this University. The necessary particulars are furnished below:

Yours faithfully,

Signature of the candidate

1. Name (in Block Letters)

2. Scholar ID

3. Name of the Supervisor
Jt.-supervisor (if any)

4. Proposed Title of the Research
.....
.....
.....

5. Date of Admission to the Ph. D. Programme
.....

6. If employed, furnish a 'no objection' certificate from employer/appropriate authority

Note: The applicant must submit self-attested copy of "Coursework Completion Certificate"

Date

Signature of the candidate



CERTIFICATE OF Ph.D. REGISTRATION

This is to certify that, with Student ID/Enrollment ID is registered for the Ph.D. programme with effect from.....in the Department of of this University. His/her Registration number isHe / she is under the Supervision of and Jt-supervision (if any) of

The registration is valid for five years.

**Signature of the Registrar
(with Date and Official Seal)**



ACKNOWLEDGEMNT OF SYNOPSIS/THESIS SUBMISSION

To Whom It May Concern

This is to acknowledge that (Registration No.:
.....) of the Department
has submitted 4 hard copies of the synopsis / 5 hard copies of the thesis *along with a
soft copy of the thesis on the topic titled “
.....
.....” on

Signature of the Registrar / Deputy Registrar
Date and Seal

* Please strike out whichever is not applicable



UNDERTAKING

I declare that

- a. The work contained in the thesis is original and has been done by myself under the general supervision of my supervisor(s).
- b. The work has not been submitted to any other Institute for any degree or diploma.
- c. I have followed the guidelines provided by the Institute while preparing the thesis.
- d. I have conformed to the norms and guidelines given in the Ethical Code of Conduct of the Institute.
- e. Whenever I have used materials (data, theoretical analysis, and text) from other sources, I have given due credit to them by citing them in the text of the thesis and giving their details in the bibliography.
- f. Whenever I have quoted written materials from other sources, I have put them under quotation marks and given due credit to the sources by citing them and giving required details in the bibliography.

Signature of the Research Scholar



CERTIFICATE BY SUPERVISOR

This is to certify that the thesis, titled <TITLE OF THE THESIS> submitted by <NAME OF RESEARCH SCHOLAR with REGISTRATION NUMBER> at the Techno India University, West Bengal for the award of the Degree of Doctor of Philosophy (Engineering / Humanities /Management / Science) is a bonafide research work carried out by him / her under my / our supervision and guidance. This thesis fulfils the requirements of the regulations of the University, relating to the nature and standard of the work for the award of the Degree of Doctor of Philosophy (Engineering / Humanities /Management / Science), and in my / our opinion, is worthy for consideration of the award of the degree.

Date

Signature of the Supervisor(s) with Name and Designation



Annexure VIII

From:
The Registrar / Deputy Registrar ,
Techno India University, West Bengal,
EM-4, Salt Lake, Sector-V,
Kolkata-700091
E-mail:
Phone no.:

To:
<Name, designation and full address of the concerned Reviewer>

Madam / Sir,

The University will be pleased, if you kindly agree to be one of the examiners to adjudicate a thesis submitted for the Ph.D. (Engineering / Humanities /Management / Science) degree of the University. The particulars are given below:

The synopsis of the thesis and the relevant rules of the University are enclosed herewith. The thesis will be sent to you on receipt of your consent. The University will be pleased if you kindly accept a token honorarium of <HONORARIUM in WORDS> only for the adjudication of the thesis.

It will be highly appreciated if you will kindly send your **consent** in the attached form as well as through e-mail to the undersigned as early as possible.

Yours faithfully,

Signature of the Registrar / Deputy Registrar
Date and Seal

Enclo: As stated.

Name of the Candidate : _____

Title of the Thesis : _____



CONSENT LETTER

The Registrar / Deputy Registrar ,
Techno India University, West Bengal,
EM-4, Salt Lake, Sector-V,
Kolkata-700091

Ref: Your letter number _____ dated _____

Dear Sir,

I am willing / unwilling to be one of the examiners of the thesis titled _____

_____ submitted by

_____ for Ph.D. (Engineering / Humanities

/ Management / Science) degree at your University.

Signature _____

Name _____

Address _____

Date _____

*Please tick whichever is applicable

Enclosure(s):



Annexure X

To
NAME and FULL ADDRESS of EXAMINER

Dear <NAME>

As per your consent dated <DATE of CONSENT LETTER>, I am requesting you to examine the thesis entitled <TITLE OF THESIS> submitted by <NAME OF SCHOLAR> for Ph.D. (Engineering / Humanities / Management / Science) degree of this University.

Copy of the thesis is being sent to you under separate cover.

It will be highly appreciated if you kindly send your thesis examination report to the Registrar / Deputy Registrar, Techno India University, West Bengal, duly signed in separate sheets as per Annexure IX in a confidential cover as early as possible preferably within three months.

The University will be pleased to pay you a token honorarium of <HONORARIUM in WORDS> for adjudication of the above thesis. A pre-receipted honorarium bill is enclosed herewith.

Yours faithfully

Registrar / Deputy Registrar
Signature and Seal with Date

Encl: As stated



ADJUDICATION REPORT

CONFIDENTIAL

REPORT ON THESIS SUBMITTED FOR AWARD OF Ph.D. DEGREE

(Use additional sheets if space for any item is inadequate)

- 1 Name of Candidate :
- 2.1 Title of the Thesis :
- 2.1 Submitted for award of PhD. in :

3.	<u>Option of the Examiner</u>	<u>Please tick in the appropriate box</u>
3.1	Is the thesis of substantial nature making a distinct addition to knowledge in the subject?	Yes <input type="checkbox"/> No <input type="checkbox"/>
3.2 (a)	Is the thesis original in nature?	Yes <input type="checkbox"/> No <input type="checkbox"/>
(b)	If Yes (i) Does it open a new field of research? Or	Yes <input type="checkbox"/> No <input type="checkbox"/>
	(ii) Does it give a new interpretation to facts already known? Or	Yes <input type="checkbox"/> No <input type="checkbox"/>
	(iii) Does it make a marked advance on the results of previous investigation? And	Yes <input type="checkbox"/> No <input type="checkbox"/>
	(iv) Does the thesis show evidence of being a scholarly work of merit carried out independently by the candidate?	Yes <input type="checkbox"/> No <input type="checkbox"/>
4.	<u>Recommendations</u>	Yes <input type="checkbox"/> No <input type="checkbox"/>
4.1	Do you recommend award of degree on the basis of the thesis presented?	Yes <input type="checkbox"/> No <input type="checkbox"/>

Signature of the Examiner with Date



4.2	Reasons in support of your recommendations (attach separate sheet if necessary)

4.3	If not recommended, state reasons (attach separate sheet if necessary)

4.4	Do you suggest revision of the thesis? If so, please indicate the aspects to be covered under the revision (attach separate sheet if necessary)

Signature of the Examiner with Date

Name and full address of the Examiner:

Telephone / fax number:

Email id:



Annexure XII

Dated:

Sub: Resolution of the meeting of the Doctoral Scrutiny Committee to consider the Adjudication Reports from all the Examiners of PhD. Thesis submitted by, Department of, Techno India University, West Bengal.

Registration Number:

Thesis Title:

The meeting of the Doctoral Scrutiny Committee of (Registration No.) has been held on at in the Department of, Techno India University, West Bengal to consider the adjudication reports from all the examiners.

Summary of the Meeting:

Signature of all members of the DSC:

Supervisor:

Member 1:

Member 2:

Member 3:



Annexure XIII

REPORT OF VIVA-VOCE EXAMINATION OF THE PH.D. THESIS

submitted by

<NAME OF CANDIDATE WITH REGISTRATION NO. dated DATE>

The viva-voce examination of the Ph.D. Thesis titled <TITLE OF THESIS> submitted by <NAME OF CANDIDATE> of the <NAME OF DEPARTMENT>, Techno India University, West Bengal held on <DATE OF VIVA VOCE> at <TIME OF VIVA VOCE>.

The report of the above viva-voce examination is as follows:

1. The candidate <NAME OF CANDIDATE> defended his Ph.D thesis in an open seminar in presence of the External examiner, Members of the Doctoral Scrutiny Committee, Faculty Members, Research Scholar and students.
2. The performance in the seminar was quite excellent. He has answered all questions asked by the examiners and the audience with confidence.
3. Based on his performance in the viva-voce examination, the Board of Examiners in the Viva-voce Board recommends the award of the Ph.D. degree to <NAME OF CANDIDATE> on this day < DATE OF VIVA VOCE >.

Signature of the External Examiner with Name and Designation

Signature of the Supervisor(s) with Name and Designation

Signature of the Members of the DSC:



PROVISIONAL CERTIFICATE

for the degree of

DOCTOR OF PHILOSOPHY

On the basis of recommendations of the Board of Examiners on their adjudication of the Ph.D. thesis and on satisfactory performance in the Ph.D. viva voce examination (held on), it is certified that, Registration No., worked under the guidance of, of the Department of has successfully completed all the prescribed requirements for the degree of ***Doctor of Philosophy*** of the University.

The title of the Ph.D. thesis is

.....
.....
.....

This certificate is issued this day, the, with the approval of the authorities.

Signature of the Registrar / Deputy Registrar
Date and Seal

Note:

1. The Degree has been awarded in accordance with the provisions of the University Grants Commission (minimum standards and procedure for award of Ph.D. Degree), Regulations, 2016.
2. Validity of this certificate will expire after the final degree is awarded.

Techno India University, West Bengal



*Upon recommendation of the Academic Council
hereby confers the degree of*

Doctor of Philosophy

*(Engineering / Humanities / Management /
Science)*

on

<NAME>

in recognition of the research work on

<TITLE OF THESIS>

in the year _____

Vice-Chancellor

Chancellor

<DATE as in The 24th of May, 2017>