

Information Brochure

Admission

To

Ph.D. (Full Time) Programs

July 2019



Visvesvaraya National Institute of
Technology, Nagpur

1. Programs offered by the Institute.

Cat. No.	For	Departments
1.	Non-sponsored candidates with Teaching Assistantship	Engineering : Civil, Mechanical, Electrical, Electronics, Computer Science, Chemical, Metallurgical & Materials, Mining , Applied Mechanics
2.	VNIT's M.Tech. Students with Teaching Assistantship	
3.	SRF / JRF / research staff of R&D projects sponsored to VNIT	
4.	Sponsored candidates (place of research work VNIT only)	Architecture & Planning
5.	Sponsored Candidate from 100% centrally funded research laboratories including public sector and private industries	Applied Sciences: Physics, Chemistry Mathematics and Humanities

NOTE : 1. Institute will not provide any stipend or any other financial support to Ph.D. (Full Time) sponsored candidates of Cat. 4 and Cat. 5.

2. Cat. 1 and Cat. 2 Candidates desirous of seeking admission to Ph. D. (Full Time) programs with teaching assistantship should note that the candidate's admission and eligibility for emolument shall be subjected to his signing agreement with the institute.

3. Number of seats per department may change depending on availability of Ph.D. vacancies under Supervisor's & suitability of the candidates.

2. Essential requirement.

Sr.No.	Departments	Qualifying Degree	Qualifying Exam
1	Engineering	Post Graduate degree in Engineering / Technology (M.E./M.Tech. or equivalent)	GATE qualified
2	Architecture and Planning	Post Graduate Degree in Architecture and Planning (ME, M. Tech. M. Arch, M. Plan. or equivalent)	GATE / NET qualified
3	Applied Sciences	Post Graduate (M. Sc. / M.A. or equivalent) Degree in Basic Science or Graduate Degree in Professional Course	NET / GATE qualified

For other details, please see the 'Guidelines, Rules and Regulations Governing Ph.D. (Full Time) programs January 2019' on VNIT website.

3. Important dates to remember.

- Date of notification / accepting application - **Monday, 29.04.2019**
- Last date of receiving of application - **Monday, 27.05.2019**
- Display of list of eligible candidates (in website vnit.ac.in) - **Monday, 03.06.2019**
- Written test for eligible candidates - **Thursday, 13.06.2019**
- Interview for short listed candidates - **13.06.2019 & 14.06.2019**
- Provisional list of selected candidate - **Wednesday, 19.06.2019**
- Reporting for admission and classes - **01.07.2019 to 05.07.2019**

4. Schedule for Written Test & Interview.

	Department	Written Test (Date & Time)	Interview (Date & Time)
1.	Applied Mechanics	13.06.2019 10.00 am to 11.00 am	13.06.2019 2.30 pm to 5.00 pm
2.	Architecture and Planning		
3.	Chemical Engineering		
4.	Mathematics		
5.	Electronics & Communication Engineering		
6.	Humanities and Social Sciences		
7.	Chemistry		
8.	Metallurgy and Materials Engineering		
9.	Mining Engineering		
10.	Physics		
11.	Civil Engineering	13.06.2019 11.30 am to 12.30 pm	14.06.2019 10.00 am to 1.00 pm
12.	Computer Science and Engineering		
13.	Electrical Engineering		
14.	Mechanical Engineering		
15.	VLSI & Nanotechnology		

*** Written Test and Interview will be held in the respective department**

5. Eligibility criteria.

Sr. No.	Name of the Department	Eligibility for Ph.D
1.	Applied Mechanics	B.E. / B. Tech./ AMIE in Civil Engineering AND M E / M.Tech in Structural Engineering related specialization with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's OR Master's level AND Qualified GATE score in the past.
2.	Chemical Engineering	BE / B. Tech. in Chemical Engineering / Chemical Technology/ Biochemical Engineering / Biotechnology/ Nanotechnology/Civil Engineering/Environmental Engineering/Mechanical Engineering/Material Engineering/Energy Engineering AND M E / M. Tech in Chemical Engineering / Chemical Technology/ Biochemical Engineering / Biotechnology /Nanotechnology/ Civil Engineering/Environmental Engineering//Mechanical Engineering/Material Engineering/Energy Engineering / Industrial Pollution Abatement/ Bio Process Engineering/ Mineral Processing/Food Technology/Computer Aided Chemical Engineering and Chemical Engineering related disciplines with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's OR Master's level AND Qualified GATE score in the past.
3.	Civil Engineering	B.E. / B.Tech / AMIE (Civil) AND M E / M.Tech in any branch of Civil Engineering/ Excavation Engineering/Mining Engineering/Applied Geology/ Urban Planning/ Urban Resource Planning/ Master's in Planning(M Plan) with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's OR Master's level AND Qualified GATE score in the past.
4.	Computer Science and Engineering	B.E. / B. Tech. / AMIE or equivalent in any branch of Engineering AND M.E./M. Tech or equivalent in one of the following branches : Computer Science/ Computer Technology/Computer Engineering/ Information Technology/ Information Science with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's OR Master's level AND Qualified GATE score in the past.
5.	Electrical Engineering	B.E./B.Tech in Electrical Engineering / Allied branches as Electrical & Electronics, Power Engineering, Electrical & Power, Energy Systems, Electronics & Instrumentation, Control & Instrumentation, Instrumentation , with minimum first class or CPI / CGPA 6.75 on a 10 point scale AND M E / M. Tech in Electrical Engineering/ Allied Specializations as Power Electronics & Drives, Power Electronics, Electronics, Signal Processing, Power Systems, Condition Monitoring, Energy systems, Instrumentation, Control systems, Power & Control, Bio-medical with minimum first class or CPI / CGPA 6.75 on a 10 point scale

		AND Qualified GATE Score in Electrical Engineering (EE) OR Instrumentation (IN) in the past.
6.	Electronics & Communication Engineering	B.E. / B. Tech. /AMIE/AMIETE/B.Sc.(Engg.) of four years duration in one of the following branches : Electronics and Communication /Electronics and Telecommunication/ Electronics/ Electronics and Instrumentation and other allied branches of Electronics Engineering with minimum first class or CPI / CGPA 6.75 on a 10 point scale AND M.Tech/M.E./M.S.(at least two year program) in above branches with minimum first class or CPI / CGPA 6.75 on a 10 point scale AND Qualified GATE score in the past.
7.	VLSI & Nanotechnology	M.E. / M. Tech in one of the following branches Microelectronics, Nanoelectronics, VLSI and embedded system, VLSI design, VLSI systems, digital Electronics, Microelectronics AND VLSI design or VLSI and Embedded systems related branches OR Microelectronics /Nanoelectronics related branches with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's OR Master's level AND Qualified GATE score in the past.
8.	Mechanical Engineering	M E / M. Tech in Mechanical Engineering / Production Engineering / Automobile Engineering / Industrial Engineering / Power Plant Engg. / Chemical Engineering / Aerospace Engineering / Energy Systems & Engineering /Production and Industrial System Engg./ Materials Engg./ Technology, Thermal Engineering, Fluid and Thermal Engineering with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's OR Master's level AND Qualified GATE score in the past.
9.	Metallurgy and Materials Engineering	M E / M. Tech in Metallurgy / Material Engineering / Mechanical / Production / Industrial / Chemical with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's OR Master's level AND Qualified GATE score in the past.
10.	Mining Engineering	M E / M. Tech in Mining Engg or related to Mining Engg / Civil Engineering / Env. Engg. / Geo-Tech Engg/ Mine Planning / Rock Mechanics / Opencast Mining / Mineral Engg. OR M.Sc. / M.Sc. Tech in Geology / Applied Geology/ Environment with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's OR Master's level AND Qualified GATE score in the past.
11.	Architecture and Planning	B.Arch. / BE (Civil) / B.Tech.(Civil) / B.Plan. / B.Tech. (Plan) or equivalent with M.C.P./M. Arch./M.Des. / M.Tech. (Urban Planning) / M. Plan./ M.U.R.P. / ME (T&C.P) / other masters in relevant field with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's OR Master's level AND

		Qualified GATE / NET score in the past.
12.	Physics	A Master's Degree in the concerned or an allied subject with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's or Master's level AND Qualified GATE/NET score in the past.
13.	Chemistry	M.Sc. in Chemistry, Biochemistry, Pharmacy and other Chemistry related discipline with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Bachelor's or Master's level AND Qualified GATE/NET score in the past
14.	Mathematics	M.Sc. in Mathematics / Applied Mathematics with minimum first class or CPI / CGPA 6.75 on a 10 point scale at Master's level AND Qualified GATE/NET score in the past
15.	Humanities and Social Sciences	M.A. in English / Sociology /Economics with minimum first class or CPI / CGPA 6.75 on a 10 point scale AND Qualified GATE/NET score in the past.

Note:

i)The candidate having secured Government Fellowship i.e, DST fellowship, CSIR fellowship, UGC fellowship can apply for Ph.D. program under Cat 1 at VNIT even if candidate does not have valid GATE scores/NET qualification or candidate has not appeared for GATE/NET.

ii) Candidates, whose M.E. / M.Tech/ M.Arch. / M.Plan. / M.Sc. result is awaited, can also apply for Ph.D. program. They will have to submit the result of M.E. / M.Tech/ M.Arch. / M.Plan. / M.Sc. exam before July 31, 2019, till that time their registration will be provisional.

6. Admission Procedure.

6.1 The application form is available on institute website www.vnit.ac.in.

Candidate has to pay application fee of Rs 500/- online through "State Bank Collect". After payment, SBI Collect generates receipt mentioning **SBI Collect Ref. No.** (e.g.: DU65.....). Candidate shall mention this **SBI Collect Ref. No** in the application form & also print a copy of the receipt.

The duly filled application form, along with photo copies of the certificates (self-attested) & photograph, and copy of SBI Collect receipt, should be sent by post / or hand delivery to
To,
Dy. Registrar (Academic),
VNIT, South Ambazari Road,
Nagpur – 440010 (M.S.)

Incomplete application and /or applications received after the last date are liable to be rejected.

Candidates should mention on the Envelope: **PhD- Name of Department**

6.2 All candidates will be required to appear for the written test, which will be conducted in the respective departments on the date specified in the information brochure. Further, the candidates shortlisted on the basis of performance in the written test shall be interviewed.

Top most scorer of the written test will be normalized to 100 and marks of other candidates will be scaled accordingly. Then depending on the number of candidates to be called for the interview, Department can set a cut-off normalized score. However, normalized cut-off below 40% is not allowed. Candidates will appear for written test / interview at their own cost.

6.3. The interviews for the short listed candidates will be conducted in the concerned departments as per the schedule given in this brochure. The constitution of the interview committee will be as follows:

1. HoD of the concerned department - Chairman
2. Dean (R&C) / Dean (Acad)/ Professor from other department - Director's Nominee
3. All faculty members from the concerned department/ discipline who are recognized Ph.D. supervisors– Members

6.4

(i) Candidate should have qualified GATE/NET score in the past. The GATE/NET score, percentile GATE score as well as qualified mark should be stated.

(ii) Candidate should also score minimum 40% marks in Interview for selection.

(iii) Final list will be prepared based on following points

Written Exam	-	40%
GATE/NET Score	-	40%
Interview	-	20%

6.5 The provisional list of selected candidates will be displayed on Institute's website and no separate intimation will be sent to the candidates. Selected candidates shall report to Dy. Registrar (Academic) for admission and payment of prescribed fees latest by 05th July, 2019.

6.6 Candidate shall report to the concerned department for allotted Supervisors. Candidate in consultation with the supervisor shall identify the area of research and prepare a synopsis. The supervisor will propose a **Research Progress Committee, (RPC)** for Ph.D. program. The RPC shall monitor the progress of Ph.D. work of the candidate.

6.7 RPC shall recommend the courses to be undertaken by a candidate as per norms.

7. Duration of Program

Minimum duration: **Three years**

Maximum duration: **Six years**

8. Payment of Fees and Deposit (This is subject to the revision from time to time)

	Head	Ph.D. Admission (One Time)	Ph.D. Full Time with teaching assistantship (Per Sem)	Ph.D. Full Time (Sponsored) (Per sem)
1.	Registration fees	4000	--	--
2.	Library Deposit (refundable)	2400	--	--
3.	Library Fees	--	1600	3200
4.	Tuition Fees	--	7500	15000
5.	Retention Fees	--	1600	1600
6.	Internet Charges	--	1000	2000
7.	Infrastructure Usage Fee	--	1000	2000
	Grant Total RS.	6400	12700	23800

At the time of joining, candidate has to pay one time fees and per semester fees together (i.e Rs. 19100/- for Ph.D. full time with teaching assistantship and Rs. 30200/- for Ph.D. Full Time (Sponsored)).

* Institute has student's medical aid fund policy and premium (of Rs. 3000/- for first three years) towards the same will be required to be paid in addition to above fees. This is applicable to full time scholars. For subsequent years, scholar will have to pay Rs. 1000/- per year till thesis submission.

Examination Fee : The examination fee of **Rs. 30,000/- for Ph.D. full time/ Sponsored** shall be paid by the candidate prior to the submission of the thesis.

9. Syllabus for written test (Department-wise)

The syllabus for written test to be conducted / Areas of Research for Admission to Ph.D. (Full Time).

SN	Name of Department	Syllabus for Written Test
1.	Mechanical Engineering	a) Engineering Thermodynamics b) Fluid Mechanics c) Heat Transfer d) Theory of Machines e) Machine design f) Production Technology g) Workshop Technology h) Measurements i) Computer Programming
2.	Electrical Engineering	a) Control Systems b) Electrical machines c) Power Systems d) Switchgear and Protection

		e) Power Electronics
3.	Civil Engineering	A. Environmental Engg a) Water Supply & Treatment b) Sewerage and Sewage Treatment c) Air pollution & Solid waste B. Water Resources Engg. a) Irrigation Engineering b) Hydrology & Water Resources Engg. c) Fluid Mechanics C. Transportation Engg. a) Traffic Engg. b) Pavement Design c) Highway Construction Materials D. Construction Management & Concrete Engg. a) Concrete Structure & Concrete Technology b) Construction Management c) Building Technology E. Geotechnical Engineering a) Soil Mechanics b) Foundation Engineering
4.	Electronics & Communication Engineering	a) Electronic Devices & Circuits, Analog Circuits b) Digital Circuits & Microprocessors c) Electromagnetic d) Electronic measurements f) Analog & Digital Communication g) Digital Signal Processing h) Computer Organization i) UHF & Microwave j) Linear Networks
5.	VLSI & Nanotechnology	a) Electronics Devices & Circuits, Analog Circuits b) Digital Circuits & Microprocessors c) Electromagnetic d) Electronic measurements f) Analog & Digital Communication g) Digital Signal Processing h) Computer Organization i) UHF & Microwave j) Linear Networks
6.	Computer Science Engineering	a) Programming & Data Structures b) System Programming/OS c) Compiler d) Theory of Computation e) Analysis of Algorithm f) Discrete Mathematics g) Computer Organization h) Database Management Systems i) Computer Networks
7.	Chemical Engineering	a) Mass Transfer,

		<ul style="list-style-type: none"> b) Heat Transfer, c) Chemical Reaction Engineering, d) Fluid Mechanics, e) Process Calculations, f) Process Control, g) Mechanical Operation, h) Chemical Engineering Thermodynamics i) Basic Mathematics j) Numerical Methods
8.	Metallurgical & Materials Engineering	<ul style="list-style-type: none"> a) Physical metallurgy b) Extractive Metallurgy c) Foundry Technology d) Mechanical processing e) Testing of Materials f) Polymeric and Ceramic Materials g) Composites h) Advance Materials
9.	Mining Engineering	<ul style="list-style-type: none"> a) Rock Mechanics and Rock Engineering b) Surface and Mine Environment Engineering c) Rock excavation engineering and blasting d) Drilling, Exploration and Mineralogy e) Mining Methods : Surface and underground f) Mining Machinery
10.	Applied Mechanics	<ul style="list-style-type: none"> a) Engineering Mechanics b) Strength of Materials c) Theory of Structures d) Design of Steel Structures e) Design of Concrete Structures
11.	Architecture & Planning	<ul style="list-style-type: none"> a) Architecture, Art & Design b) Building Sciences & Technology c) Issues in relation to built environment like sustainable development, behavioral aspects, cultural issues etc. d) Historical aspects of built environment e) Issues related to urban areas like Housing, Urban Design, Conservation, Planning, Infrastructure, Transportation etc. f) Types of Research and g) Research Process
12.	Physics	Syllabus as that for NET in Physics
13.	Chemistry	Syllabus as that for NET in Chemistry
14.	Mathematics	<ul style="list-style-type: none"> a) Linear Algebra, b) Real Analysis, c) Complex Analysis, d) Ordinary Differential Equations, e) Partial Differential Equations, f) Integral Transforms, g) Numerical Analysis, h) Probability & Statistics

15.	Humanities	a) English – Syllabus as that for NET in English b) Sociology- Syllabus as that for NET in Sociology c) Economics – Syllabus as that for NET in Economics
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10. Areas of Research (Department-wise)

S N	Department	Area of Research
1)	Mechanical Engineering	1) Design Engineering (Design and development of Industrial product, Vibration based damage detection, FEM/FEA) 2) Thermal Engineering (CFD, Convective heat transfer, Compressible flow) 3) Production and Industrial Engineering
2)	Civil Engineering	1) Water Distribution Systems 2) Environmental Management 3) Water and Waste Water Treatment 4) Solid and Hazardous Waste 5) Traffic Engg. 6) Pavement Design 7) Highway Construction Materials 8) Durability of concrete 9) High Performance Concrete 10) Self-Compacting Concrete 11) Bond Strength of Concrete with Reinforcement 12) Building Construction & Technology 13) Water Resources Engineering 14) Green Building 15) Construction Management 16) Remote Sensing & GIS Applications 17) Geotechnical Engineering
3)	Applied Mechanics	1) 1) Earthquake Engineering 2) Nonlinear Analysis of structures 3) Structural Engineering
4)	Electronics & Communication Engineering	1) Embedded Systems 2) Communication Engineering 3) Signal Processing 4) Electronics Design & Manufacturing 5) Image Processing 6) Antennas 7) Microvave Engineering
5)	VLSI & Nanotechnology	1) Embedded Systems 2) VLSI/ Nanoelectronics /MEMS 3) Communication 4) Signal Processing
6)	Computer Science	1) Parallel & Distributed Computing 2) Data Mining & Warehousing 3) Pattern Recognition 4) Security

		<ul style="list-style-type: none"> 5) Artificial Intelligence 6) Soft Computing 7) Mobile Computing 8) Knowledge Management 9) IT and IT enables services 10) Real Time systems 11) Image and Video processing 12) Data Science 13) Machine learning 14) Internet of Things 15) Cloud Computing 16) Information retrieval 17) Natural language processing 18) Spatial information extraction 19) Data analytics and Data Science 20) Wireless sensor networks 21) Biological systems modeling
7)	Chemical Engineering	Biochemical Engineering, Bio energy, Environmental engineering, waste Water Treatment, Membrane bio reactor, Physical separation, Bio pesticide and fertilizer, Process modeling and simulation, Green Engineering and Technology, Process Intensification, Advanced Separation, Adsorption, Nanotechnology.
8)	Metallurgical and Materials Engineering	<ul style="list-style-type: none"> 1) Wear of Composite and Metallic Materials 2) Welding Metallurgy 3) Development of Polymer Blends And Composite Materials 4) Fatigue, Creep and Fracture Behavior of Materials 5) Corrosion Science & Engineering 6) Alloy Development 7) Nano – Bio Materials/ SMART Materials 8) Polymers Polymeric/Ceramics & Composite Materials 9) Processing of Materials 10) Waste Materials Utilization
9)	Mining	<ul style="list-style-type: none"> 1) Blasting and Rock Fragmentation 2) Dust and Other Environmental Pollution in Mines 3) Slope Stability and Geo-Mechanics 4) Applicability of System Engineering and Safety Engineering 5) Reliability and Productivity Analysis of HEMM 6) Numerical Modeling for Rock Mechanics Applications 7) Mine Design
10)	Electrical Engineering	<ul style="list-style-type: none"> 1) Power Electronics 2) Switchgear & Protection 3) Renewable Energy Resources 4) Power System 5) Electric Drives 6) Electrical Machines 7) Control System
11)	Architecture &	<ul style="list-style-type: none"> 1) Urban Planning

	Planning	<ol style="list-style-type: none"> 2) Environmental Planning 3) Disaster Risk Management 4) Urban Design 5) Urban Infrastructure 6) Architecture and Urban Conservation 7) Housing 8) Energy Efficient Architecture 9) Vernacular Architecture 10) Sustainable Architecture 11) Building Acoustics 12) Building Illumination 13) Built Environment And Human Behavior 14) Pedagogy in Architecture 15) Urban Heat Island Studies 16) Urban Sustainability 17) Urban Form and Climate Studies 18) Universal Design 19) Urban Transportation 20) Real Estate and Development 21) Remote Sensing and GIS Applications 22) Building Materials 23) Complex Systems approach for Urban Studies 24) Soundscape 25) Project Management
12)	Chemistry	<ol style="list-style-type: none"> 1) Polymer Composite / Nano Composites 2) Conducting Polymers / Nonmaterial, Photocatalysis 3) Microwave / Ultrasound / Assisted Organic Synthesis 4) Thermocatalytic depolymerization of Biomass -Industrial Waste-Lignin for its valorization through deoxygenative, hydrogenative processes / various important organic conversions using metal oxide loaded heterogeneous catalysts like HZSM-5 etc for the exploring cheaper fuel additives, polymer precursors and various important organic conversions with high selectivity. 5) Chromatographic Analysis (GC/HPLC) Biopolymer based Smart polymer for selective separation/Environmental Remediation 6) Supramolecular polymers for industrial applications 7) Electrochemical sensors, Biosensors, polymer and nanomaterial synthesis for electrochemical and Bio-sensing 8) Photochemistry and Photobiology 9) Biochemistry and Biophysical Chemistry 10) Thermodynamics Chemistry/Green Chemistry/Heterogeneous Catalysis 11) Elastometric composites 12) Porous Materials, Hybrid System for Environmental Application 13) Crystal Engineering & Supramolecular Chemistry, Organic Soft Materials and Liquid Crystals

		14) Advanced Materials/SMART Materials 15) Biomaterials 16) Ceramics Materials/ Composite Materials 17) Advanced Processing 18) Simulation and Modeling 19) Organic Synthesis ,Heterocyclic Chemistry 20) Biocatalysis
13)	Physics	1) Solid Electrolytes 2) Functional Ceramics 3) Nanomaterials / Biomaterials 4) Polymers Polymeric/Ceramics & Composite Materials 5) Solar Cells 6) Sensors 7) Supercapacitors 8) Quantum dots 9) Magnetic Nanoparticles 10) Solid Oxide Fuel Cells 11) Thin films 12) Heterojunctions 13) Advanced Materials/SMART Materials 14) Physics of Materials 15) Advanced Processing 16) Simulation and Modeling, computational condensed matter 17) Theoretical and mathematical Physics 18) Quantum Mechanics and Quantum Information Theory 19) Photocatalysis 20) Photoluminescence 21) Ferroelectric & Dielectric materials
14)	Mathematics	1) Relativity & Cosmology 2) Numerical Analysis 3) Singular Perturbation Problems 4) Fluid Mechanics 5) Operator Theory 6) Functional Analysis 7) Spectral Element Methods for Partial Differential Equations 8) Fixed Point Theory : Nonlinear Analysis 9) Singular Boundary Value Problems 10) Algebra 11) Approximation Theory 12) Commutative Algebra 13) Query Theory: Stochastic Modeling 14) Operation Research, Optimization under uncertainty
15)	Humanities	1) Sociology 2) English Language & Literature 3) Open-Economy Macroeconomics 4) Trade and Development 5) Public Finance and Policy

For other details, please see the 'Guidelines, Rules and Regulations Governing Ph.D. (Full Time) programs January 2019' on VNIT website.

ANNEXURE – I

Cat. 4: Ph.D. (full time) sponsored category candidates (place of research work VNIT only) should note that :

1. No teaching assistantship will be paid to sponsored candidates.
2. Since it is a Full Time program, the candidate is required to be available for full time in the respective department for the entire duration of the program (i.e. minimum THREE YEARS from the date of registration).

CERTIFICATE FROM THE HEAD OF THE ORGANISATION
(On the letter-head of Industry / Organization / Institute)

Shri / Ms. _____ who is serving in this Industry/Organization/Institute from _____ as (designation) _____ is hereby sponsored for Ph.D. (Full time) program in _____ Department of VNIT Nagpur. In case of his/her selection he/she will be relieved for the complete duration of the Ph.D. program (Minimum 3 years from the date of registration).

Date : _____

Signature : _____

Name : _____

Designation : _____

Office Seal : _____

ANNEXURE – II

Cat. 5: Ph.D. (full time) sponsored candidate category from 100% centrally funded research laboratories including public sector and private industries. Candidates should note that:

1. No teaching assistantship will be paid to candidates admitted under this category.

CERTIFICATE FROM THE HEAD OF THE ORGANISATION

(On the letter-head of Industry / Organization / Institute)

Shri / Ms. _____ who is serving in this Industry/Organization/Institute from _____ as (designation) _____ is hereby sponsored for Ph.D. (Full time) program in _____ Department of VNIT Nagpur. In case of his/her selection he/she will be relieved for the completion of course work and minimum stay at VNIT, Nagpur for 6-12 months as per the condition given in Guidelines, Rules and Regulations governing PhD Full time programs.

Date : _____

Signature : _____

Name : _____

Designation : _____

Office Seal : _____