

QUALIFICATIONS FOR ENGINEERING & TECHNOLOGY:

PROFESSOR:

i. Essential:

1. A Ph.D. degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Engg., & Tech., and experience of ten years in teaching, research and/or industry, out of which at least five years at the level of Assistant Professor Reader or equivalent grade.

OR

ii. In the event the candidate is from industry and the profession, the following shall constitute as essential:

1. First Class Master's Degree in the appropriate branch of Engg., & Tech.;
2. Significant professional work which can be recognized* as equivalent to a Ph.D. Degree in appropriate branch of Engg., & Tech., and industrial/professional experience of ten years, out of which at least five years at a senior level of Assistant Professor/Reader.

Provided that the recognition for significant professional shall be valid only if the same is recommended unanimously by a 3-Member Committee of Experts appointed by the Vice-Chancellor of the University.

iii. Without prejudice to the above, the following conditions may be considered desirable:

1. Teaching, research industrial and /or professional experience in reputed organization;
2. Published work, such as research papers, patents filed/obtained, books, and/or technical reports;
3. Experience of guiding the project work/dissertation of PG/Research Students of supervising R&D projects in industry.
4. Demonstrated leadership in planning and organizing academic, research, industrial and/or professional activities; and
5. Capacity to undertake/lead sponsored R&D, consultancy and related activities.

Sr.No.	Discipline	Areas of Specialisation	No. of Posts
1.	Civil Engg.	1. Structure Engg.	01
		2. Environment Engg.	01
		3. Construction T & M	01
2.	Electrical Engg.	Any specialization of Electrical Engg.	01
3.	Electronics & Communication Engg.	1. VLSI Design/Micro-electronics	01
		2. Embedded Systems/ Microcontroller Based Systems	01
4.	Textile Engg.	Textile Engineering/Textile Technology	01
5.	Computer Science & Engg.	1. Database Management Systems / Data Mining Cloud Computing / Big Data	01
		2. Computer Networking / Network Security / Network Systems	01
		3. Artificial Intelligence / Soft Computing / Natural Language Processing	01
		4. Parallel Processing / Image Processing / Digital Computing / Computer Architecture / Computer System Design	01
6.	Mechanical Engg.	1. Thermal Engineering	01
		2. Machine Design	01
		3. Production Engineering or Industrial Engineering.	01

ASSOCIATE PROFESSOR:

i. Essential:

A Ph.D. Degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Engg. & Tech., and experience of eight years in teaching, research and/or industry at the level of Lecturer or equivalent grade, excluding period spent on obtaining the research degree.

OR

ii. In the event the candidate is from industry and the profession, the following shall constitute as essential:

1. First Class Master's Degree in the appropriate branch of Engg., & Tech.;
2. Significant professional work which can be recognized as equivalent to a Ph.D. Degree in appropriate branch of Engg., & Tech., and industrial/professional experience of eight years in a position equivalent to the level of Lecturer,

Provided that the recognition for significant professional shall be valid only if the same is recommended unanimously by a 3-Member Committee of Experts appointed by the Vice-Chancellor of the University.

iii. Without prejudice to the above, the following conditions may be considered desirable:

1. Teaching, research industrial and/or professional experience in a reputed organization;
2. Published work, such as research papers, patents filed/obtained, books, and/or technical reports.
3. Experience of guiding the project work/dissertation of PG/Research Students or supervising R&D projects in industry.

Sr.No.	Discipline	Areas of Specialisation	No. of Posts
1.	Civil Engg.	1. Structure Engg. 2. Geo-technical Engg. 3. Transportation Engg. 4. Environment Engg. 5. Geomatics. 6. Irrigation Engg.	01 01 01 01 01 01
2.	Electrical Engg.	1. Electrical Machines. 2. Power Systems. 3. Electric Drives. 4. Control Systems.	01 01 01 01
3.	Electronics & Communication Engg.	1. Wireless Communication/Optical Communication/ Cognitive Radio. 2. Microwave/Digital Electronic Systems.	01 01
4.	Textile Engg.	1. Fabric Manufacturing. 2. Textile Structure. 3. Technical Textiles.	01 01 01
5.	Computer Science & Engg.	1. Data Structures / Algorithms / Software Systems / Software Engineering 2. Computer Networking / Network Security/ Network Systems 3. Database Management Systems / Data Mining / Cloud Computing / Big Data 4. Parallel Processing / Image Processing / Digital Computing / Computer Architecture / Computer System Design 5. Artificial Intelligence / Soft Computing/ Natural Language Processing 6. Compiler Design / System Software/ System Programming / Operating System	01 01 01 01 01 01

6.	Mechanical Engg.	1. Mechatronics or Robotics.	01
		2. Thermal Engineering.	01
		3. Production Engineering or Industrial Engineering.	01
		4. Machine Design.	01
		5. Fluid Mechanics and Heat Transfer.	01
		6. CAD/CAM or CIM.	01
		7. Material Science or Metallurgical Engineering (with Graduation in Mechanical Engineering).	01

ASSISTANT PROFESSOR:

i. Essential:

A Ph.D. Degree with First Class Master's Degree in the appropriate branch of Engineering (Engg.) & Technology (Tech.).

ii. Without prejudice to the above, the following conditions may be considered desirable:

1. Teaching, research industrial and/or professional experience in a reputed organization;
2. Papers presented at Conferences and/or in refereed journals.

Sr.No.	Discipline	Areas of Specialisation	No. of Posts
1.	Civil Engg.	1. Structure Engg.	02
		2. Geo-technical Engg.	01
		3. Transportation Engg.	01
		4. Construction T & M.	03
		5. Surveying.	01
		6. Irrigation Engg.	01
2.	Electrical Engg.	1. Power Systems.	02
		2. Electrical Machines.	02
		3. Electric Drives.	01
		4. High Voltage Engg.	01
		5. Control Systems.	01
		6. Electrical Measurements.	01
		7. Power Electronics.	01
		8. Non-Conventional Energy Systems.	01
		9. Electrical Machines Design.	01
3.	Electronics & Communication Engg.	1. VLSI Design.	01
		2. Embedded Systems/Microcontroller Based Systems.	01

		3. Wireless Communication/Mobile Communication. 4. Optical Communication. 5. Microwave/Satellite Communication/ RF Communication. 6. Digital Electronic Systems. 7. Nano-Electronics Technology/Micro-electronics/ Electronics Devices. 8. Soft Computing/Cognitive Radio. 9. Digital Computing/Digital Processing. 10. Digital Communication.	01 01 01 01 01 01 01
4.	Textile Engg.	1. Textile Chemical Processing. 2. Fabric Manufacturing. 3. Garment Manufacturing. 4. Fibre Science.	01 01 01 01
5.	Computer Science & Engg.	1. Data Structures / Algorithms / Software Systems/ Software Engineering 2. Computer Networking / Network Security / Network Systems 3. Database Management Systems/ Data Mining / Cloud Computing / Big Data 4. Parallel Processing / Image Processing/ Digital Computing / Computer Architecture / System Design 5. Artificial Intelligence / Soft Computing/ Natural Language Processing 6. Compiler Design / System Software / System Programming/ Operating System	03 02 02 02 02 03
6.	Mechanical Engg.	1. Production Engineering or Industrial Engineering or Mechanical Engineering. 2. CAD/CAM. 3. Mechatronics or Robotics. 4. Thermal Engineering. 5. Machine Design. 6. Fluid Mechanics and Heat Transfer.	03 02 01 02 01 01

QUALIFICATIONS FOR ASSOCIATE PROFESSOR TRAINING & PLACEMENT OFFICER:

i. Essential:

A Ph.D. Degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Engg. & Tech., and experience of eight years in teaching, research and/or industry at the level of Lecturer or equivalent grade, excluding period spent on obtaining the research degree.

OR

ii. In the event the candidate is from industry and the profession, the following shall constitute as essential:

1. First Class Master's Degree in the appropriate branch of Engg., & Tech.;
2. Significant professional work which can be recognized as equivalent to a Ph.D. Degree in appropriate branch of Engg., & Tech., and industrial/professional experience of eight years in a position equivalent to the level of Lecturer, Provided that the recognition for significant professional shall be valid only if the same is recommended unanimously by a 3-Member Committee of Experts appointed by the Vice-Chancellor of the University.

iii. Without prejudice to the above, the following conditions may be considered desirable:

1. Teaching, research industrial and/or professional experience in a reputed organization;
2. Published work, such as research papers, patents filed/obtained, books, and/or technical reports.
3. Experience of guiding the project work/dissertation of PG/Research Students or supervising R&D projects in industry.

QUALIFICATIONS FOR WORKSHOP SUPDT. (ASSOCIATE PROFESSOR WORKSHOP PRACTICES:

Essential Qualification	Qualifications as that is for the post of Assistant Professor in Mechanical Engg., as applicable and Ph.D. or equivalent in appropriate discipline. Post Ph.D. publications and guiding Ph.D. student is highly desirable.
Experience	Minimum of 5 years experience in teaching and/or research and/or industry of which at least 2 years shall be post Ph.D. is desirable.

QUALIFICATIONS FOR ARCHITECTURE:

ASSISTANT PROFESSOR:

1. A Ph.D. Degree with Masters Degree in Architecture with First Class or equivalent.

Sr.No.	Areas of Specialisation	No. of Posts
1.	1. Architecture.	04
	2. Planning/Urban Design.	02
	3. Landscaping.	01
	4. Conservation/Interior Design.	01
	5. Construction Management.	01
	6. Fine Arts.	01

ASSOCIATE PROFESSOR:

1. Qualifications as above that is for the post of Assistant Professor, as applicable and Ph.D. or equivalent in appropriate discipline.

Post Ph.D publications and guiding Ph.D. student is highly desirable.

In case of Architecture, Professional Practice of 5 years as certified by the Council of Architecture shall also be considered valid.

Minimum of 5 years experience in teaching and/research and/industry of which at least 2 years shall be post Ph.D. is desirable.

Sr.No.	Areas of Specialisation	No. of Posts
1.	1. Planning (urban design).	01
	2. Architecture.	02

PROFESSOR:

Qualifications as above that is for the post of Associate Professor, as applicable.

Post Ph.D. publications and guiding Ph.D. students is highly desirable.

Minimum of 10 years teaching and/research and/industrial experience of which at least 5 years should be at the level of Associate Professor.

OR

Minimum of 13 years experience in teaching and/or Research and/or industry.

In case of research experience, good academic record and books/research paper publications/ PR/Patents record shall be required as deemed fit by the expert members in Selection Committee.

If the experience in industry is considered, the same shall be at managerial level equivalent to Associate Professor with active participation record in devising/ designing, planning, executing, analyzing, quality control, innovating, training, technical books/research paper publications/ PR/patents, etc. as deemed fit by the expert members in Selection Committee.

In case of Architecture, Professional Practice of 10 years as certified by the Council of Architecture that also by considered valid.

Sr.No.	Areas of Specialisation	No. of Posts
1.	1. Architecture.	01

QUALIFICATIONS FOR MANAGEMENT:

PROFESSOR: (No. of Posts-02)

- i. Consistently good academic record with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) in Master's Degree in Business Management/Administration/in a relevant discipline or consistently good academic record with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) in two years full time PGDM declared equivalent by AIU/recognized by the AICTE/UGC;

OR

First Class graduate and professionally qualified Chartered Accountant/ Cost and works Accountant/Company Secretary of the concerned statutory body.

- ii. Ph. D. or Fellow of Indian Institute of Management or of an Institute recognized by AICTE and declared equivalent by the AIU.
- iii. A minimum of ten years' experience of teaching/industry/research/professional out of which five years must be at the level of Reader or equivalent excluding the period spent for obtaining the research degree.

OR

iv. In the event the candidate is from industry and the profession, the following shall constitute as essential:

1. Consistently good academic record with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) in Master's Degree in Business Management/Administration/ in a relevant management related discipline or consistently good academic record with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) in two years full time PGDM declared equivalent by AIU/recognized by the AICTE/UGC.

OR

First Class graduate and professionally qualified Chartered Accountant/Cost and works Accountant / Company Secretary of the concerned statutory body.

2. The candidate should have professional work experience which is significant and can be recognized at national/International level as equivalent to Ph.D. and twelve years' managerial experience in industry/ profession of which at least eight years should be at least at a level comparable to that of Reader/Assistant Professor.

v. Without prejudice to the above, the following conditions may be considered desirable:

- i) Teaching, Teaching, research, and / or professional experience in a reputed organization;
- ii) Published work, such as research papers, patents filed/ obtained, books and /or technical reports;
- iii) Experience of guiding the project work/dissertation of PG/Research Students or supervising R&D projects in industry;
- iv) Demonstrated leadership in planning and organizing academic, research, industrial and/or professional activities; and
- v) Capacity to undertake/lead sponsored R&D consultancy and related activities.

ASSOCIATE PROFESSOR:

- i. Consistently good academic record with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) in Master's Degree in Business Management/Administration/in a relevant management related discipline or first class in two years full time PGDM declared equivalent by AIU/recognized by the AICTE/UGC;

OR

First Class graduate and professionally qualified Chartered Accountant/ Cost and works Accountant/Company Secretary of the concerned statutory body.

- ii. Ph. D. or Fellow of Indian Institute of Management or of an Institute recognized by AICTE and declared equivalent by the AIU.
- iii. A minimum of eight years' experience of teaching/industry/research/professional at managerial level excluding the period spent for obtaining the research degree.

OR

- iv. In the event the candidate is from industry and the profession, the following requirements shall constitute as essential requirements:

1. Consistently good academic record with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) in Master's Degree in Business Management/Administration/ in a relevant management related discipline or first class in two years full time PGDM declared equivalent by AIU/recognized by the AICTE/UGC.

OR

First Class graduate and professionally qualified Chartered Accountant/Cost and works Accountant / Company Secretary of the concerned statutory body.

2. A minimum of ten years experience of teaching industry/research/profession, out of which five years must be at the level of Assistant Professor or equivalent excluding the period spent for obtaining research degree. The candidate should have Professional work experience, which is significant and can be recognized at national/international level as equivalent to Ph.D. and ten years managerial experience in industry/ profession of which at least five years should be at the level comparable to that of lecturer/ assistant professor.

- v. Without prejudice to the above, the following conditions may be considered desirable:
- a) Teaching, research industrial and / or professional experience in a reputed organization;
 - b) Published work, such as research papers, patents filed/ obtained, books and /or technical reports; and
 - c) Experience of guiding the project work/dissertation of PG/Research Students or supervising R&D projects in industry.

Sr.No.	Areas of Specialisation	No. of Posts
1.	1. Finance.	01
		01

ASSISTANT PROFESSOR:

i Essential:

1. A Ph.D. Degree with First Class Masters Degree in Business Management/ Administration/in a relevant management related discipline or first class in two year full time PGDM declared equivalent by AIU/accredited by the AICTE/UGC;

OR

2. A Ph.D. Degree with First Class graduate and professionally qualified Chartered Accountant/ Cost and Works Accountant/ Company Secretary of the concerned statutory bodies.

ii. Desirable:

1. Teaching, research, industrial and/professional experience in a reputed organization;
2. Papers presented at Conferences and/published in refereed journals.

Sr.No.	Areas of Specialisation	No. of Posts
1.	1. Marketing.	01
	2. Finance.	01

DIRECTOR PHYSICAL EDUCATION(D.P.E.)

- i. A Ph.D. Degree with Master's Degree in Physical Education or Master's Degree in Sports Science with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) with a consistently good academic record.
- ii. Record of having represented the university/college at the inter-university/ inter-collegiate competitions or the State and/or national championships.
- iii. Qualifying in the national level test conducted for the purpose by the UGC or any other agency approved by the UGC.
- iv. Passed the physical fitness test conducted in accordance with these Regulations.
- v. However, candidates, who are, or have been awarded Ph.D. degree in accordance with the "University Grants Commission (Minimum Standards and Procedure for Award of Ph.D. Degree), Regulations 2009, shall be exempted from the requirement of the minimum eligibility condition of NET/SLET/SET for recruitment and appointment of University Assistant Director of Physical Education/College Director of Physical Education & Sports.

APPLIED SCIENCE (PHYSICS, CHEMISTRY, MATHEMATICS AND COMMUNICATION SKILLS).

PROFESSOR:

- A.(i) An eminent scholar with Ph.D. qualification(s) in the concerned/allied/relevant discipline and published work of high quality, actively engaged in research with evidence of published work with a minimum of 10 publications as books and/or research/policy papers.
- (ii) A minimum of ten years of teaching experience in university/college, and/or experience in research at the University/National level institutions/industries, including experience of guiding candidates for research at doctoral level.
- (iii) Contribution to educational innovation, design of new curricula and courses, and technology-mediated teaching learning process.

- (iv) A minimum score as stipulated in the Academic Performance Indicator (API) based Performance Based Appraisal System (PBAS), set out in this Regulation in Appendix III.

OR

- B. An outstanding professional, with established reputation in the relevant field, who has made significant contributions to the knowledge in the concerned/allied/relevant discipline, to be substantiated by credentials.

Sr.No.	Discipline	Areas of Specialisation	No. of Posts
1.	Physics	1. Any branch of Physics.	01
		2. Solid State Physics/Material Science & Engg.	01
2.	Chemistry	Organic Chemistry.	01
3.	Mathematics	Algebra, Analysis, Number Theory, Geometry, Topology	01

ASSOCIATE PROFESSOR:

- i. Good academic record with a Ph.D. Degree in the concerned/allied/relevant disciplines.
- ii. A Master's Degree with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed).
- iii. A minimum of eight years experience of teaching and/or research in an academic/research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/industry excluding the period of Ph.D. research with evidence of published work and a minimum of 5 publications as books and/or research/policy papers.
- iv. Contribution to educational innovation, design of new curricula and courses, and technology – mediated teaching learning process with evidence of having guided doctoral candidates and research students.
- v. A minimum score as stipulated in the Academic Performance Indicator (API) based Performance Based Appraisal System (PBAS), set out in this Regulation in Appendix III.

Sr.No.	Discipline	Areas of Specialisation	No. of Posts
1.	Physics	1. Radiation Physics/Condensed Matter Physics/Solid State Physics.	01
		2. Quantum Physics/Nuclear	01

		Physics/Theoretical Physics.	
2.	Chemistry	1. Physical Chemistry. 2. Inorganic Chemistry.	01 01
3.	Mathematics	1. Algebra, Calculus & Analysis, Number Theory, Geometry, Topology. 2. Computing, Numerical Analysis, Mathematical Statistics, Operations Research, Partial differential, Mechanics.	01 01

ASSISTANT PROFESSOR:

- i A Ph.D. Degree with Good academic record as defined by the concerned university with at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) at the Master's Degree level in a relevant subject from an Indian University, or an equivalent degree from an accredited foreign university.
- ii. Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET.
- iii. Notwithstanding anything contained in sub-clauses (i) and (ii) to this Clause, candidates, who are, or have been awarded a Ph.D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D. Degree) Regulations, 2009, shall be exempted from the requirement of the minimum eligibility condition of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions.
- iv. NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted.

Sr.No.	Discipline	Areas of Specialisation	No. of Posts
1.	Physics.	1. Radiation Physics. 2. Quantum Physics. 3. Condensed Matter Physics/Solid State Physics. 4. Nuclear Physics/Theoretical Physics.	01* 01 01 01

2.	Chemistry.	1. Supramolecular Chemistry/ Heterocyclic Chemistry. 2. Analytical Chemistry/ Spectroscopy. 3. Nano Chemistry/Polymer Chemistry. 4. Theoretical Chemistry/Quantum Chemistry/ Photochemistry. 5. Coordination Chemistry/ Organometallic Chemistry.	01 01 01 01 01
3.	Mathematics	1. Algebra, Analysis. 2. Number Theory, Geometry, Topology. 3. Computing, Numerical Analysis, Information Theory, Coding Theory, Mathematical Statistics. 4. Operations Research, Partial Differential Equations, Game Theory, Mechanics.	01 01 01 01
4.	Communication Skills.	1. Linguistic. 2. Literature.	01 01

COMPUTER APPLICATIONS:

ASSISTANT PROFESSOR:

1. A Ph.D. Degree with MCA with First Class or ME/ M.Tech in relevant branch with First Class or equivalent.

Sr.No.	Areas of Specialisation	No. of Posts
1.	1. Computer Science & Applications.	02
	2. Computer Graphics, Vision and Multimedia/Networking.	01
	3. Information Technology/Computer Science & Engineering/ Software Engineering.	02

ASSOCIATE PROFESSOR:

Qualifications as above that is for the post of Assistant Professor, as applicable and Ph.D. or equivalent in appropriate discipline.

Post Ph.D publications and guiding Ph.D. student is highly desirable.

Minimum of 5 years experience in teaching and/research and/industry of which at least 2 years shall be post Ph.D. is desirable.

Sr.No.	Areas of Specialisation	No. of Posts
1.	1. Computer Science & Applications.	01
	2. Software Engineering/Information Technology/ Computer Science & Engineering.	01

PROFESSOR:

Qualifications as above that is for the post of Associate Professor, as applicable.

Post Ph.D. publications and guiding Ph.D. student is highly desirable.

Minimum of 10 years teaching and/research and/industrial experience of which at least 5 years should be at the level of Associate Professor.

OR

Minimum of 13 years experience in teaching and/or Research and/or industry.

In case of research experience, good academic record and books/research paper publications/ PR/Patents record shall be required as deemed fit by the expert members in Selection Committee.

If the experience in industry is considered, the same shall be at managerial level equivalent to Associate Professor with active participation record in devising/ designing, planning, executing, analyzing, quality control, innovating, training, technical books/research paper publications/ PR/patents, etc. as deemed fit by the expert members in Selection Committee.

Sr.No.	Areas of Specialisation	No. of Posts
1.	Specialization in any field of CSE/IT/Computer Application.	01