

**QUALIFICATION FOR THE POST OF PROFESSOR IN FOOD SCIENCE & TECHNOLOGY (for MRSPTU)**

**i. Essential:**

A Ph.D Degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Food Science & Technology, 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 Food Science & Technology;
2. Significant professional work which can be recognized as equivalent to a Ph.D Degree in appropriate branch of Food Science & Technology, 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, 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;
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.

**QUALIFICATION FOR THE POST OF ASSOCIATE PROFESSOR IN FOOD SCIENCE & TECHNOLOGY (for MRSPTU)**

**i. Essential:**

A Ph.D Degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Food Science & Technology, 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 Food Science & Technology;
2. Significant professional work which can be recognized as equivalent to a Ph.D Degree in appropriate branch of Food Science & Technology, 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;
3. Experience of guiding the project work / dissertation of PG / Research Students or supervising R&D projects in industry.

**QUALIFICATION FOR THE POST OF ASSOCIATE PROFESSOR IN PHARMACEUTICAL SCIENCES & TECHNOLOGY (for MRSPTU)**

Sr. No.	Discipline	Area of Specialisation	No. of Post & Category (if any)
1.	Pharmaceutical Sciences & Technology	1.Pharmacognosy 2.Pharmaceutical Chemistry 3.Quality Assurance	01SC 01Gen. 01SC

**i. Essential:**

1. A Basic degree in Pharmacy (B. Pharm)
2. Registration as a pharmacist under the Pharmacy Act 1948, as amended from time to time, including any succeeding enactments.
3. First class Master's Degree in respective branch of specialization in Pharmacy.
4. A Ph.D Degree with First Class at Bachelor's or Master's Degree in the respective branch of Pharmaceutical Sciences, and experience of eight years in teaching, research, industry and/ or profession 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 respective branch of Pharmaceutical Sciences;





2. Significant professional work which can be recognized as equivalent to a Ph.D Degree in respective branch of Pharmaceutical Sciences, 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 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.

**QUALIFICATIONS FOR THE POST OF ASSISTANT PROFESSOR IN PHARMACEUTICAL SCIENCES & TECHNOLOGY (for MRSPTU)**

Sr. No.	Discipline	Area of Specialisation	No. of Posts
1.	Pharmaceutical Sciences & Technology	1. Pharmaceutics 2. Pharm. Chemistry/ Pharm. Analysis 3. Pharmacognosy 4. Pharmacology	01 01 01 01

**i. Essential Qualification:**

1. A basis degree in Pharmacy (B.Pharm.)
2. Registration as a pharmacist under the Pharmacy Act, 1948, as amended from time to time, including any succeeding enactments.
3. First Class Master's Degree in the appropriate branch of specialization in Pharmacy.
4. Ph.D. in relevant specialization of Pharmacy.

**ii. Desirable:**

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

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**QUALIFICATIONS FOR THE POST OF ASSOCIATE PROFESSOR IN APPLIED PHYSICS (for MRSPTU)**

<b>Sr. No.</b>	<b>Discipline</b>	<b>Preferred Areas of Specialisation</b>
1.	Physics	1. Radiation Physics/ Condensed Matter Physics/ Solid State Physics. 2. Quantum Physics/ Nuclear Physics/ Theoretical Physics

- 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.

**QUALIFICATIONS FOR THE POST OF ASSISTANT PROFESSOR IN APPLIED MATHEMATICS (for PIT)**

- 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.

**QUALIFICATIONS FOR THE POST OF ASSISTANT PROFESSOR IN COMMERCE (for PIT)**

- 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.

**QUALIFICATION FOR THE POST OF PROFESSOR IN UNIVERSITY BUSINESS SCHOOL/ MANAGMENT (for MRSPTU & PIT Nandgarh):**

- 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.

**QUALIFICATION FOR THE POST OF ASSISTANT PROFESSOR IN UNIVERSITY BUSINESS SCHOOL (for MRSPTU):**

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	University Business School	1. 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.

**QUALIFICATION FOR THE POST OF ASSISTANT PROFESSOR IN MANAGEMENT (for PITs):**

**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.

**QUALIFICATION FOR THE POST OF PROFESSOR IN COMPUTATIONAL SCIENCES (for MRSPTU) and COMPUTER APPLICATION (for PIT Nandgarh):**

1. A Ph.D. Degree with First Class MCA/ME/ M.Tech in relevant branch or equivalent
2. Post Ph.D. publications and guiding Ph.D. student is highly desirable.

Minimum of 10 years teaching and/research and/industrial experience of which atleast 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.



**QUALIFICATION FOR THE POST OF ASSISTANT PROFESSOR IN COMPUTATIONAL SCIENCES (for MRSPTU):**

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	Computational Sciences	Computer Graphics, Vision and Multimedia/ Networking

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

**QUALIFICATION FOR THE POST OF ASSISTANT PROFESSOR IN COMPUTER APPLICATIONS (for PITs)**

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

**QUALIFICATION FOR THE POST OF ASSOCIATE PROFESSOR IN COMPUTER SCIENCE & ENGG. (for GZSCCET, MRSPTU, Bathinda)**

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	Computer Science & Engg.	<ol style="list-style-type: none"><li>1. Data Structures/ Algorithms/ Software Systems/ Software Engineering</li><li>2. Computer Networking/ Network Security/ Network Systems</li><li>3. Database Management Systems/ Data Mining/ Cloud Computing/ Big Data</li><li>4. Parallel Processing/ Image Processing/ Digital Computing/ Computer Architecture/ Computer System Design</li><li>5. Artificial Intelligence/ Soft Computing/ Natural Language Processing</li><li>6. Compiler Design/ System Software/ System Programming/ Operating System.</li></ol>

**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

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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.

**QUALIFICATION FOR THE POST OF ASSOCIATE PROFESSOR IN ELECTRICAL ENGG. (for GZSCCET, MRSPTU, Bathinda)**

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	Electrical Engg.	1. Electrical Machines 2. Power Systems. 3. Electric Drives 4. Control Systems.

**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.

**QUALIFICATION FOR THE POST OF ASSISTANT PROFESSOR IN MECHANICAL ENGG. (for GZSCCET, MRSPTU, Bathinda)**

<b>Sr. No.</b>	<b>Discipline</b>	<b>Preferred Areas of Specialisation</b>
1.	Mechanical Engg.	1. Production Engineering or Industrial Engineering or Mechanical Engineering, CAD/ CAM, Mechatronics or Robotics, Thermal Engineering, Fluid Mechanics and Heat Transfer

**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:**

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

**QUALIFICATION FOR THE POST OF ASSISTANT PROFESSOR IN COMPUTER SCIENCE & ENGG., CIVIL ENGG. AND MECHANICAL ENGG. (for PITs)**

**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.

**QUALIFICATION FOR THE POST OF PROFESSOR AND ASSOCIATE PROFESSOR IN SCHOOL OF PLANNING & ARCHITECTURE (for MRSPTU):**

Sr. No.	Discipline	Preferred Areas of Specialisation
1.	School Planning & Architecture	1. Architecture, Planning/Urban Design, Landscaping, Conservation/ Interior Design, Construction Management, Fine Arts.

Sr. No.	Cadre	Educational Qualifications	Experience* (Excluding time period for acquisition of PG/Ph.D. qualifications)
1.	Professor	First class Bachelor's Degree in Architecture AND M.Arch. or equivalent OR Bachelor's Degree in Architecture AND First class M.Arch., or equivalent OR First class Bachelor's Degree in Architecture AND Ph.D.	Thirteen years experience out of which - Minimum Five years Teaching experience as Associate Professor. OR Fifteen years Practice experience out of which - Five years Teaching experience as Visiting Faculty. (Relaxation up to three years in teaching experience may be given to candidates having M.Arch. degree

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		in Architecture.	(or equivalent) and Ph.D. in Architecture from University recognised by UGC or other competent authority)
2.	Associate Professor	First class Bachelor's Degree in Architecture AND M.Arch. or equivalent OR Bachelor's Degree in Architecture AND First class M.Arch. or Equivalent OR First class Bachelor's Degree in Architecture AND Ph.D. in Architecture.	Eight years experience out of which - Minimum Three years Teaching experience as full time** Faculty / Five years Teaching experience as Visiting Faculty. OR Ten years Practice experience. (Relaxation up to three years in teaching experience may be given to candidates having M.Arch. degree (or equivalent) and Ph.D. in Architecture from University recognised by UGC or other competent authority)

**Explanations:**

\*Experience shall mean experience in Practice and/or Teaching and/or Research in the field of Architecture. Experience in Practice may be substantiated by Experience certificates from employers, Work orders, Completion certificates & Sample Drawings of the projects undertaken as the case may be.

\*\*Full time faculty means a registered architect, who has put up full time service as a faculty member with the institutions approved by COA, either on regular (Permanent) or tenure basis.

**QUALIFICATION FOR THE POST OF DIRECTOR IT ENABLED SERVICES**

**i Essential**

1. A Ph.D. degree with First Class at Bachelor's or Master's Degree in the appropriate branch of Computer Science & Engg./Information Technology 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 in corporate sector in the area of IT-Enabled services management/ software development.

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 Computer Science & Engg./ Information Technology.
2. Significant professional work which can be recognized\* as equivalent to a Ph.D. Degree in appropriate branch of Computer Science & Engg./ Information Technology and Industrial/ professional experience of ten years, out of which at least five years at a senior level of Associate Professor/ Reader or equivalent in corporate sector in the area of IT-Enabled services management/ software development.

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.

2. Contribution to technology-mediated teaching learning process.

**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 field/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.

**QUALIFICATION FOR THE POST OF ASSISTANT DIRECTOR (SPORTS) AND ASSISTANT DIRECTOR (YOUTH AFFAIRS)**

- i. A Master' 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.

**QUALIFICATION FOR THE POST OF ASSISTANT REGISTRAR/ LIAISON OFFICER**

Master's Degree with atleast 55% of the marks or its equivalent grade of 'B' in the UGC 7pt scale alongwith a good academic record.

**QUALIFICATION FOR THE POST OF DRAUGHTSMAN**

**Essential:**

- (i) Candidates should have Diploma in Architectural Assistantship or equivalent from a recognized Board
- (ii) Expert knowledge of 2D softwares like AutoCAD
- (iii) Minimum 2 years of experience in preparation of Architectural and working drawings plans, elevations, sections, details, materials, finishes, etc.

**Desirable:**

- 1. Preparing estimates and BOQ.
- 2. Should have Ability to visualize ideas in 3D effect. Knowledge of: All relevant bye-laws, technical knowledge, Software like REVIT® Architecture, Sketch Up, Photoshop, MS Office, MS Project, Working knowledge of 3DS Max.

**QUALIFICATION FOR THE POST OF GRAPHIC ARTIST**

**Essential:**

- (i) Bachelor's Degree in Fine Art/ Visual Art or painting or commercial art or applied art or Animation from a recognized University or Institution, and
- (ii) Two year's professional or educational experience in art.

Note: Candidates having expert knowledge of MS Powerpoint, Photoshop and CorelDraw or similar softwares shall be preferred.

**Desirable:**

1. Good level of English (oral and written).
2. Expert knowledge of MS Powerpoint, Photoshop and CorelDraw or similar softwares.
3. Knowledge of animation (2D or 3D) is a plus.

