

## DETAILS OF TERMS AND CONDITIONS, QUALIFICATIONS AND EXPERIENCE

### Minimum Qualification and Experience as per A.I.C.T.E. norms.

#### Engineering

- (i) **Assistant Professor : (15600-39000+ AGP 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+ AGP 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. students is highly desirable.
- (iii) **Professor : (37400-67000+ AGP 10000)**  
Qualification as above that is for the post of Associate Professor, applicable with 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**

Minimum of 13 years experience in teaching and / or Research and / or Industry in case of research experience, good academic record and book/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 : (15600-39000+ AGP 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.

**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.

Aptitude for Research is highly desirable.

- (ii) **Associate Professor : (37400-67000+ AGP 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. students is highly desirable.
- (iii) **Professor : (37400-67000+ AGP 10000)**  
Qualification as above that is for the post of Associate Professor, applicable with 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**

Minimum of 13 years experience in teaching and / or Research and / or Industry in case of research experience, good academic record and book/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.

### **Applied (Physics/Chemistry/Maths, /Computer Science), Humanities/English**

#### **(i) Assistant Professor : (15600-39000+ AGP 6000)**

Good academic record with first class or an equivalent CGPA at the Master's degree level in the relevant subject from Indian University. Besides fulfilling the qualification, candidates should have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC. Candidates who are or have been awarded a Ph.D. shall be exempted from the requirement of the minimum eligibility conduction of NET/SLET/SET. Aptitude for Research is highly desirable.

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

Good academic record with first class or an equivalent CGPA at the Master's level and Ph.D. Degree in the relevant subject with a minimum 05 years experience in teaching/research of which 02 years post Ph.D. experience is desirable. Post Ph.D. publications in journals of repute and guiding Ph.D. students is highly desirable.

#### **(iii) Professor : (37400-67000+ AGP 10000)**

Qualification as above that is for the post of Associate Professor, with minimum of 10 years teaching/ research 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**

Minimum of 13 years experience in teaching and / or Research and / or Industry in case of research experience, good academic record and book/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.

## Management

**(i) Assistant Professor : (15600-39000+ AGP 6000)**

First class or equivalent in Master Degree in Business Administration or equivalent and 2 years relevant experience. Aptitude for Research is highly desirable.

**(ii) Associate Professor : (37400-67000+ AGP 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. students is highly desirable.

**(iii) Professor : (37400-67000+ AGP 10000)**

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

Minimum of 13 years experience in teaching and / or Research and / or Industry in case of research experience, good academic record and book/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.

### Area of Specialization:

S.No	Department	Area of Specialization
1	Civil Engg.	Structural Engineering, Earthquake Engineering, Environmental Engineering, Geotechnical Engineering, Rock Mechanics, Remote Sensing & Surveying, Transportation Engineering, Construction & Project Management.
2	Applied Mechanics	Solid Mechanics, Fluid Mechanics, Machine Design, Structural Engineering.
3	Mechanical Engg.	Industrial Engineering, Industrial Management, Project Engineering, Production Technology, Thermal Engineering, Machine Design, Robotics.
4	Electrical Engineering	Computer Science & Engineering, Computer Technology, Power Systems, Control Engineering, High Voltage Engineering, Electrical Machines & Drives Instrumentation, Power Electronics.
5	Computer science & Engg. & Information Technology	Data Mining & Warehousing, Artificial Intelligence & Expert Systems, Software Engineering, Mobile & Pervasive Computing, Design & Analysis of Algorithms, Soft Computing, Parallel Processing, distributed Systems, Image Processing & Multimedia, Information Security, Computer Graphics, Machine Vision, Bio-Informatics, Scientific Computing. Advance Computer Network, Theory of Computation, Theoretical Computer Science, Cloud

		Computing, Information System, Database Technology, E-Commerce, E-learning, Human Computer Interaction, Ad-hoc and Sensor Network, Internet Technologies.
6	Electronics & Instrumentation	Measurement Science & Technology, Digital Signal Processing, Embedded system, VLSI, Optical Sensors & Instrumentation, Instrumentation & Control
7	Electronics & Communication Engg.	VLSI and Microelectronics, Telecommunication networks, security and management, signal Processing, Embedded systems, Automation and robotics, RF and Microwave Engineering, Wireless Communication and Networks, Optical Communication and Networks, Multimedia, Mobile Computing, Electronic Circuits & Systems.
8	Bio Medical Engg.	Biomedical instrumentation, Biomaterials, Neural Engineering, Bioelectronics & Instrumentation, Tissue Engineering, Medical Engineering, Rehabilitation Engineering, Clinical Engineering, System Physiology & Medical Imaging.
10	Computer Applications	AI & Expert System, Computer Vision, Network Security, Software Engineering, Bio-Informatics, Parallel Computing, Object Oriented Concepts, Embedded Systems, Distributed system, Soft computing, Data mining & data warehousing Database Technology & Applications, Cloud Computing, Design Analysis & Algorithms, Multimedia System, Advanced Computer Network, Simulation & Modelling, Software Architecture, Web Engg., Software Security System, Compiler Construction, Java Programming & Technology, Knowledge Management, Software Testing & Quality Assurance.
11	Management	Finance, Marketing, HR, IT.
12	Physics	Electro-optics, Nano materials, lasers and optical fibres, Polymers, Solid State Physics, Nuclear Physics, Engineering Physical.
13	Chemistry	Analytical/ Applied Chemistry, Engineering Chemistry, Bio-chemistry, Industrial Chemistry.
14	Mathematics	Numerical methods, Finite Element Methods, Differential Equations, Optimization Techniques, Statistic, Fluid Dynamics, Discrete Mathematics, Algebra, Group Theory, Graph Theory.
15	Humanities	English Literature, Business Communication Skills.
16	Training & Placement	Significant Research work in any branch of Engineering/Technology/Management with experience in training and placement activities.

- ❖ Equivalence for Ph.D. is based on publication of 5 International Journal papers, each Journal having a cumulative impact index of less than 2.0 with incumbent as the main author and all 5 publications being in the authors area of specialization.
- ❖ Ph.D. shall be from a recognized University.
- ❖ 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.
- ❖ Experience at Diploma Institutions is also considered equivalent to experience in degree level Institutions at appropriate level and as applicable. However, qualifications as above shall be mandatory.
- ❖ 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><u>Grade Point</u></b>	<b><u>Equivalent Percentage</u></b>
6.25	55%
6.75	60%
7.25	65%
7.75	70%
8.25	75%

## **Instructions to the candidates:**

1. Candidates who has applied earlier against our advertisement No. SATI/Estt./Recruitment/2011-12 dated 20.06.2011 and interested in applying for the same post and department, he/she may submit his/her updated fresh application form without enclosing fee.
2. Separate application is required for each post.
3. Document enclosed with the application form may securely be tagged to avoid loss in handling and photograph must be properly affixed.
4. Candidates in employment must send their applications completed in all respect through proper channel by Speed post/Registered post/Authorized courier. Institute will not be responsible for any postal delay/loss in transit of application. Application received after due date will be rejected.
5. Mere fulfillment of minimum qualification and experience requirement for post does not entitle the candidate to be called for interview/selection. A short listing criterion may be set higher than the minimum.
6. Any misleading or wrong information supplied may lead to summarily rejection of application/appointment if found subsequently.
7. Canvassing in any form by or on behalf of a candidate will be disqualification.
8. Application on plain paper or received after the last date or with incomplete information/supporting documents will not be considered.
9. No interim quarries regarding interview/selection will be entertained.
10. Additional sheet may be attached in the same format wherever the space allocated is felt to be insufficient.
11. Students pursuing Ph.D. need to enclose a reference letter from his/her guide(s) indicating preset status of his/her work.
12. Interview calls to candidates will be issued through their email ID and list of such candidates will also be uploaded on the institute website.
13. Candidates called for interview will have to produce all the documents in original with one set of self attested copies otherwise he/she may not be permitted to attend the interview.
14. Candidates should be prepared to come for interview at this own cast.
15. Application in prescribed format downloaded from institute website ([www.satiengg.org](http://www.satiengg.org)), should be submitted alongwith attested copies of certificates, testimonials and with an application fee of Rs. 1000=00. (No fees, In case of SC/ST candidates of M.P. if applying against these categories) by Demand Draft in favor of 'Director, Samrat Ashok Technological Institute (Degree)' payable at Vidisha.
16. Reservation as per M.P. Govt. norms is applicable. Candidates belonging to SC/ST/OBC/PH category must submit the attested Xerox copies of their certificates on the format specified by M.P. Govt.

17. All certificates/degree should be AICTE/UGC approved from recognized universities/institutions. Degree obtained in open/distance education mode should be approved by 'Joint committee of UGC-AICTE-DEC.
18. The institute reserves right to offer appointment either in regular position or on Contractual basis for Self-financed Courses in view of the financial viability.
19. Exceptionally qualified and experienced candidate may be granted higher scales/increments on the recommendation of selection committee.
20. Applicants should be prepared to come for interview at their own cost.
21. Decision of the BOG/Managing Committee on the recommendation of selection committee shall be final and no appeal or correspondence shall be entertained in this regard.
22. In case AICTE/UGC revises qualifications/ experience, same will be applicable.
23. Application fee will not be refunded in any circumstances.
24. The selected candidate shall make his/her own arrangements for getting his/her relieve from the parent Institute/organization.
25. Selected candidate shall join duty within the time prescribed in his/her appointment letter. No extension of time of joining will be allowed under any circumstance. Failure to join duty within stipulated date will result as cancellation of selection.
26. Orders of appointment for selected candidates will be issued according to seniority fixed as per the Roster for communal reservation laid down by M.P. Govt. for each category of post in respective discipline.
27. Candidates are advised to satisfy themselves before applying that they possess at least the essential qualifications and experience prescribed for the post. It is for the candidate themselves to ensure that they satisfy the prescribed requirement.
- 28. Candidates should continuously surf the institute website for any update/modifications, corrigendum, etc. No communication will be entertained with any candidate.**
29. SC/ST/OBC candidates of state other than M.P. shall be considered under unreserved category.
30. The Institute authority reserves right to increase or decrease the no. of posts or cancel the recruitment procedure to any or all posts without any prior and without assigning any reason thereof.
31. Candidate may be required to make a brief technical presentation at the time of interview.
32. If a candidate not found suitable for the post, he/she has applied then he/she can be considered for the lower post. Candidate may give this option in his/her application.
33. Application incomplete in any respect and not accompanied by relevant. Certificate/document/photograph/DD will be summarily rejected.
34. All qualifications, experience will be considered on the last date of submission of application from.
35. Deserving candidates, if selected, can be considered on deputation.

## **How to apply:**

Applications form may be downloaded from SATI Vidisha website: [www.satiengg.org](http://www.satiengg.org). Completed application with application fee Rs. 1000/- in the form of DD in favor of Director, Samrat Ashok Technological Institute (Degree), payable at Vidisha along with attested copies of all certificates and necessary enclosures must reach to Registrar, Samrat Ashok Technological Institute (Degree) Vidisha (M.P.) 464001, latest by 19.11.2012. All applications should be send through Speed post/Registered Post/ Authorized courier in sealed envelope superscribed clearly with “Application for the Post of ..... in discipline .....”.

**(Dr. R. C. Jain)**  
Director