ADMISSION TO Ph.D. PROGRAMMES 2016-2017

1. **ADMISSION CATEGORIES**

   1.1 Programmes offered by the Institute

a) **Full Time**

   i)   Regular full time scholars with institute fellowship/JRF. The institute fellowship will be limited and shall be available on merit.
   ii) Full Time Self-financed (Indian / Foreign) Study leave / College teacher.
   iii) Indian: This category refers to the persons with experience and good academic record to join the doctoral program in their personal capacity.
   iv) Foreign: These students are admitted through embassy of the foreign government after getting approval from the ministry of external affairs and NOC from Ministry of Human Resource Development or Department of Education, Government of India or admitted under MoU with NIT Puducherry.

b) **Sponsored Full Time**

   i)   Sponsored scholars being employee of a public sector undertaking, government department, defense organization, Research and development organization, a private institution or educational institutions.
   ii) Sponsored by their normal salary and allowances and are relieved for a period of not less than three years for pursuing Ph.D. program.
   iii) In case, the sponsorship is withdrawn, the candidate can continue his Ph.D. program provided he / she has passed the comprehensive examination. He can continue with self-financial supporting programme.
   iv) Minimum working experience of two years in the relevant field.
        Sponsored from industries under bilateral agreement with the institute.

c) **Part Time**

   i)   Regular institute faculty who are employees of the institute can register at NIT, Puducherry.
   ii) Research Fellow of other government institution / organization which have MoU with the NIT Puducherry can register at NIT, Puducherry. The feasibility of doing this with sufficient intensity will be an important consideration in admitting the scholar in this category.
   iii) Project Staff: Working on various projects undertaken by the institute where Ph.D. degree is not a requirement but can be admitted to Ph.D. program of NIT, Puducherry.

iv) External Candidates: Working in other public / private sector organizations or research laboratories having R&D facilities and will normally carry out part or all of one's research work there only under supervision of a guide employed in the same organization and a Supervisor at NIT Puducherry with the registration at NIT, Puducherry.

2. EDUCATIONAL QUALIFICATION

I. Ph.D. in Engineering

Candidates with first class Bachelor's degree in Engineering/Technology and Master's degree in Engineering/Technology or a Masters degree by Research (M.S. By Research) in relevant Engineering/Technology disciplines with a minimum of 60% aggregate marks or equivalent CGPA of 6.5/10 for OC/OBC category and 55% aggregate marks or equivalent CGPA of 6.0 is the eligibility requirement for SC/ST/PH category.

II. Ph.D. in Science and Humanities

Candidates with first class Master's degree in Sciences/Humanities in the relevant discipline with a minimum of 60% aggregate marks or equivalent CGPA of 6.5/10 for OC/OBC category and 55% aggregate marks or equivalent CGPA of 6.0/10 for SC/ST/PH category is the eligibility requirement. A valid GATE/UGC/CSIR/NET score is required for full-time candidates.

Areas of research are shown in Table I.

3. SELECTION PROCEDURE

Following the scrutiny and short-listing of the applications, eligible candidates will be called for written test and/or interview.

4. ADMISSION

Candidates whose selection is approved by Director will be admitted to the Ph.D. programme by paying the prescribed fees.

Table I. Areas of research

S.No	Department	Areas of Research
1	Computer Science and Engineering	Networks, Network Security, Machine Learning
2	Electronics and Communication Engineering	Wireless Networks, Microwave / RF devices, Antennas
3	Electrical and Electronics Engineering	Power Electronics application in power system, renewable energy integration, smart grid, Fractional Order control system, process dynamic and simulation, control of bio medical system and model based system, Instrumentation system design, High voltage engineering, conditional monitoring of insulator, power converters.
4	Mechanical Engineering	Solar Energy, Heat Transfer, Fluid Flow, CFD, Integration of High Temperature Solar Thermal and CPV.
5	Chemistry	Nanomaterials, Conducting Polymers and Electroanalytical Chemistry
6	Mathematics	Fuzzy set theory, intuitionistic fuzzy set, fuzzy optimization, reliability optimization, production inventory, mathematical biology, transportation, soft computing, ecological modelling, software reliability, Computational Fluid Dynamics, Computational Methods
7	Physics	Experimental condensed matter physics(thin films), Solid State Ionics-Materials for battery materials
8	English	ELT, Linguistics, Communicative English, Soft Skills

5. PAYMENT OF FEES

A) One Time Fees

Admission Fee	:	Rs. 200.00
Grade Card	:	Rs. 150.00
Medical Examination Fee	:	Rs. 100.00
Alumni Life Membership	:	Rs. 500.00
Seminar / Thesis Fee	:	Rs. 950.00
Institute Deposit (Refundable)	:	Rs. 3,000.00
Library Deposit (Refundable)	:	Rs. 500.00

Total Amount (A) :		**Rs. 5,400.00**

B) Semester Fees

Tuition Fee	:	Rs.*7,500.00
Computer Fee	:	Rs. 1,000.00
Internet Charges	:	Rs. 300.00
Library Fee	:	Rs. 1,000.00
Registration and Enrollment	:	Rs. 200.00
Association and Cultural Fee	:	Rs. 1,000.00
Student Aid Fee	:	Rs. 200.00
Sports Centre	:	Rs. 100.00
Medical and Insurance Fee	:	Rs. 200.00

Total Amount (B) :		**Rs.11,500.00**
		-----------------

* Since SC/ST students are exempted from tuition fees, amount payable by them is **Rs. 9,400/-**

C) Hostel Fees

Establishment Fee	:	Rs. 4,000.00
Rent	:	Rs. 6,000.00
Mess Fee	:	Rs.12,500.00
One Time Caution Deposit (Refundable)	:	Rs. 4,000.00

Total Amount (C) :		**Rs.26,500.00**

Financial Assistance

A few research fellowships are available to full time research scholars who are not receiving any financial support/scholarship from other Agencies or State or Central Governments. They are required to assist the Department in the academic work for at least 8 hours per week as per guidelines issued by the Ministry of Human Resources and Development, Govt. of India, in addition to satisfying other conditions for the award of the fellowship. GATE Score is mandatory for institute fellowship. The present fellowship is as follows:

Department / Discipline	Stipend
Ph.D. in Engineering	Rs.28,000/-
Ph.D. in Sciences	Rs.25,000/-

This facility will not be available to UGC/CSIR/NBHM/NET/JEST etc., Fellowship holders. However, those who are awarded UGC/CSIR/NBHM/NET/JEST etc may enjoy the Doctoral Fellowships once admitted to the Ph.D. programme.

5. DURATION OF THE PROGRAMME

a) A full time candidate can submit the synopsis and thesis only after a minimum period of study of 21 and 24 months respectively from the date of registration.

b) A part time candidate can submit the synopsis and thesis only after a minimum period of study of 33 and 36 months respectively from the date of registration.

c) The maximum period to complete the programme is 5 years for full time candidates and 7 years for part time. However, scholarship will be given up to 4 years for full time candidates.

6. RESIDENTIAL REQUIREMENTS

a) Full time candidates can leave the Institute for taking up jobs, only after submission of synopsis of the thesis.

b) The minimum residential requirement for Ph.D. scholar under external registration and research scholars working on a part time basis not employed in the institute is one year.

c) All part time candidates/students have to spend minimum 30 contact days per semester till thesis submission in the institute with the supervisor. Such candidates have to obtain permission to this effect from their parent organization.

7. HOW TO APPLY?

Candidates applying for Ph.D. programme can apply through the downloaded application form available at www.nitpy.ac.in. The filled up application form along with self-attested photocopies of marksheets, degree certificates, community certificates, and the necessary enclosures along with a non-refundable application fee of Rs. 1000/- (Rs.500/- for SC/ST/PH) by means of Demand Draft drawn in favour of **"The Director, National Institute of Technology, Puducherry" payable at Karaikal** should reach **'The Registrar (i/c), National Institute of Technology Puducherry, Thiruvettakudy, Karaikal–609609** on or before **15-09-2016.**

8. Important Dates:

Last date of application	Publication of Shortlisted candidates	Written test and interview	Publication of selected list	Admission
15/09/2016	19/09/2016	01/10/2016, Reporting time at 9.00 am.	03/10/2016	13/10/2016 to 17/10/2016

For further queries, contact:

The Registrar (i/c),
National Institute of Technology,
Thiruvettakudy,
Karaikal – 609 609.
Phone:+91(0) 4368 265 232
E-mail: admission@nitpy.ac.in

LAST DATE FOR SUBMITTING THE FILLED IN APPLICATION IS 15-09-2016

***

राष्ट्रीय प्रौद्योगिकी संस्थान पुदुच्चेरी
थिरुवेत्ताकुड्डी, कारैक्काल– 609 609
NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY
THIRUVETTAKUDY, KARAIKAL – 609 609

APPLICATION FOR ADMISSION TO Ph.D.PROGRAMME (2016-2017)

Registration Number *(for office use only):*
_____

Demand Draft Details   :   DD No._____Date:_____

Amount Rs: _____Bank Drawn: _____

Application category   : 1. Full time _____
                           2. Part-time _____

¥DEPARTMENT	
AREA OF RESEARCH	

Affix a recent
Passport Size Photo
(Self Attested)

(USE CAPITAL LETTERS)

1	Name of the Candidate				
	Father's / Guardian's / Husband's Name				
	Date of Birth (DD-MM-YYYY)		Age:		Years:
	Sex *(strike out the inappropriate)*	Male / Female	Marital Status		Married / Single
2	#Category (☑ *in the appropriate*)	OC ☐ OBC ☐ SC ☐ ST ☐			
3	#Physically Challenged (PH) (Persons with disability of 40% and above)	YES ☐ NO ☐			
4	Nationality				

5	Address for Communication		Permanent Address	
	Land Line:		Mobile	
	E-Mail ID:			

¥ *Candidates applying for more than one department should submit separate application form for each department. However, a single registration fee is sufficient. The candidates are required to write their full name on the reverse side of the draft.*
Attach photocopies of certificates. Original certificates should be produced at the time of admission.

6. #Qualifying Degree Particulars	UG	PG
Name of the Degree		
Branch / Specialization		
*Percentage of Marks / CGPA		
Class (Honours / Distinction / First / Second)		
Name of the Institution		
Name of the University		
Year of Passing		

* Write as '**RA**' if results awaiting

7	#GATE/NET/SLET/CSIR/CAT/ UGC (if applicable)	Score & Rank, Percentile		Year appeared & Validity	
		Discipline			
8	Title of P.G. Project				
9	$Details of publication in refereed journals/ Proceedings of Conference (Please attach separate sheet, if needed)				
10	Awards/ Prizes/Sports/NCC etc (Please attach separate sheet, if needed)				

11. #Details of Professional Experience:

Name & Address of Employer	Position Held	Duration From	To

I do hereby declare that the information given in this application are true and correct to the best of my knowledge. If any of the particulars furnished above are found to be incorrect at the time of admission, the admission will be cancelled.

Date: **Signature of the Applicant**

Attach photocopies of certificates. Original certificates should be produced at the time of admission.
$ *Attach photocopies of journals/conference papers*
Note: **The part time external Ph.D. applicant should attach the duly filled in Form-1 & Form-2, and Part time on campus applicant should attach the duly filled in Form-3. Otherwise, the application will be rejected.**

राष्ट्रीय प्रौद्योगिकी संस्थान पुदुच्चेरी
थिरुवेत्ताकुड़ी, कारैक्काल– 609 609

NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY
THIRUVETTAKUDY, KARAIKAL – 609 609

Ph.D. ENTRANCE EXAMINATION 2016 - 17

ADMIT CARD

Name of the Candidate   : _____

Signature of the Candidate: _____

Affix a Recent
Passport Size Photo
(Self Attested)

FOR OFFICE USE

Registration
Number   : | | | | | | | |

Department   : _____

Examination Date   : _____Time: _____

HoD / Admission Co-ordinator   **Seal**

Certificate from the Sponsoring Organization
(To be submitted in the Official Letter Head by the Ph.D. External Registration Candidates)

The applicant ………………..…………..…………………………… working as...……………………..…………………… in …………..……………………… since …..……….. is herewith recommended and forwarded for admission under External Registration Scheme of the **National Institute of Technology Puducherry** for part time Ph.D. Program in the Department of…..…………………………………………….

Certified that:

1. This organization has adequate facilities for carrying out the research indicated by the applicant and if he/she is selected, these will be made available to him/her during regular working hours till the completion of the programme.

2. The applicant will be deputed/given leave for duration of his/her residence period at NIT Puducherry.

3. Facilities will be made available to the Supervisor (External Guide) to supervise the work of the applicant and to attend the meetings at NIT Puducherry, when necessary.

4. Till the completion of his/her research programme, the applicant will not ordinarily be transferred to another unit or place which may impede his/her work under the scheme. If such a transfer is necessary, NIT Puducherry will be informed within a month of such transfer.

5. No part of the work carried out in fulfillment of the Research programme will be utilized commercially or for applying for a Patent without the approval of **National Institute of Technology Puducherry.**

Date:

Signature of the Sponsoring Authority

Name and Designation

Seal of the organization/ Institution

Postal address of the Organization/ Institution:

Certificate of External guide/ Research coordinator
(To be submitted by the Ph.D External Registration Candidates)

This is to state that in the event of Mr./Ms. ……………………………. of this organization being selected for part time Ph.D programme in the Department of …………………………… under the External Registration Scheme of NIT Puducherry, I agree to be his/her External Guide / Research coordinator and shall extend all possible guidance and following facilities to enable him/her to carry out his/her research programme towards the submission of thesis.

Particulars of Prospective External Guide/Research Coordinator:

(1) Name of proposed External Guide / Research coordinator (In Block letters):

(2) Designation of External Guide / Research coordinator:

(3) Academic qualifications of External Guide /Research coordinator:

(4) Membership of Professional Societies of External Guide /Research coordinator:

Research Facilities Available: (To be filled here)

Date: **Signature of the External Guide/Research Coordinator**

                                                 Name and Designation

Seal of the organization

No Objection Certificate from the Employing Organization
(To be submitted in the Official Letter Head by Ph.D. Part time - On campus candidates)

The applicant ……………………….……..……………………………………………… working as …………….……….……in…………….……………since …..……….. is herewith recommended and forwarded for admission under Part time on campus scheme of the **National Institute of Technology Puducherry** for Ph.D programme in the Department of ……………………………………………………

1. We note that facilities of the NIT Puducherry will be made available to him/ her for carrying out the research work under the supervision of a guide and he/ she has to pay full fees every semester for the use of laboratory, library and other facilities of the Institute.

2. This organization facility will also be made available to him/ her in the case of selection.

3. The applicant will be deputed/given leave for duration of his/her residence period at NIT Puducherry.

4. Till the completion of his/her research programme, the applicant will not ordinarily be transferred to another unit or place which may impede his/her work under the scheme. If such a transfer is necessary, NIT, Puducherry will be informed within a month of such transfer.

5. No part of the work carried out fulfillment of the Research programme will be utilized commercially or for applying for a Patent without the approval of **National Institute of Technology Puducherry**.

Date: **Signature of the Sponsoring Authority**
                                                             Name and Designation

Seal of the organization/ Institution

Postal address of the Organization/ Institution

ADDRESS SLIPS
(All the slips should be filled by the candidate with the same address for communication)

(IN BLOCK LETTERS)

To

To

To

To

CHECK LIST

List of Enclosures (Put tick mark in the space provided and strike out whichever is not applicable)

1.	Application fee (DD) – Original	
2.	GATE(2015, 2016)/UGC/NET/CAT/AIMA/CSIR/NBHM-Score card (if applicable)	
3.	Photograph (Affixed)	
4.	10th or HSC certificate, Degree / Provisional certificate, Mark sheets	
5.	OBC / SC / ST and PH Certificates (if applicable)	
6.	Form-1, Form-2 and Form-3 (If applicable)	
7.	Experience Certificate (If applicable)	
8.	Journals/conference papers (if applicable)	
9.	Awards/Prizes/Sports/NCC (if applicable)	