

**DETAILS OF ESSENTIAL QUALIFICATIONS**  
**AND EXPERIENCE**

**Engineering**

**(i) Assistant Professor: (15600-39100+6000)**

BE/B.Tech and ME/M.Tech in relevant branch with First Class or equivalent either in BE/B.Tech or ME/M.Tech. Aptitude for Research is highly desirable.

**(ii) Associate Professor: (37400-67000+9000)**

Qualification as above that is for the post of Assistant Professor, as applicable and Ph.D or equivalent, in appropriate discipline with minimum of 05 years experience in teaching /research/industry of which 02 years post Ph.D experience is desirable. Post Ph.D publications in journals of repute and guiding Ph.D student is highly desirable.

**(iii) Professor (Rs 37400-67000+10000 to be fixed at a stage not below Rs 43000)**

Qualification as above that is for the post of Associate Professor, applicable with

1. Minimum of 10 years teaching / research / industrial experience of which at least 5 years should be at the level of Associate Professor. Post Ph.D publications in journals of repute and guiding Ph.D student is highly desirable

**OR**

2. 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 /IPR/patents record shall be required as deemed fit by the expert members of the 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/IPR/patents, etc. as deemed fit by the expert members of the selection committee.

**(iv) Director (Rs 37400-67000+10000 to be fixed at a stage not below Rs 43000) + S.P. Rs 3000/-**

Qualification as above that is for the post of Professor, as applicable with

1. Minimum of 10 years experience in teaching / research / industrial experience of which at least 3 years shall be at the level of Professor. Post Ph.D publications and guiding Ph.D students is highly desirable.

**OR**

2. 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 /IPR/patents record shall be required as deemed fit by the expert members of the Selection Committee.

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

**Desirable:** A Professor of eminence with excellent track record in academics, administrative, research and innovations. A visionary person with exposure at national and international level with commitment to excel and displayable organizational capability. Participation record in devising, designing, developing, planning, executing, analyzing, quality control and curriculum innovation.

### **DESIRABLE SPECIALIZATION IN DIFFERENT DISCIPLINES:**

**(a) Electrical Engineering.**

Specialization in Electric Machines/Power Systems/Power Electronics & Drives/ Measurement & Control Systems / High Voltage Engineering/Energy. Published work in reputed journals. Contribution to educational innovation, design of new courses and curricula.

**(b) Electronics & Communication.**

Specialization in image processing / Communication Engineering / VLSI/Micro Electronics /Optical Communication/Digital Electronics & circuits/Digital Communication/Data Communication/Microwave/Antenna. Published work in reputed journals. Contribution to educational innovation, design of new courses and curricula.

**(c) Computer Science & Engineering .**

Specialization in Parallel & Distributed Computing / Software Engineering / Computer Network /System Programming/Cyber forensic/Databases & Data Analysis/Computational intelligence/Cognitive Systems/ Data Mining & Warehousing/Theoretical Computer Science /Databases Administration / distributed Databases / Embedded Systems / Network Programming / Wireless computing/Network Security / Object Oriented Technologies. Published work in reputed journals. Contribution to educational innovation, design of new courses and curricula.

**(d) Information Technology.**

Specialization in Data Communication/ Digital Communication /Microwave/Computer Network/Soft Computing / Embedded Systems /Information Security/Wireless Computing/Cloud Computing/Data Science/Cyber forensic/Cyber Security. Published work in reputed journals. Contribution to educational innovation, design of new courses and curricula.

**(e) Civil Engineering.**

Specialization in Structural Engg. / Structural Dynamis/Construction Technology & Management / Environmental Engg. Transportation Engg./Water Resource/ Soil Mechanics/Geotechnical Engg./Disaster Management/ Foundation Engg. etc. Published work in reputed journals. Contribution to educational innovation, design of new courses and curricula.

**(f) Mechanical Engineering.**

Specialization in Industrial Production Engineering / System/ Thermal/ Design/ Materials/ CAD-CAM. Published work in reputed journals. Contribution to educational innovation, design of new courses and curricula.

**(g) Energy and Environment Management.**

Specialization in Energy & Environment Modelling/Energy Technology / Power plant Engg./ Industrial Engg/Clean Technology/Non Conventional Energy System/ Thermal Engg./ Ind. Design /Mech. Engg/Electrical etc . Published work in reputed journals. Contribution to educational innovation, design of new courses and curricula.

**(h) Petrochemical Engineering.**

Specialization in Chemical Engg./Refinery Tech./Engg., Energy Technology /Thermal Engg./ Ind. Design etc. Published work in reputed journals. Contribution to educational innovation, design of new courses and curricula.

**(i) Automobile Engineering.**

Specialization in Mech. Engg./Industrial Production Engineering /Thermal/ Design/ CAD-CAM. Published work in reputed journals. Contribution to educational innovation, design of new courses and curricula.

## **MASTER OF APPLIED MANAGEMENT**

**(i) Assistant Professor: (15600-39100+6000)**

First Class or equivalent in Masters Degree in Business Administration or equivalent **and** 2 years relevant Experience is desirable. Aptitude for Research is highly desirable.

**(ii) Associate Professor: (37400-67000+9000)**

Qualification as above that is for the post of Assistant Professor, as applicable and Ph.D or equivalent, in appropriate discipline with minimum of 05 years experience in teaching /research/industry of which 02 years post Ph.D experience is desirable. Post Ph.D publications in journals of repute and guiding Ph.D student is highly desirable.

**(iii) Professor (Rs 37400-67000+10000 to be fixed at a stage not below Rs 43000)**

Qualification as above that is for the post of Associate Professor, applicable with

1. Minimum of 10 years teaching / research / industrial experience of which at least 5 years should be at the level of Associate Professor. Post Ph.D publications in journals of repute and guiding Ph.D student is highly desirable

**OR**

2. 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 /IPR/patents record shall be required as deemed fit by the expert members of the 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/IPR/patents, etc. as deemed fit by the expert members of the selection committee.

## **Computer Applications**

**(i) Assistant Professor: (15600-39100+6000)**

BE/B.Tech and ME/M.Tech in relevant branch with First Class or equivalent either in BE/B.Tech or ME/M.Tech. Aptitude for Research is highly desirable.

**OR**

BE/B.Tech and MCA with First Class or equivalent in either BE/B.Tech or MCA

**OR**

MCA with first class or equivalent with two years relevant experience.

**(ii) Associate Professor: (37400-67000+9000)**

Qualification as above that is for the post of Assistant Professor, as applicable and Ph.D or equivalent, in appropriate discipline with minimum of 05 years experience in teaching /research/industry of which 02 years post Ph.D experience is desirable. Post Ph.D publications in journals of repute and guiding PhD student is highly desirable.

**(iii) Professor (Rs 37400-67000+10000 to be fixed at a stage not below Rs 43000)**

Qualification as above that is for the post of Associate Professor, applicable with

1. Minimum of 10 years teaching / research / industrial experience of which at least 5 years should be at the level of Associate Professor. Post Ph.D publications in journals of repute and guiding PhD student is highly desirable

**OR**

2. 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

/IPR/patents record shall be required as deemed fit by the expert members of the 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/IPR/patents, etc. as deemed fit by the expert members of the selection committee.

### **School of Pharmacy**

**(i) Assistant Professor: (15600-39100+6000)**

Bachelors and Masters Degree in Pharmacy with First Class or Equivalent either in Bachelors or Masters Degree. Aptitude for Research is highly desirable.

**(ii) Associate Professor: (37400-67000+9000)**

Qualification as above that is for the post of Assistant Professor, as applicable and Ph.D or equivalent, in appropriate discipline with minimum of 05 years experience in teaching /research/industry of which 02 years post Ph.D experience is desirable. Post Ph.D publications in journals of repute and guiding Ph.D student is highly desirable.

### **DESIRABLE SPECIALIZATION**

Pharmaceutical Chemistry/Quality Assurance/Pharmaceutics or Industrial Pharmacy.

### **Finish School**

**(i) Assistant Professor: (15600-39100+6000)**

Bachelors of Engg. or Masters Degree in Pharmacy with First Class or Equivalent either in Bachelors or Masters Degree with Post Graduation in Management or Humanities (English) is highly desirable.

### **DESIRABLE SPECIALIZATION**

Contribution to educational innovation, design of new courses and curricula. Experience in conducting Training Programme, Industrial Experience, Corporate exposure, Human Resource Development activities is desirable.

**(ii) Associate Professor: (37400-67000+9000)**

Bachelors of Engg. with Post Graduation in Management or Humanities (English) with First class or Equivalent either in Bachelors or Masters Degree and PhD or equivalent with Minimum of 05 years experience in teaching /research/industry of which 02 years post PhD experience is highly desirable.

### **DESIRABLE SPECIALIZATION**

Contribution to educational innovation, design of new courses and curricula. Experience in conducting Training Programme, /Training & placement activities and involument in Communication Skills Development programme, Industrial Experience, Corporate exposure, Human Resource Development activities are desirable.

## **Humanities & Sciences (Physics, Chemistry & Mathematics)**

### **(i) Assistant Professor: (15600-39100+6000)**

Good academic record with First Class or an equivalent CGPA at the Master's Degree level, in the relevant subject or an equivalent degree from a Indian/Foreign University. Besides fulfilling the above qualifications, candidates must have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR, or similar test accredited by the UGC. 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.

### **(ii) Associate Professor: (37400-67000+9000)**

Good academic record with First Class or an equivalent CGPA at the Master's Degree level and Ph.D Degree in the relevant subject or an equivalent degree from a Indian/Foreign University with a minimum of 08 years experience of which 02 years post Ph.D experience is desirable, 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 05 publication as books and/or research/policy papers.. Post Ph.D publications in journals of repute and guiding Ph.D student, contribution to educational innovation, design of new courses and curricula is highly desirable.

## **Library**

### **Assistant Librarian (15600-39100+6000)**

Good academic record with First Class or an equivalent CGPA at the Master's Degree in Library Science/ Information Science/Documentation Science or an equivalent professional degree with knowledge of computerization of library. Besides fulfilling this qualification, candidates should have cleared the national level test conducted for the purpose by the UGC or any other agency approved by the UGC. 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.

### **Librarian (Rs 37400-67000+10000)**

Good academic record with First Class or an equivalent CGPA at the Master's Degree or an equivalent professional degree with Ph.D in Library Science/Information Science/ Documentation Science with knowledge of computerization of library. At least thirteen years experience as a Deputy Librarian in a University library or eighteen years experience as a College Librarian is required. Evidence of innovative library service and organization of published work.

## **DESIRABLE SPECIALIZATION**

M.Phil/Ph.D Degree with in Library Science/Information Science/Documentation Science with knowledge of computerization of library and experience of automation of library / documentation / Archives and Manuscript keeping.

### **School of Bio-Technology**

**(i) Assistant Professor: (15600-39100+6000)**

BE/B.Tech and ME/M.Tech in relevant branch with First Class or equivalent either in BE/B.Tech or ME/M.Tech.. Aptitude for Research is highly desirable.

**OR**

Ph.D Degree in Pharmacy with specialization in Biotechnology.

**OR**

Ph.D in Applied Biological Sciences such as Microbiology, Biochemistry, Genetics, Molecular Biology, Biophysics.

**(ii) Associate Professor: (37400-67000+9000)**

BE/B.Tech and ME/M.Tech in relevant branch with First Class or equivalent either in BE/B.Tech or ME/M.Tech. with Ph.D in relevant branch or Ph.D Degree in Pharmacy with specialization in Biotechnology or equivalent, with minimum of 05 years experience in teaching /Research/Industry of which 02 years post Ph.D experience is desirable. Post Ph.D publications in journals of repute and guiding Ph.D student is highly desirable

**OR**

Ph.D in Applied Biological Sciences such as Microbiology, Biochemistry, Genetics, Molecular Biology, Biophysics with 08 years experience in teaching, research and /or industry of which 02 years post Ph.D experience is desirable. Post Ph.D publications in journals of repute and guiding Ph.D student is highly desirable.

**(III) Professor (Rs 37400-67000+10000 to be fixed at a stage not below Rs 43000)**

**(A).** BE/B.Tech and ME/M.Tech in relevant branch with First Class or equivalent either in BE/B.Tech or ME/M.Tech. with Ph.D in relevant branch or Ph.D Degree in Pharmacy with specialization in Biotechnology or equivalent, with

1. Minimum of 10 years teaching / research / industrial experience of which at least 05 years should be at the level of Associate Professor. Post Ph.D publications and guiding Ph.D student is highly desirable.

**OR**

2. 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 /IPR/patents record shall be required as deemed fit by the expert members of the 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/IPR/patents, etc. as deemed fit by the expert members of the selection committee.

**OR**

**(B).** Ph.D in Applied Biological Sciences such as Microbiology, Biochemistry, Genetics, Molecular Biology, Biophysics with minimum of 13 years teaching / research / industrial experience of which at least 8 years should be at the level of Associate Professor. Post Ph.D publications and guiding Ph.D student is highly desirable.

**DESIRABLE SPECIALIZATION**

Bio Informatics / Industrial Bio-Technology / Bio Process Engg. / Bio Chemical Engg. / Recombinant DNA Technology.

## **Sports**

### **(i) Dy. Director Sports (37400-67000+9000)**

Good academic record with First Class or an equivalent CGPA at the Master's Degree with PhD in Physical Education. Eight Years experience as University Assistant DPES/College DPES. Evidence of organizing competitions and conducting coaching camps of at least two weeks duration. Evidence of having produced good performance teams/athletes for competitions like state/national/inter-university/combined university, etc.

**Desirable:** Representation in National/International tournaments as player or as an official with the team, should have experience of organizing State or National level tournaments. A National Awardee recognized by Govt. of India.

## **School of Nano-Technology**

### **(I) Assistant Professor: (15600-39100+6000)**

BE/B.Tech and ME/M.Tech in relevant branch with First Class or equivalent either in BE/B.Tech or ME/M.Tech.. Aptitude for Research is highly desirable.

**OR**

Ph.D in Nanotechnology/ Chemical Engineering or Technology/ Chemical and Material Sciences/ Biomaterials/ Electronics/ Physics. Post Ph.D publications are highly desirable in the field of Nanotech.

### **(II) Associate Professor: (37400-67000+9000)**

BE/B.Tech and ME/M.Tech in relevant branch with First Class or equivalent either in BE/B.Tech or ME/M.Tech. with Ph.D in relevant branch or equivalent, with minimum of 05 years teaching / research / industrial experience of which at least 02 years post Ph.D experience is desirable. Post Ph.D publications and guiding Ph.D student in the field of Nanotechnology is highly desirable.

**OR**

Ph.D in Nanotechnology/ Chemical Engineering or Technology/ Chemical and Material Sciences/ Biomaterials/ Electronics/ Physics with minimum of 08 years teaching / research / industrial experience of which at least 02 years post Ph.D experience is desirable. Post Ph.D publications and guiding Ph.D student in the field of Nanotechnology is highly desirable.

### **(III) Professor (Rs 37400-67000+10000 to be fixed at a stage not below Rs 43000)**

**(A).** BE/B.Tech and ME/M.Tech in relevant branch with First Class or equivalent either in BE/B.Tech or ME/M.Tech. with Ph.D in relevant branch or equivalent, with

1. Minimum of 10 years teaching / research / industrial experience of which at least 05 years should be at the level of Associate Professor. Post Ph.D publications and guiding Ph.D student in the field of Nanotechnology is highly desirable.

**OR**

2. 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 /IPR/patents record shall be required as deemed fit by the expert members of the 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/IPR/patents, etc. as deemed fit by the expert members of the selection committee.

**OR**

**(B).** Ph.D in Nanotechnology/ Chemical Engineering or Technology/ Chemical and Material Sciences/ Biomaterials/ Electronics/ Physics with minimum of 13 years teaching / research / industrial experience of which at least 8 years should be at the level of Associate Professor. Post Ph.D publications and guiding Ph.D student in the field of Nanotechnology is highly desirable.

**DESIRABLE SPECIALIZATION**

Specialization in Nanotechnology/Chemical and Material Sciences/ Biomaterials/ Electronics/ Physics/Nano material/Nano Devices and in any other concern branch of nanotech.

**NOTE:**

1. Equivalence for PhD is based on publication of 05 International Journal Papers, each Journal having a cumulative impact index of not less than 2.0, with incumbent as the main author and all 05 publications being in the author's area of specialization.
2. PhD shall be from a recognized University.
3. For an incumbent Assistant Professor, experience at the level of Assistant Professor will be considered equivalent to experience at the level of Associate Professor, provided the incumbent Assistant Professor has acquired or acquires Ph.D Degree in the relevant discipline.
4. Experience at Diploma Institutions is also considered equivalent to experience in degree level Institutions at appropriate level and as applicable. However, qualification as above shall be mandatory.
5. If a class/ division is not awarded, minimum of 60% marks in aggregate shall be considered equivalent to first class/ division. If a Grade Point System is adopted the CGPA will be converted into equivalent marks as below.

<b>Grade Point</b>	<b>Equivalent Percentage</b>
<b>6.25</b>	<b>55 %</b>
<b>6.75</b>	<b>60 %</b>
<b>7.25</b>	<b>65 %</b>
<b>7.75</b>	<b>70 %</b>
<b>8.25</b>	<b>75 %</b>

- Note: - In case of number of application for the post of Assistant Professor is more than 1:10, candidate has to appear for written Screening Test. Successful candidate will be called for interview.