

## QUALIFICATIONS FOR TEACHING POSITIONS

### 1 (a) PROFESSOR [BIOTECHNOLOGY]

#### i. **Essential:**

A Ph.D Degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Biotechnology or relevant discipline, and experience of ten years in teaching, research and / or industry, out of which at least five years at the level of Associate 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 Biotechnology or relevant discipline;
2. Significant professional work which can be recognized as equivalent to a Ph.D Degree in appropriate branch of Biotechnology or relevant discipline, and industrial/professional experience of ten years, out of which at least five years at a senior level of Associate 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. **Desirable:**

Without Prejudice to the above, the following conditions may be considered desirable:

1. Teaching, industrial research and /or professional experience in a reputed organization;
2. Published work, such as research papers, patents filed / obtained, books, technology transfers and / or technical reports;
3. Experience of guiding the project work / dissertation of Post Graduate or Research Students or 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.

### (b) ASSOCIATE PROFESSOR [BIOTECHNOLOGY]

#### i. **Essential:**

A Ph.D Degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Biotechnology or relevant discipline, and experience of eight years in teaching, research and / or industry at the level of Lecturer 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 Biotechnology or relevant discipline;
2. Significant professional work which can be recognized as equivalent to a Ph.D Degree in appropriate branch of Biotechnology or relevant discipline, 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. Desirable:**

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, technology transfers and / or technical reports; and
3. Experience of guiding the project work / dissertation of PG / Research Students or supervising R&D projects in industry.

**2 (a) PROFESSOR [BIOMEDICAL TECHNOLOGY]**

**i. Essential:**

A Ph.D Degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Biomedical Engg./Technology or relevant discipline, and experience of ten years in teaching, research and / or industry, out of which at least five years at the level of Associate 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 Biomedical Engg./Technology or relevant discipline;
2. Significant professional work which can be recognized as equivalent to a Ph.D Degree in appropriate branch of Biomedical Engg./Technology or relevant discipline, and industrial / professional experience of ten years, out of which at least five years at a senior level of Associate 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. Desirable:**

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

1. Teaching, industrial research and /or professional experience in a reputed organization;

*Am*

2. Published work, such as research papers, patents filed / obtained, books, technology transfers and / or technical reports;
3. Experience of guiding the project work / dissertation of Post Graduate or research Students or 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.

**(b) ASSOCIATE PROFESSOR [BIOMEDICAL TECHNOLOGY]**

**i. Essential:**

A Ph.D Degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Biomedical Engg./Technology or relevant discipline, and experience of eight years in teaching, research and / or industry at the level of Lecturer 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 Biomedical Engg./Technology or relevant discipline;
2. Significant professional work which can be recognized as equivalent to a Ph.D Degree in appropriate branch of Biomedical Engg./Technology or relevant discipline, 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. Desirable:**

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, technology transfers and / or technical reports; and
3. Experience of guiding the project work / dissertation of PG/ Research Students or supervising R&D projects in industry.

**3 (a) ASSOCIATE PROFESSOR [ENVIRONMENT SCIENCE/TECHNOLOGY]**

**i. Essential:**

A Ph.D Degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Environment Science/Engg., and experience of eight years in teaching, research and / or industry at the level of Lecturer 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 Environment Science/Engg.;
2. Significant professional work which can be recognized as equivalent to a Ph.D Degree in appropriate branch of Environment Science/Engg., 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. Desirable:**

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, technology transfers and / or technical reports; and
3. Experience of guiding the project work / dissertation of PG / Research Students or supervising R&D projects in industry.

**4 (a) PROFESSOR IN CHEMISTRY:**

**Eligibility (A or B) :**

**A.**

- i) An eminent scholar having a Ph.D. degree 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 research publications in the peer-reviewed or UGC-listed journals and a total research score of 120 as per the criteria given in Appendix II, Table 2.
- ii) A minimum of ten years of teaching experience in university/college as Assistant Professor/Associate Professor/Professor, and / or research experience at equivalent level at the University/National Level Institutions with evidence of having successfully guided doctoral candidate.

**OR**

**B.**

An outstanding professional, having a Ph.D. degree in the relevant/allied/applied disciplines, from any academic institutions (not included in A above) / industry, who has made significant contribution to the knowledge in the concerned/allied/relevant discipline, supported by documentary evidence provided he/she has ten years' experience.

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	Chemistry	Organic Chemistry

**(b) ASSOCIATE PROFESSOR IN CHEMISTRY:**

**Eligibility:**

- i) A 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 the grading system is followed).
- iii) A minimum of eight years of 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 with a minimum of seven publications in the peer-reviewed or UGC-listed journals and a total research score of Seventy five (75) as per the criteria given in Appendix II, Table 2.

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	Chemistry	1. Physical Chemistry 2. Inorganic Chemistry

**(c) ASSISTANT PROFESSOR IN CHEMISTRY:**

- i) A Ph.D. degree with Master's degree with 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) in a concerned/relevant/allied 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 or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be exempted from NET/SLET/SET :

*Provided*, the candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institution awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfilment of the following conditions:-

- a) The Ph.D. degree of the candidate has been awarded in a regular mode;
- b) The Ph.D. thesis has been evaluated by at least two external examiners;
- c) An open Ph.D. viva voce of the candidate has been conducted;
- d) The Candidate has published two research papers from his/her Ph.D. work, out of which at least one is in a refereed journal;
- e) The candidate has presented at least two papers based on his/her Ph.D work in conferences/seminars sponsored/funded/supported by the UGC / ICSSR/ CSIR or any similar agency.

*Chen*

Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET.

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	Chemistry	Nano Chemistry/ Polymer Chemistry

**5 (a) PROFESSOR IN MATHEMATICS:**

**Eligibility (A or B) :**

**A.**

- i) An eminent scholar having a Ph.D. degree 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 research publications in the peer-reviewed or UGC-listed journals and a total research score of 120 as per the criteria given in Appendix II, Table 2.
- ii) A minimum of ten years of teaching experience in university/college as Assistant Professor/Associate Professor/Professor, and / or research experience at equivalent level at the University/National Level Institutions with evidence of having successfully guided doctoral candidate.

**OR**

- B.** An outstanding professional, having a Ph.D. degree in the relevant/allied/applied disciplines, from any academic institutions (not included in A above) / industry, who has made significant contribution to the knowledge in the concerned/allied/relevant discipline, supported by documentary evidence provided he/she has ten years' experience.

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	Mathematics	Algebra, Analysis, Number Theory, Geometry, Topology

**(b) ASSOCIATE PROFESSOR IN MATHEMATICS:**

**Eligibility:**

- i) A 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 the grading system is followed).
- iii) A minimum of eight years of 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 with a minimum of seven publications in the peer-reviewed or UGC-listed journals and a total research score of Seventy five (75) as per the criteria given in Appendix II, Table 2.

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	Mathematics	1. Algebra, Calculus & Analysis, Number Theory, Geometry, Topology 2. Computing, Numerical Analysis, Mathematical Statistics, Operations Research, Partial differential Mechanics.

(c) **ASSISTANT PROFESSOR IN MATHEMATICS:**

- i) A Ph.D. degree with Master's degree with 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) in a concerned/relevant/allied 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 or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be exempted from NET/SLET/SET :

*Provided*, the candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institution awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfilment of the following conditions:-

- The Ph.D. degree of the candidate has been awarded in a regular mode;
- The Ph.D. thesis has been evaluated by at least two external examiners;
- An open Ph.D. viva voce of the candidate has been conducted;
- The Candidate has published two research papers from his/her Ph.D. work, out of which at least one is in a refereed journal;
- The candidate has presented at least two papers based on his/her Ph.D work in conferences/seminars sponsored/funded/supported by the UGC / ICSSR/ CSIR or any similar agency.

Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET.

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	Mathematics	Algebra, Analysis, Number Theory, Geometry, Topology, Operations Research, Partial Differential Equations, Game Theory, Mechanics

*Qm*

**6 (a) PROFESSOR IN UNIVERSITY BUSINESS SCHOOL:**

- 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 ten years' experience of teaching/industry/research/professional out of which 05 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 requirements 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 atleast 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 a level comparable to that of Reader/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.
- d) Demonstrated leadership in planning and organizing academic, research, industrial and/ or professional activities; and
- e) Capacity to undertake/ lead sponsored R&D consultancy and related activities.

(b) **ASSOCIATE PROFESSOR IN UNIVERSITY BUSINESS SCHOOL/ MANAGEMENT:**

- ii. 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.	Preferred Areas of Specialization
1.	1. Finance

(c) **ASSISTANT PROFESSOR IN UNIVERSITY BUSINESS SCHOOL/ MANAGEMENT:**

- 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.	Preferred areas of Specialization
1.	Management

*Qul*

**7 (a) ASSISTANT PROFESSOR IN COMMUNICATION SKILLS:**

- i) A Ph.D. degree with Master's degree with 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) in a concerned/relevant/allied 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 or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be exempted from NET/SLET/SET :

*Provided*, the candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institution awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfilment of the following conditions:-

- a) The Ph.D. degree of the candidate has been awarded in a regular mode;
- b) The Ph.D. thesis has been evaluated by at least two external examiners;
- c) An open Ph.D. viva voce of the candidate has been conducted;
- d) The Candidate has published two research papers from his/her Ph.D. work, out of which at least one is in a refereed journal;
- e) The candidate has presented at least two papers based on his/her Ph.D work in conferences/seminars sponsored/funded/supported by the UGC / ICSSR/ CSIR or any similar agency.

Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET.

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	Communication Skills.	Linguistic, Literature

**8 (a) ASSOCIATE PROFESSOR IN COMPUTATIONAL SCIENCES/ COMPUTER APPLICATIONS:**

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

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.	Preferred Areas of Specialisation
1.	1. Computer Science & Applications. 2. Software Engineering/Information Technology/Computer Science & Engineering.

**QUALIFICATIONS FOR ENGINEERING & TECHNOLOGY:**

**9 (a) PROFESSOR IN ENGG. & TECHNOLOGY:**

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	Preferred Areas of Specialisation
1.	<b>Civil Engg.</b>	1. Structural Engg. 2. Environment Engg. 3. Construction T & M
2.	<b>Electrical Engg.</b>	Any specialization of Electrical Engg.
3.	<b>Electronics &amp; Comm. Engg.</b>	1. VLSI Design/ Micro-electronics/ Microwaiver Communication 2. Embedded Systems/ Microcontroller Based Systems
4.	<b>Textile Engg.</b>	Textile Engineering/ Textile Technology
5.	<b>Computer Science &amp; Engg.</b>	1. Database Management Systems/ Data Mining Cloud Computing/ Big Data 2. Computer Networking/ Network Security/ Network Systems 3. Artificial Intelligence/ Soft Computing/ Natural Language Processing 4. Parallel Processing/ Image Processing/ Digital Computing/ Computer Architecture/ Computer System Design
6.	<b>Mechanical Engg.</b>	1. Thermal Engineering 2. Machine Design 3. Production Engineering or Industrial Engineering

(b) **ASSOCIATE PROFESSOR IN ENGG. & TECHNOLOGY:**

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 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:

*Abul*

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 or supervising R&D projects in industry.

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	<b>Civil Engg.</b>	1. Structural Engg. 2. Geo-technical Engg. 3. Transportation Engg. 4. Environment Engg. 5. Geomatics 6. Irrigation Engg.
2.	<b>Electrical Engg.</b>	1. Electrical Machines. 2. Power Systems. 3. Electric Drives. 4. Control Systems.
3.	<b>Electronics &amp; Comm. Engg.</b>	1. Wireless Communication/ Optical Communication/ Cognitive Radio. 2. Microwave/ Digital Electronic Systems.
4.	<b>Textile Engg.</b>	1. Fabric Manufacturing. 2. Textile Structure. 3. Technical Textiles.
5.	<b>Mechanical Engg.</b>	1. Mechatronics or Robotics 2. Thermal Engineering 3. Production Engineering or Industrial Engineering 4. Machine Design 5. Fluid Mechanics and Heat Transfer 6. CAD/ CAM or CIM. 7. Material Science or Metallurgical Engineering (with Graduation in Mechanical Engineering)

(c) **ASSISTANT PROFESSOR IN ENGG. & TECHNOLOGY:**

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.

*Shel*

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	<b>Civil Engg.</b>	Structure Engg., Geo-technical Engg., Transportation Engg., Construction T & M. Surveying Irrigation Engg.
2.	<b>Electrical Engg.</b>	Power Systems, Electrical Machines, Electric Drives, High Voltage Engg., Electrical Measurements, Power Electronics, Non-Conventional Energy Systems, Electrical Machines Design
3.	<b>Electronics &amp; Comm. Engg.</b>	VLSI Design, Embedded Systems/ Microcontroller Based Systems, Optical Communication, Digital Electronics Systems, Nano-Electronics Technology/ Micro-electronics/ Electronics Devices, Soft Computing/ Cognitive Radio, Digital Computing/ Digital Processing
4.	<b>Textile Engg.*</b>	Textile Chemical Processing, Fabric Manufacturing, Garment Manufacturing, Fibre Science.
5.	<b>Computer Science &amp; Engg.</b>	Data Structures/ Algorithms/ Software Systems/ Software Engineering, Computer Networking/ Network Security/ Network Systems, Database Management Systems/ Data Mining/ Cloud Computing/ Big Data, Parallel Processing/ Image Processing/ Digital Computing/ Computer Architecture/ System Design, Artificial Intelligence / Soft Computing/ Natural Language Processing, Compiler Design/ System Software/ System Programming/ Operating System

\* In case of Department of Textile Engineering, if no application is received with Ph.D. Degree, the candidates with UGC qualification may be considered for appointment as Assistant Professor with the condition that any further promotion or movement to higher pay Band shall be granted only after candidate obtains Ph.D. degree.

#### **10. ASSISTANT PROFESSOR IN COMMERCE:**

- i) A Ph.D. degree with Master's degree with 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) in a concerned/relevant/allied 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 or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be exempted from NET/SLET/SET :

*Provided*, the candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institution awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in

Universities/Colleges/Institutions subject to the fulfilment of the following conditions:-

- a) The Ph.D. degree of the candidate has been awarded in a regular mode;
- b) The Ph.D. thesis has been evaluated by at least two external examiners;
- c) An open Ph.D. viva voce of the candidate has been conducted;
- d) The Candidate has published two research papers from his/her Ph.D. work, out of which at least one is in a refereed journal;
- e) The candidate has presented at least two papers based on his/her Ph.D work in conferences/seminars sponsored/funded/supported by the UGC / ICSSR/ CSIR or any similar agency.

Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET.

