

# Indian Institute of Information Technology Allahabad

(An Institute of National Importance established by the Act of Parliament)

## Advertisement for Admission in NEP Based Ph.D. Programs at IIIT Allahabad: July 2024 Session

Interested & eligible applicants from all over the country are invited to apply for admission in the following programs being offered by IIITA, Prayagraj -

1. [PhD \(with Institute/External Fellowship\)](#) - [APPLY for Admission](#)
2. [PhD \(Working Professional\)](#) - [APPLY for Admission](#)

### How to apply

➤ **Plz check the eligibility criteria before applying by referring to Annexure-1 and Annexure-2.**

1. **Click on the “APPLY” for the respective programme at Sl. No. 1 & 2 mentioned above.**
2. **Fill all your details-** Applicants are advised to completely fill all details in the online application portal along with paying the requisite fee by the due date & time. Without both the things being completed, application submission will be summarily rejected.
3. **Upload the required documents** (Please see [Annexure - 3](#))
4. **Application Fee** (non-refundable): Rs.500/- for General / EWS / OBC category & Rs.250/- for SC / ST / PWD category  
*The candidates can deposit the requisite application fee by using net banking or debit/credit card facilities. Additional charges will be applicable as per the rule of the concerned bank. The Fee will not be accepted through any other mode*
5. Applicant applying for more than one Department / Discipline has to apply separately for each Department / Discipline

### Admission Process

1. The admission process, comprising Stage I & Stage II, shall be as follows:
  - a) Stage I shall be a screening test, to be held at IIITA Campus only and ONLY COMPUTER BASED (Not pen and paper based) and comprising two sections. Maximum marks of Stage I Test shall be 100 and of two hours. Further each section shall be of 50 marks each, where Section I shall be of general common nature for all Departments / Disciplines and for all applicants, while Section II shall be Department Specific. For Department-wise Syllabus, Eligibility Criteria and additional Eligibility Criteria, please go through Pages 6 to 11.
  - b) Stage I computer-based Examination shall ONLY ACT AS A Screening Exam. Each Department shall declare their own list of screened-in candidates for Personal Interview which will be held on the same day of computer-based exam.
  - c) Stage II shall comprise a Personal Interview, with a Department specific panel of experts to be held on the same day as Stage-I.
  - d) For Working Professionals, they are exempted from the Stage-I. Eligible candidates shall be called directly at Stage II for personal interview.
2. The selection of the candidate will be subject to the recommendation of Evaluation Committee & approval of Competent Authority.
3. Institute reserves the right to not fill all the seats, in case suitable candidates are not found available.

**Fees :** [CLICK HERE](#) to get the information about tentative Fee Structure (actual will be shown at admission time)

### Tentative Schedule

Tentative Schedule of Admission: For Session July 2024		
Particulars	PhD (with Institute/External Fellowship)	PhD Working Professional (WP)
Start Date for application	10th April, 2024	10th April, 2024
Last Date to Apply	15th May, 2024	15th May, 2024
Announcement of Shortlisted Candidates for Written Examination	16th May, 2024	-
Date of Written Exam (IIITA-PET)	29th May 2024	
Date of Personal Interview	29th-30th May 2024	30th May 2024
Result Declaration	By 5th June 2024	
Start of New Session	22/07/2024	

**Queries: For any queries** - kindly contact [rds@iiita.ac.in](mailto:rds@iiita.ac.in) / 0532-292-2087/2239

# **Indian Institute of Information Technology Allahabad**

## **PhD Admissions July 2024 Batch Eligibility & Syllabus**

### **Eligibility Criterion**

1. Minimum Eligibility Criteria for Regular PhD. Admission (With Institute Fellowship and with External Fellowship):
  - a. A Candidate with B.Tech. / B.Pharm. / MTech/ M. Pharm./ MSc. / MCA /MBA / M.Com. Degree/other equivalent professionals Backgrounds with a Qualified Score of GATE / GPAT / CAT/ NET (Lectureship/Assistant Prof.) /NET-JRF / CSIR NET/ICMR-JRF, as applicable, are eligible to apply to the PhD Program of respective domains. GRE/GMAT will also be considered in case the candidate has done his/her preceding degree outside India. Requirement of GATE is exempted only for M. Tech qualified candidates; Candidates who are in the Final Year / Semester of their respective qualifying Degree Programs are eligible to apply, subject to fulfilling other eligibility criteria.
  - b. The candidate MUST have secured at least 60% (For PG) cumulatively or 6 CGPI (For PG) on a scale of 10 or equivalent CGPI at the time of application submission itself. For the candidates belonging to socially and economically underprivileged classes, Relaxation shall be applicable as per GOI norms.

### **OR**

In case of Direct admission after 4 year UG - The candidate MUST have secured at least 70% (For 4 years UG-) cumulatively or 7 CGPI (For UG) in a scale of 10 or equivalent CGPI at the time of application submission itself. For the candidates belonging to socially and economically underprivileged classes, relaxation shall be applicable as per GOI norms.

- c. Candidates admitted provisionally with INSPIRE Fellowship (or any such fellowship to be awarded after a year), are required to produce the award letter of fellowship before the end of 3rd Semester of their stay in the institute or during this period, the candidate needs to qualify the national exam as mentioned in point “a.” above, failing to produce above may result in termination of PhD program. The fellowship will be given after the award letter of fellowship. In a very exceptional case of the candidate, who fails to receive the award of INSPIRE fellowship, in a stipulated time period and also does not succeed in qualifying the above mentioned national examinations, an internal committee of experts, constituted by the Chairman-Senate, for the purpose, shall assess the merit of the case, and recommend on the continuance of the candidature with Institute’s fellowship or without fellowship (thus converting the candidature into a ‘self-financed’ one) or terminate the candidature. The decision of the Chairman-Senate shall be final on such recommendation.
- d. A candidate without any Financial Support from the Institute /any other funding agency, is NOT allowable to pursue PhD from IITA. (Not applicable for working professionals and applicable in 1c.).
- e. For further details, candidates are advised to read the NEP based PhD Ordinance, for which click on the link [NEP PhD ORDINANCE](#).

# **“IITA-PET”**

## **Syllabus**

**Stage I - Section I (MM 50 marks; Duration: 1 hour)**

<b>S.No.</b>	<b>Topics</b>	
1	Data Analysis	Data preparation - Univariate analysis (frequency tables, bar charts, pie charts, percentages), Bivariate analysis –Cross tabulations and Chi square test including testing hypothesis of association, Analysis of Variance (ANOVA)
2	Statistics	Measures of central tendency – Mean, Median and Mode, Measures of dispersion - Mean deviation, Standard deviation, Moments, Skewness and Kurtosis, Correlation and Regression
3	Verbal Aptitude and Reading Comprehension	vocabulary, tenses, articles, idioms, comprehension, reading, conjunctions, and adjectives. Words and phrases, prepositions, narrative sequencing, verb-noun agreement, critical reasoning, and sentence completion.
4	Reasoning (Mathematical & Logical)	LCM and HCF, Percentages, Profit and Loss, Simple & Compound Interest, Speed, Time and Distance; Time and Work; Averages; Ratio and Proportion and others. Complex Numbers. Logarithm; Progressions. Number System.
5	Data Interpretation	Line Charts and Bar Charts, Pie Charts, Tables, Tables with missing values, incorrect values, and connected data sets. Unconventional charts like radar chart, area chart, bubble chart. Venn diagrams.
6	Probability	Sample space, Classical definition of probability and Axiomatic approach of probability, Addition theorem on probability, Conditional probability, Multiplication theorem on probability and Bayes theorem, Binomial, Poisson and Normal distributions

# “IITA-PET”

## Syllabus

Stage I - Section II (MM 50 marks; Duration: 1 hour)

### Department of IT

Gate Level Syllabus of

1. Data Structure and algorithms
2. Discrete Mathematics
3. Programming Concepts

### Department of ECE

**Engineering Mathematics:** Linear Algebra, Calculus, Differential Equations, Vector Analysis, Probability and Statistics, Complex Analysis

**Networks, Signals and Systems:** Circuit analysis, Sinusoidal steady state analysis, Time and frequency domain analysis of linear circuits,

**Continuous-time signals:** Fourier series and Fourier transform, sampling theorem and applications. Discrete-time signals: DTFT, DFT, z-transform, LTI systems.

**Electronic Devices:** Basic of Semiconductor Physics, Quantum Theory, P-N junction, Zener diode, BJT, MOS capacitor, MOSFET, LED, photo diode and solar cell.

**Analog Circuits:** Diode circuits, BJT and MOSFET amplifiers, Current mirrors and differential amplifiers. Op-amp circuits.

**Digital Circuits:** Number representations, Combinatorial circuits, Sequential circuits, propagation delay, Data converters, Semiconductor memories, Computer organization.

**Control Systems and Instrumentation:** Basic control system components; Feedback principle; Transfer function; Block diagram representation; Signal flow graph; Transient and steady-state analysis of LTI systems; Frequency response; Routh-Hurwitz and Nyquist stability criteria; Bode and root-locus plots, Bridges, Transducers, Transformers, digital voltmeter, digital multimeter, oscilloscope, Hall effect sensors.

**Communications:** Random Variable and Stochastic processes, Analog and Digital communications, Information theory and Coding, Optical Communication Electromagnetics and Wave Theory, Maxwell's equations, boundary conditions, wave equation, Poynting vector, Plane waves and properties, Transmission lines, Impedance matching, waveguides, antennas.

**Electrical Machines-** Phasor diagram, Single and Three-phase transformers, Electromechanical energy conversion principles; DC machines and Motors, Three-phase induction machines.

**Power Systems-** Basic concepts of electrical power generation, Models and performance of transmission lines and cables, Distribution systems.

### Department of Applied Science

#### **Bioinformatics Discipline**

Molecular biology; Bioinformatics; Immunology; Microbiology; Genetics, Biophysics; Biochemistry, Organic Chemistry, Physical Chemistry, Inorganic Chemistry; Biotechnology

#### **Bio Medical Engineering Discipline:**

Linear algebra, Vector algebra, Differential equations, Probability and statistics, Numerical methods, Newton's laws of motions, Simple harmonic motion, Biophysics, Basic electricity and magnetism, Digital electronics, OP-AMP, Electronics and instrumentation, Sensors and Transducers, Nanotechnology, Anatomy and Physiology, Mechanics, General properties of matter, Biomaterials and Biocompatibility, Signal processing and analysis, Fluid dynamics.

#### **Physics Discipline:**

Mathematical Methods of Physics: Vector algebra and vector calculus. Linear algebra, matrices, Cayley-Hamilton Theorem. Eigenvalues and eigenvectors. Linear ordinary differential equations of

first, second order. Fourier series, Fourier and Laplace transforms. Elements of complex analysis, analytic functions; Taylor; Laurent series; poles, residues and evaluation of integrals.

Classical Mechanics: Newton's laws. Lagrangian and Hamiltonian Dynamics. Phase Space. Central Force Motion, Rigid body dynamics- moment of inertia. Non-inertial frames and pseudo forces. Variational principle. Conservation laws and cyclic coordinates. Special theory of relativity- Lorentz transformations, relativistic kinematics and mass–energy equivalence.

Electromagnetic Theory: Electrostatics: Gauss's law and its applications, Laplace and Poisson equations, boundary value problems. Magnetostatics: Biot-Savart law, Ampere's theorem. Electromagnetic induction. Maxwell's equations in free space and linear isotropic media; boundary conditions on the fields at interfaces. Scalar and vector potentials, gauge invariance. Electromagnetic waves in free space. Dielectrics and conductors. Reflection and refraction, polarization, Fresnel's law, interference, coherence, and diffraction. Dynamics of charged particles in static and uniform electromagnetic fields.

Quantum Mechanics: Planck's Hypothesis, de Broglie hypothesis. Schrödinger equation (time-dependent and time-independent). Solving Schrodinger's equation for time independent potentials (particle in a box, potential barrier, harmonic oscillator, etc.). Wave-function in coordinate and momentum representations. Hydrogen atom. Commutators and Heisenberg uncertainty principle. Dirac's Bra-Ket notation. Orbital angular momentum, angular momentum algebra, spin, addition of angular momenta. Stern-Gerlach experiment, two-level systems. Time independent perturbation theory and applications. Variational method. Time dependent perturbation theory and Fermi golden rule.

Thermodynamic and Statistical Physics: Laws of thermodynamics and their consequences. Thermodynamic potentials, Maxwell relations, chemical potential, phase equilibria. Phase space, micro- and macro-states. Micro-canonical, canonical and grand-canonical ensembles and partition functions. Free energy and its connection with thermodynamic quantities. Classical and quantum statistics. Ideal Bose and Fermi gases. Principle of detailed balance.

Solid State Physics: Periodic structure and symmetry of crystals, Miller indices, Braggs law, reciprocal lattice. Lattice dynamics, phonons, thermal properties, free electron gas. Bloch's theorem and band structure, nearly free electron approximation, Fermi surface, Semiconductors, Electrons, Holes, Impurities.

### **Mathematics and Statistics Discipline:**

**Analysis:** Countable and uncountable sets, Real number system, Sequences and series, convergence, Continuity, uniform continuity, differentiability, mean value theorem. Riemann sums and Riemann integral, Improper Integrals. Lebesgue measure, Lebesgue integral. Functions of several variables, directional derivative, partial derivative, derivative as a linear transformation, inverse and implicit function theorems. Metric spaces, compactness, connectedness. Normed linear Spaces.

**Linear Algebra:** Vector spaces, subspaces, linear dependence, basis, dimension, algebra of linear transformations. Rank and determinant of matrices, Eigenvalues and eigenvectors, Cayley-Hamilton theorem. Matrix representation of linear transformations. Change of basis, diagonalizability and Jordan forms. Inner product spaces, orthonormal basis.

**Complex Analysis:** Algebra of complex numbers, the complex plane, polynomials, power series. Analytic functions, Cauchy-Riemann equations. Contour integral, Cauchy's theorem, Cauchy's integral formula, Liouville's theorem, Maximum modulus principle, Schwartz lemma, Open mapping theorem. Taylor series, Laurent series, calculus of residues.

**Algebra:** Groups, subgroups, normal subgroups, quotient groups, homomorphisms, cyclic groups, permutation groups, Cayley's theorem, class equations, Sylow theorems. Rings, ideals, prime and maximal ideals, quotient rings, unique factorization domain, principal ideal domain, Euclidean domain. Polynomial rings and irreducibility criteria. Fields and field extensions.

**Topology:** basis, dense sets, subspace and product topology, separation axioms, connectedness and compactness.

**Probability and Statistics:** Sample space, discrete probability, independent events, Bayes theorem. Random variables and distribution functions (univariate and multivariate), expectation and moments. Independent random variables, marginal and conditional distributions. Characteristic functions. Probability inequalities (Chebyshev, Markov, Jensen). Modes of convergence, weak and strong laws of large numbers, Central Limit theorems (i.i.d. case). Standard discrete and continuous univariate distributions, sampling distributions, standard errors and asymptotic distributions, distribution of order statistics and range.

Methods of estimation, properties of estimators, confidence intervals. Tests of hypotheses: most powerful and uniformly most powerful tests, likelihood ratio tests. Analysis of discrete data and chi-square test of goodness of fit. Large sample tests. Simple and multiple linear regression. Elementary regression diagnostics.

Hazard function and failure rates, censoring and life testing, series and parallel systems.

### **Department of Management Studies**

1. UGC NET Management Syllabus for Paper 2

**[CLICK HERE TO APPLY FOR ADMISSION](#)**

**Information Regarding Admission in PhD Program for Working Professionals**

**Eligibility Criterion**

1. Working professionals of Industries/Corporate, R&D organizations, Laboratories, Government/Private Institutions, NGOs, Banking Institutions, and other Organization / Institutions (not limited to above) with B.Tech. / B.Pharm. / MTech / M.Pharm. / MSc. / MCA / MBA / M.Com will be eligible to apply for respective research studies in IITA.
2. Qualification of GATE/ GRE/ UGC/CSIR NET/ CAT/ GMAT or similar Exams is not mandatory for admission in PhD (WP)program.
3. For pursuing PhD at IITA, the employees of Central/State Governments, Autonomous bodies like ISRO, DRDO etc, PSUs, Industries/Corporate,R&D organizations, Laboratories, Government/Private Institutions, NGOs, Banking Institutions, Academic Institutions, and other similarly placed organizations shall be required to submit an appropriate NOC.
4. A working professional candidate must be working in some organization and should have at least 3 years (2 years for INI pass out candidates UG/PG) of total experience at the time of application.
5. The said work place / professional centre should formally sponsor/ support the working professionals for research studies on a full / part time basis by issuing an NOC.

**[CLICK HERE TO APPLY FOR ADMISSION](#)**

**LIST OF DOCUMENTS TO BE UPLOADED BY THE APPLICANTS**

**Note:** Candidates are required to upload the colored scanned copy of the following original Documents:

1. Transcript/ Mark sheet of U.G for Final Semester.
2. Transcript/ Mark sheet of P.G for Final Semester.
3. **Additional Documents Required if applying With Institute/ External Fellowship**

**For Candidates with B.Tech. / M.Tech. / B.Pharm. / M.Sc. / MCA/ M.Pharm/MBA / M.Com. Degree Backgrounds**

GATE Score OR GRE Score OR UGC/ CSIR NET/Valid Fellowship / NET-JRF AWARD LETTER or JRF or CAT/ GMAT Score (wherever applicable)

**Additional Documents Required for SC/ST/-**

4. Certificate of category / Caste Certificate as per Government of India format, issued by the competent authority.

**Additional Documents Required for OBC-NCL -**

5. \*Undertaking by the candidate on OBC-NCL status in the prescribed format. (\*Annexure-4)
6. OBC-NCL Certificate as per “\*Annexure - 5” must be issued on or after April 01, 2024.

**Additional Documents Required for EWS -**

7. EWS Category Certificate as per “\*Annexure - 6” must be issued on or after April 01, 2024.

**Additional Documents Required for PwD -**

8. \*Original Certificate for Persons with Disabilities (PwD), if applicable, issued by the competent authority. (\*Annexure-7)

**Additional Documents Required for Students applying for admission with External Project Fund -**

9. Appointment Letter Along with Project Sanction Letter

**Additional Documents Required if applying as PhD Working Professionals -**

10. \*NOC/ Support letter issued to candidate by his/ her current organization for Joining this Program at IIIT-A.
11. Work Experience Certificate issued from current organization.
12. \*Declaration Form/ NoC (\*Annexure-8/9) as applicable to be filled and signed by Candidate and Candidate’s organization.
13. Supervisor Acceptance Letter (Annexure - 10)

**Please note that -**

14. In the attached Annexure(s) please leave the portion blank where you are supposed to mention your enrollment number.
15. ST certificates from Tamil Nadu state must be issued by the concerned Revenue Divisional Officer.
16. Caste certificate (SC/ST/OBC-NCL) issued by Maharashtra State must be validated by the Social Welfare department (in case of SC and OBC-NCL category) and Tribal Welfare department (in case of ST category) of Maharashtra Government.



**[OBC UNDERTAKING]****(Declaration / undertaking - for OBC Candidates only)**

I, \_\_\_\_\_ son/daughter of Shri \_\_\_\_\_  
\_\_\_\_\_ resident of village/town/city \_\_\_\_\_ district  
\_\_\_\_\_ State hereby declare that I belong to the \_\_\_\_\_  
community which is recognized as a backward class by the Government of India for the  
purpose of reservation in services as per orders contained in Department of Personnel and  
Training Office Memorandum No.36012/22/93- Estt. (SCT), dated 8/9/1993. It is also  
declared that I do not belong to persons/sections(Creamy Layer) mentioned in Column 3 of  
the Schedule to the above referred Office Memorandum, dated 8/9/1993, which is modified  
vide Department of Personnel and Training Office Memorandum No.36033/3/2004 Estt.(Res.)  
dated 9/3/2004. I also declare that the condition of status/annual income for creamy layer of  
my parents/guardian is within prescribed limits as of the financial year ending on March  
31,2024.

**Place:****Signature of the Candidate\*****Date:*****\*Declaration/undertaking not signed by Candidate will be rejected***

**FORMAT FOR OBC [NCL] CERTIFICATE  
(TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR ADMISSION IN IIITA)**

**[This certificate MUST have been issued on or after 1<sup>st</sup> April 2024 ]**

This is to certify that Shri/Smt./Kum. \_\_\_\_\_ Son/Daughter of

Shri/Smt. \_\_\_\_\_ of Village/Town \_\_\_\_\_

District/Division \_\_\_\_\_ in the \_\_\_\_\_ (State/UT) belongs to the

\_\_\_\_\_ Community which is recognized as a backward class under:

1. Resolution No. 12011/68/93-BCC(C), dated 10/09/93 published in the Gazette of India Extraordinary Part I Section I No. 186, dated 13/09/93.
2. Resolution No. 12011/9/94-BCC, dated 19/10/94 published in the Gazette of India Extraordinary Part I Section I No. 163, dated 20/10/94.
3. Resolution No. 12011/7/95-BCC, dated 24/05/95 published in the Gazette of India Extraordinary Part I Section I No. 88, dated 25/05/95.
4. Resolution No. 12011/96/94-BCC, dated 9/03/96.
5. Resolution No. 12011/44/96-BCC, dated 6/12/96 published in the Gazette of India Extraordinary Part I Section I No. 210, dated 11/12/96.
6. Resolution No. 12011/13/97-BCC, dated 03/12/97.
7. Resolution No. 12011/99/94-BCC, dated 11/12/97.
8. Resolution No. 12011/68/98-BCC, dated 27/10/99.
9. Resolution No. 12011/88/98-BCC, dated 6/12/99 published in the Gazette of India Extraordinary Part I Section I No. 270, dated 06/12/99.
10. Resolution No. 12011/36/99-BCC, dated 04/04/2000 published in the Gazette of India Extraordinary Part I Section I No. 71, dated 04/04/2000.
11. Resolution No. 12011/44/99-BCC, dated 21/09/2000 published in the Gazette of India Extraordinary Part I Section I No. 210, dated 21/09/2000.
12. Resolution No. 12016/9/2000-BCC, dated 06/09/2001.
13. Resolution No. 12011/1/2001-BCC, dated 19/06/2003.
14. Resolution No. 12011/4/2002-BCC, dated 13/01/2004.
15. Resolution No. 12011/9/2004-BCC, dated 16/01/2006 published in the Gazette of India Extraordinary Part I Section I No. 210, dated 16/01/2006.
16. Resolution No. 12015/2/2007-BCC, dated 18/08/2010.
17. Resolution No. 12015/2/2007-BCC, dated 11/10/2010.
18. Resolution No. 12015/13/2010-BC-II, dated 08/12/2011.
19. Resolution No. 12015/05/2011-BC-II, dated 17/02/2014.
20. Resolution No. 12011/6/2014-BC-II, dated 07/12/2016.
21. Resolution No. 12011/13/2016-BC-II, dated 22/12/2016
22. Resolution No. 20012/1/2017-BC-II, dated 19/01/2017
23. Resolution No. 12011/7/2017-BC-II, dated 31/07/2017

Shri/Smt./Kum. \_\_\_\_\_ and/or his/HER family ordinarily reside(s) in the \_\_\_\_\_ District/Division of \_\_\_\_\_ State/UT. This is also to certify that he/she does not belong to the persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M. No. 36 012/22/93-Estt.(SCT), dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt.(Res.), dated 09/03/2004, further modified vide OM No. 36033/3/2004-Estt. (Res) dated 14/10/2008, again further modified vide OM No. 36036/2/2013-Estt (Res) dated 30/05/2014.

**Date:** \_\_\_\_\_

**Place:** \_\_\_\_\_

**Signature** \_\_\_\_\_  
(with seal of office)

**Designation** \_\_\_\_\_

**NOTE:**

- A. The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.
- B. The authorities competent to issue Caste Certificates are indicated below:
  - I. District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / First Class Stipendiary Magistrate / Sub-Divisional magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of 1ST Class Stipendiary Magistrate) .
  - II. Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
  - III. Revenue Officer not below the rank of Tehsildar.
  - IV. Sub-Divisional Officer of the area where the candidate and / or his family resides.
- C. OBC Certificate issued from Maharashtra State must be validated by the Social Welfare Department of Maharashtra Government.

**INCOME & ASSETS CERTIFICATE**  
**TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS**

Government of \_\_\_\_\_

(Name & Address of the authority issuing the certificate)

**[This certificate MUST have been issued on or after 1st April 2024]**

Certificate No. \_\_\_\_\_

Date \_\_\_\_\_

**VALID FOR THE YEAR \_\_\_\_\_**

1. This is to certify that Shri/Smt./Kumari \_\_\_\_\_, son/daughter/wife of \_\_\_\_\_ permanent resident of \_\_\_\_\_ (Village/Street) \_\_\_\_\_ (Post Office) \_\_\_\_\_ District in the \_\_\_\_\_ (State/Union Territory) \_\_\_\_\_ (Pin Code) whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income\* of his/her family\*\* is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year \_\_\_\_\_. His/her family does not own or possess any of the following assets\*\*\*
  - I. 5 acres of agricultural land and above;
  - II. Residential flat of 1000 sq. ft. and above;
  - III. Residential plot of 100 sq. yards and above in notified municipalities;
  - IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.
2. Shri/Smt./Kumari \_\_\_\_\_ belongs to the caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List).

Signature \_\_\_\_\_  
(With Seal of the Office)

Name \_\_\_\_\_

Designation \_\_\_\_\_

**Latest  
Passport Size  
Photograph**

The income and assets of the families as mentioned would be required to be certified by an officer not below the rank of Tehsildar in the States/UTs.

**Note:**

\*Income covered all sources i.e. salary, agriculture, business, profession, etc.

\*\*The term 'Family' for this purpose includes the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.

\*\*\*The property held by a "Family" in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

**FORMAT FOR DYSLEXIA CERTIFICATE - I**  
**MEDICAL CERTIFICATE TO BE PRODUCED BY DYSLEXIC CANDIDATES**

**{Psycho-Education Evaluation Report - To be obtained from any Dyslexia Association\*}**

No. \_\_\_\_\_

Date: \_\_\_\_\_

Name of the candidate: \_\_\_\_\_

Date of Birth: \_\_\_\_/\_\_\_\_/\_\_\_\_

Name of the father/mother/Guardian \_\_\_\_\_

Registration in the Dyslexia Assn. (date / number): No. \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Name/ Address and Regn. No. of the Dyslexia Association: \_\_\_\_\_

Passport  
Size  
Photo of  
Candidate

Physical & Neurologic Assessment: [     ]

Psychological Assessment: [     ]WISC

Verbal IQ:

Performance IQ:

Full Scale IQ:

Interpretation: [     ]

Educational Assessment: [     ]

Certified that:

The condition of handicap is: MILD / MODERATE / SEVERE (tick whichever is applicable)\*\*

The disability is PERMANENT in nature.

\*Some Dyslexia Associations:

1. Dyslexia Trust of Kolkata, Divya Jalan, Aruna Bhaskar 3, Dover Park, Kolkata – 700019
2. Dyslexia Association Of Andhra Pradesh (DAAP), 3-4-494/1,1st Floor, Macherla Gastrology Hospital, Reddy College Road, Barkatpura, Hyderabad, Telangana,500027
3. Madras Dyslexia Association, 94 Park View, 1<sup>st</sup> Floor, G.N. Chetty Road, T. Nagar, Chennai – 600017
4. Maharashtra Dyslexia Association, 003, Amit Park Bldg, L J Road, Deonar, Mumbai 400088
5. The Dyslexia Association of India, MZ-47, The Centre Stage Mall, Plot No 01, Block L, Sector 18, NOIDA 201303

\*\*Learning Disability is a permanent developmental disorder. Currently there are no standard approved methods to quantify the disorder. However, the method of diagnosis is based on significant impairment in academic achievement. To avail the benefit of relaxed norm under PwD category, the candidate must come under SEVERE category.

Official Seal:

[Signature]

Name of the certifying Official: \_\_\_\_\_

**FORMAT FOR DYSLEXIA CERTIFICATE - II  
TESTIMONIAL TO BE PRODUCED BY DYSLEXIC CANDIDATES**

**{Testimonial - To be obtained from the Principal of the school/college last attended\*}**

No. \_\_\_\_\_

Date: \_\_\_\_\_

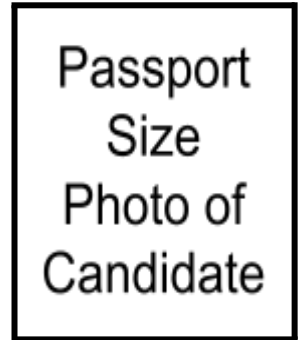
Name of the candidate: \_\_\_\_\_

Date of Birth: \_\_\_\_/\_\_\_\_/\_\_\_\_

Name of the father/mother/Guardian \_\_\_\_\_

Registration in the Dyslexia Assn. (date / number): \_\_\_\_\_

Name & Address of School/ College: \_\_\_\_\_  
\_\_\_\_\_



Certified that:

Shri/Shrimati/Kumari \_\_\_\_\_ son/daughter of \_\_\_\_\_

\_\_\_\_\_ of \_\_\_\_\_ Village / Town passed his/her Class X from

this school and as per records, he/she has availed concession under dyslexic category.

**Official Seal:  
[Signature]**

**Name of the certifying Official: \_\_\_\_\_**

**\*A candidate passing Class X or equivalent through open school system or in private mode may submit the certificate to this effect from the competent authority in the board certifying the concessions availed under dyslexia.**

DISABILITY CERTIFICATE FORMAT - II

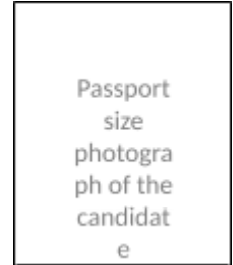
{In cases of amputation or complete permanent paralysis of limbs and in cases of blindness}

(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)

No. - \_\_\_\_\_

Date - \_\_\_\_/\_\_\_\_/\_\_\_\_

Signature/LTI/RTI of the Candidate



This is to certify that I have carefully examined Shri/Smt./Kum. \_\_\_\_\_

son/wife/daughter of Shri \_\_\_\_\_ Date of Birth \_\_\_\_/\_\_\_\_/\_\_\_\_

[Age - \_\_\_\_\_ years], male/female, Registration No. \_\_\_\_\_ permanent resident of

House No. - \_\_\_\_\_, Ward/Village/Street \_\_\_\_\_, Post Office \_\_\_\_\_

\_\_\_\_\_ District- \_\_\_\_\_ State \_\_\_\_\_ whose

photograph is affixed above, and am satisfied that

1. he/she is a case of (Please tick as applicable):

- a. locomotor disability
- b. blindness

2. The diagnosis in his/hercase is \_\_\_\_\_

3. He / She has \_\_\_\_\_% (in figure) \_\_\_\_\_percent (in words)

permanent physical impairment/blindness in relation to his/her \_\_\_\_\_ (part of body)

as per guidelines (to be specified).

4. The applicant has submitted the following document as proof of residence:-

Nature of Document	Date of Issue	Details of authority issuing the certificate

Official Seal:

[Authorized Signatory of notified Medical Authority] Name:

**DISABILITY CERTIFICATE FORMAT - III**

**{In cases of multiple disabilities}**

**(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)**

No. - \_\_\_\_\_

Date - \_\_\_\_/\_\_\_\_/\_\_\_\_

Signature/LTI/RTI of the Candidate

Passport  
size  
photogra  
ph of the  
candidat  
e

This is to certify that I have carefully examined Shri/Smt./Kum. \_\_\_\_\_

son/wife/daughter of Shri \_\_\_\_\_ Date of Birth, \_\_\_\_/\_\_\_\_/\_\_\_\_

[Age - \_\_\_\_\_ years], male/female, Registration No. \_\_\_\_\_ permanent resident of

House No. - \_\_\_\_\_, Ward/Village/Street \_\_\_\_\_, Post Office \_\_\_\_\_

\_\_\_\_\_ District- \_\_\_\_\_ State \_\_\_\_\_ whose

photograph is affixed above, and am satisfied that

1. He/she is a Case of **Multiple Disability**. His/her extent of permanent physical impairment/ disability has been evaluated as per guidelines (to be specified) for the disabilities ticked below, and shown against the relevant disability in the table below:

S. No.	Disability	Affected Part of Body	Diagnosis	Permanent physical impairment/mental disability (in %)
1	Locomotor disability	@		
2	Low vision	#		
3	Blindness	Both Eyes		
4	Hearing impairment	£		
5	Mental retardation	X		
6	Mental-illness	X		

Cntd.



2. In the light of the above, his/her overall permanent physical impairment as per guidelines (to be specified), is as follows:

In figures: \_\_\_\_\_%

In words: \_\_\_\_\_percent

3. The above condition is progressive/ non-progressive/ likely to improve/ not likely to improve.

4. Reassessment of disability is:

I. Not Necessary **[or]**

II. Is recommended/after \_\_\_\_\_years \_\_\_\_\_months, and therefore this certificate shall be valid till (DD/MM/YY)\_\_\_\_\_.

**@ - e.g. Left/Right/both**

**arms/legs # - e.g. single**

**eye/both eyes**

**£- e.g. Left/Right/both ears**

5. The applicant has submitted the following document as proof of residence:

Nature of Document	Date of Issue	Details of authority issuing the certificate

6. Signature and seal of the Medical Authority:

<b>Name and Seal of Member</b>	<b>Name of Seal of Member</b>	<b>Name and Seal of the Chairperson</b>

**DISABILITY CERTIFICATE FORMAT - IV**

**{In cases of any other case not covered in Format - II & III}**

**(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)**

No. - \_\_\_\_\_

Date - \_\_\_\_/\_\_\_\_/\_\_\_\_

Signature/LTI/RTI of the Candidate

Passport  
size  
photogra  
ph of the  
candidat  
e

This is to certify that I have carefully examined Shri/Smt./Kum. \_\_\_\_\_  
 \_\_\_\_\_ son/wife/daughter of Shri \_\_\_\_\_ Date of Birth  
 \_\_\_\_/\_\_\_\_/\_\_\_\_ [Age - \_\_\_\_ years], male/female, Registration No. \_\_\_\_\_ permanent  
 resident of House No. - \_\_\_\_\_, Ward/Village/Street \_\_\_\_\_ Post  
 Office \_\_\_\_\_ District- \_\_\_\_\_ State \_\_\_\_\_ whose  
 photograph is affixed above, and am satisfied that

1. He/she is a Case of **Multiple Disability**. His/her extent of permanent physical impairment/ disability has been evaluated as per guidelines (to be specified) for the disabilities ticked below, and shown against the relevant disability in the table below:

S. No.	Disability	Affected Part of Body	Diagnosis	Permanent physical impairment/mental disability (in %)
1	Locomotor disability	@		
2	Low vision	#		
3	Blindness	Both Eyes		
4	Hearing impairment	£		
5	Mental retardation	X		
6	Mental-illness	X		

Cntd.

2. In the light of the above, his/her overall permanent physical impairment as per guidelines (to be specified), is as follows:

In figures: \_\_\_\_\_%

In words: \_\_\_\_\_percent

3. The above condition is progressive/ non-progressive/ likely to improve/ not likely to improve.

4. Reassessment of disability is:

I. Not Necessary [**or**]

II. Is recommended/after \_\_\_\_\_years\_\_\_\_\_months, and therefore this certificate shall be valid till (DD/MM/YY)\_\_\_\_\_.

@ - e.g. Left/Right/both arms/legs

# - e.g. single eye/both eyes

£- e.g. Left/Right/both ears

5. The applicant has submitted the following document as proof of residence:

Nature of Document	Date of Issue	Details of authority issuing the certificate

**Official Seal:**

[Authorized Signatory of notified Medical Authority\*]

Name: \_\_\_\_\_

\* In case this certificate is issued by a medical authority who is not a government servant, it shall be valid only if countersigned by the Chief Medical Officer of the District. Note: The principal rules were published in the Gazette of India vide notification number S.O. 908(E), dated the 31st December, 1996.

**Countersigned**

**Official Seal:**

[CMO/Medical Superintendent/Head of Govt. Hospital]

Name: \_\_\_\_\_

^ Countersignature and seal of the CMO/Medical Superintendent/Head of Government Hospital is essential in case the certificate is issued by a medical authority who is not a government servant

**DECLARATION FORM TO APPLY FOR ADMISSION IN PHD-WP PROGRAM AT IITTA  
(Applicable for Candidates from Private Sectors/ Organizations)**

I, \_\_\_\_\_, S/o / D/o / W/o \_\_\_\_\_,  
residing at \_\_\_\_\_, is presently working for \_\_\_\_\_  
\_\_\_\_\_ (Organization Name) as \_\_\_\_\_ for \_\_\_\_\_ years. I have applied  
for admission in Ph. D. program (Working Professional Mode) at Indian Institute of Information Technology,  
Allahabad and my application number is \_\_\_\_\_. I hereby declare that –

- A. My admission in Ph.D. program as a working professional is sponsored/supported by \_\_\_\_\_.
- B. I have chosen my research studies in \_\_\_\_\_ (subject).
- C. I agree to complete the course requirement in remote mode, remaining in contact with the research supervisor(s) online / offline. I will carry out the studies as stipulated, submit the assignments, participate in discussion-sessions, present seminars, appear for quizzes, review tests etc. offline or online or in person.
- D. I'll follow the guidelines as mentioned in the Phd Ordinance. .

**Date - \_\_\_\_\_**

**Signature- \_\_\_\_\_**

**NO OBJECTION CERTIFICATE TO APPLY FOR ADMISSION IN PHD-WP PROGRAM AT IITA  
(Must for Candidates applying to PHD-WP Program)**

(Following format is to be printed on the **letter head of the Organization** where the candidate is currently working)

This is to certify that Mr./Ms/Mrs. \_\_\_\_\_ is employed with our organization as \_\_\_\_\_ since \_\_\_\_\_ till date \_\_\_\_\_. He / She has an experience of \_\_\_\_\_ years and \_\_\_\_\_ months in our organization. We sponsor/ support him/her to join PhD under Working Professional Scheme in the department of \_\_\_\_\_ at Indian Institute of Information Technology Allahabad, in session \_\_\_\_\_ on Full-time / Part-time basis.

Date:

Signature of Head of Organization \_\_\_\_\_

Name of Head of Organization: \_\_\_\_\_

Contact Number: \_\_\_\_\_

Email: \_\_\_\_\_

(Official Seal)

**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD**  
**RESEARCH & DEVELOPMENT SECTION**

**SUPERVISOR'S ACCEPTANCE LETTER**  
(For Working Professionals only)

I, the undersigned \_\_\_\_\_ (Name and Surname), \_\_\_\_\_  
(Designation) in the Department of \_\_\_\_\_ hereby declare  
that I support the application of Mr./Ms./Mrs.  
\_\_\_\_\_ (Name of Applicant) working as  
\_\_\_\_\_ (Working Position) at \_\_\_\_\_  
\_\_\_\_\_ (Current Employer's Name) to the Ph.D. for Working  
Professionals program vide application no. \_\_\_\_\_, and agree to act as a  
supervisor for her/his research work.

Date \_\_\_\_\_

Signature of Supervisor \_\_\_\_\_

Name of Supervisor \_\_\_\_\_