



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
Ministry of Human Resource Development, Government of India  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070  
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**Advertisement for various posts for Student Learning Assessment Project(SLAP) in AICTE**

Online applications are invited for following posts purely on contractual basis for a duration of two years or till the end of project whichever is earlier for AICTE- **Student Learning Assessment Project:**

Sl. No.	Name of the Post	No. of Post	Fixed Remuneration per month inclusive of all allowances
1.	Principal Investigator	1	Rs.1,25,000/-
2.	Data Analyst in Measurement and Statistics	1	Rs.1,00,000/-
3.	Data Manager	1	Rs.1,00,000/-
4.	Sr. Software Engineer	1	Rs.75,000/-
5.	IT Consultant	1	Rs.45,000/-

All other details such as qualifications, experience, service conditions and procedure for submitting online application to the above posts shall be available at the AICTE's website (<https://www.aicte-india.org/bulletins/advertisements>) from **16.10.2020**. Last date for submission of online application is **28.10.2020**. Interview for eligible candidates will be conducted from **03.11.2020**.

The Council reserves the right to increase (or) decrease or cancel the above mentioned posts without assigning any reason thereto.

**Member Secretary**

**All India Council for Technical Education**  
**AICTE- Student Learning Assessment Project**

**About the Project:**

All India Council for Technical Education (AICTE), in collaboration with National Project Implementation Unit (NPIU) & Stanford University, has successfully implemented a program called Student Learning Assessment (SLA) in India during last three years on pilot basis to assess and improve the skillsets of engineering students. This includes survey related to (i) **Academic** (Mathematics and Physics) and (ii) **Higher order thinking** (Critical Thinking, Quantitative Literacy, Creativity and Test of Relational Reasoning) **skill sets**. In order to extend the outcome of this pilot project, AICTE is starting a unit in Delhi for implementation in its approved institutions under the banner “**AICTE-Student Learning Assessment Project (ASLAP)**”. The objective of ASLAP is to indigenously develop questionnaires for online survey, conduct online tests for students of AICTE approved institutes, collect & analyse the data (using latest technology tools) and develop & share the reports (outcomes) with institutes for improving the skillsets of technical graduates.

In view of this, applications are invited from eligible & committed/motivated candidates for the following posts:

01. Principal Investigator
02. Data analyst in Measurement and Statistics
03. Data Manger
04. Sr. Software Engineer
05. IT Consultant

**NOTE-1: Qualification and Experience Criteria for the above posts under AICTE- Student Learning Assessment Project is mentioned in next page.**

**NOTE-2: Online Application to apply for the above mentioned posts is available at the end of Qualification and Experience Criteria page.**

## All India Council for Technical Education

### AICTE- Student Learning Assessment Project

SI. No	Post	Emoluments per Month (INR)	Eligibility		Essential and Desirable skills
			Qualification	Experience (minimum)	
1	Principal Investigator	1,25,000/-	PhD in Science / Engineering / Technology / Social science with expertise in Innovation Competency / Quantitative Social Sciences /Engineering Education Policy	10 Years	<p><b>Essential Skills:</b></p> <ul style="list-style-type: none"> <li>• Strong quantitative skills (coursework in econometrics and statistics)</li> <li>• Excellent organizational and project management skills.</li> <li>• Fluency and excellent communication skills in oral and written English.</li> <li>• Flexible, motivated, able to manage multiple tasks efficiently.</li> <li>• Demonstrated ability to work well in teams and collaborate effectively.</li> <li>• Ample experience with designing research and conducting large-scale surveys.</li> <li>• Enthusiasm for empirical research, and the ability and interest to learn new skills and take initiative as a project develops.</li> <li>• Minimum 5 years' experience in leadership role in guiding and assessing innovation / data analysis projects (using Stata R, or SAS) and managing research projects.</li> <li>• Experience in writing policy reports and research briefs for internal and external communication</li> <li>• Experience in Engineering Education Policy</li> </ul> <p><b>Desirable skills:</b></p> <ul style="list-style-type: none"> <li>• Fluency in English</li> <li>• Facility in verbal and written communications.</li> <li>• Ability to design and implement projects related to student assessment.</li> <li>• Experience with computer-based surveys and a wide-range of cognitive or educational measures.</li> <li>• Experience in handling International Projects</li> <li>• Strong ability to solve issues associated with data collection and reporting.</li> <li>• Experience in fieldwork and large-scale quantitative data collection.</li> <li>• Experience with conducting education or social science research.</li> </ul>

2	Data analyst in measurement and statistics	1,00,000/-	Master's degree (or) Ph.D. in educational measurement, psychology, statistics, or a closely related field	5 Years	<p><b>Essential Skills:</b></p> <ul style="list-style-type: none"> <li>• Proficiency in developing, piloting and analyzing assessment and survey items.</li> <li>• Experience designing and conducting psychometric analyses in support of testing programs.</li> <li>• Proven ability to address measurement problems, and to communicate solutions effectively.</li> <li>• At least two years' experience in the education survey/ in relevant area</li> </ul> <p><b>Desirable skills:</b></p> <ul style="list-style-type: none"> <li>• Fluency in English</li> <li>• Facility in verbal and written communications.</li> <li>• Ability to design and implement projects related to student assessment.</li> <li>• Experience with computer-based surveys and a wide-range of cognitive or educational measures.</li> </ul>
3	Data Manger	1,00,000/-	Master's degree (or) Ph.D. in a subject like monitoring and evaluation, statistical analysis, data management, or other relevant field.	5 Years	<p><b>Essential Skills:</b></p> <ul style="list-style-type: none"> <li>• Data Cleaning, Data Management and Data Analysis</li> <li>• Train groups of enumerators, teachers, or data entrants on quality data entry, grading or marking an assessment collected from the evaluation, as well as other topics as they relate to ensuring high-quality data.</li> <li>• Oversee the management of all data collected from surveys or assessments– including organizing, labeling and storing of completed survey tools.</li> <li>• Ensure the regular backup of data on secure internal server, with multiple backup points and security of files to prevent unauthorized access to sensitive information.</li> <li>• Preparation and clear communication of data analytics and reports</li> <li>• At least two years' experience in the education survey/ in relevant area</li> </ul> <p><b>Desirable skills:</b></p> <ul style="list-style-type: none"> <li>• Strong ability to solve issues associated with data collection and reporting.</li> <li>• Experience in fieldwork and large-scale quantitative data collection.</li> <li>• Experience with conducting education or social science research.</li> </ul>

4.	Sr. Software Engineer	75,000	B. E / B.Tech (Information Technology / Information Science / Computer Science / Electronics)	6 years	<b>Essential Skills:</b> <ul style="list-style-type: none"> <li>• Experience in design, development and deployment of software products.</li> <li>• Experience in product development, testing, delivery and maintenance.</li> <li>• Should be open and willing to learn and explore new technology concepts and work hands-on as and when required.</li> <li>• Hands-on experience in Server side Programming (PHP) and Client Side Programming (HTML, CSS, JavaScript, jQuery, Database design and development, MySQL - Should have idea about writing SQL queries, joins, optimization etc.), Experience in using Oracle Siebel CRM application</li> <li>• Defining the acceptance criteria for application along with strong analytical skills for analysing requirements according to functional and technical specifications, testing and test review as per quality processes. Reviewing various artefacts of Software Development viz. the Functional Requirement, Software Requirement Study, Software Design &amp; Architecture.</li> </ul> <b>Desirable skills:</b> <ul style="list-style-type: none"> <li>• Proficiency in MS Office, application testing, basic knowledge of mobile technologies, data analysis, data mining and reports.</li> <li>• Experience in designing tools and strategies for data collection, analysis and production of reports.</li> <li>• Excellent communication and presentation skills, analytical and interpersonal abilities.</li> <li>• Excellent oral and written communication skills in English. Working knowledge of Hindi is also desirable.</li> </ul>
			M.E / M.Tech (Information Technology / Information Science/ Computer Science / Electronics) / MCA	4 years	
			M.Sc (Information Technology / Information Science /Computer Science)	7 years	
5.	IT Consultant	45,000	B.E / B.Tech (Information Technology/ Information Science / Computer Science / Electronics)	5 Years	<b>Essential Skills:</b> <ul style="list-style-type: none"> <li>• Understanding the functional and technical requirements for best implementation of programme/schemes.</li> <li>• Preparation of quality and standard concept document, design documents, process flow</li> </ul>

			M.E / M.Tech (Information Technology / Information Science / Computer Science / Electronics) /MCA	3 Years	document, guidelines, user manuals towards the requirements. <ul style="list-style-type: none"> <li>• Liaison with senior officers of the Government / Ministry to operationalize and integrate the analytical framework with existing systems.</li> </ul> <b>Desirable skills:</b> <ul style="list-style-type: none"> <li>• Proficiency in MS Office, application testing, basic knowledge of mobile technologies, data analysis, data mining and reports.</li> </ul>
			MSc (Information Technology/ Computer Science)	4 Years	<ul style="list-style-type: none"> <li>• Experience in designing tools and strategies for data collection, analysis and production of reports.</li> <li>• Excellent communication and presentation skills, analytical and interpersonal abilities.</li> <li>• Excellent oral and written communication skills in English.</li> <li>• Working knowledge of Hindi is also desirable.</li> </ul>

NOTE: Degrees from recognized institutions of UGC / AICTE

## Online Application to Apply for Above Posts

**Link:** <https://facilities.aicte-india.org/vacancy/stanford/>