



Government of Pakistan
National Language Promotion Department
National Heritage & Culture Division
Islamabad



Exciting Project Job Opportunity

Applications are invited from suitable candidates for appointment against the following purely temporary posts under project titled "Establishment of National Language Processing Laboratory" on contract and merit basis in the National Language Promotion Department, Islamabad, initially for a period of one year which may be extended on need basis for two years further.

Sr. No.	Name of Post, Age and PPS	Posts	Qualification, Experience and Required Skills
1	Program Manager (Optical Character Recognition) (Age 26 up to 40) PPS-07	1	<p>Qualification: M.Phil./MS Computer Science/Electrical Engineering (18 years of education).</p> <p>Experience and Skills: At least 2 years of experience in image processing projects or optical character recognition or machine learning projects or fresh candidates with at least one research paper or thesis of image processing. Concepts of software engineering will be considered as a plus point.</p> <p style="text-align: center;">OR</p> <p>Qualification: BSCS/MSc or MCS (16 years of education in Computer Science or equivalent)</p> <p>Experience and Skills: At least 5 years of practical experience in image processing/optical character recognition or machine learning projects. At least 02 Research papers on Optical Character Recognition / image processing or machine learning. Concepts of software engineering will be considered as a plus point.</p>
2	Program Manager (R & D) (Age 26 up to 40) PPS-07	1	<p>Qualification: M.Phil./MS Computer Science (18 years of education).</p> <p>Experience and Skills: At least 2 years of experience in natural language processing/machine learning/computational intelligence/computational linguistics or fresh candidates with at least one research paper/ thesis closely related to Natural Language Processing. Concepts of software engineering will be considered as a plus point.</p> <p style="text-align: center;">OR</p> <p>Qualification: BSCS/MSc or MCS (16 years of education in Computer Science)</p> <p>Experience and Skills: At least 5 years of practical experience in natural language processing/machine learning/computational intelligence/computational linguistics or machine learning projects. At least 02 international conference/journal research papers closely related to Natural Language Processing or Computational Linguistics or machine learning. Concepts of software engineering will be considered as a plus point.</p>
3	Program Manager (Applications) (Age 26 up to 40) PPS-07	1	<p>Qualification: M.Phil./MS Computer Science/Software Engineering (18 years of education).</p> <p>Experience and Skills: At least 5 years of experience in the field of software development/software engineering in well reputed organizations as a leading person. Good knowledge of Object Oriented technologies, software development tools, open source technologies, programming languages (C++, C#, Python, PHP, Java, SQL). Must be good concepts of desktop, online and mobile application development. Preference will be given to those have an experience of Urdu Informatics or NLP related projects. Concepts of software engineering will be considered as a plus point.</p> <p style="text-align: center;">OR</p> <p>Qualification: BSCS/MSc or MCS (16 years of education in Computer Science or equivalent)</p> <p>Experience and Skills: At least 10 years of experience in the field of software development/ software engineering in the well reputed organizations as leading person. Good knowledge of Object Oriented modeling and technologies, software development tools, open source technologies, programming languages (C++, C#, Python, PHP, Java). Must be good concepts of desktop, online and mobile application development. Preference will be given to those have an experience of Urdu Informatics or NLP related projects. Concepts of software engineering will be considered as a plus point.</p>
4	Language Expert/ Language Engineer (Age 26 up to 40+ age relaxation) PPS-07	1	<p>Qualification: M.Phil./MS in Urdu/English/ Applied Translation Studies/ Pakistani Languages/ Linguistics or Computer Science with research title closely related to Computational Linguistics.</p> <p>Experience: At least 5 years of experience in grammar teaching or translations or applied linguistics or computational linguistics or Urdu Informatics or NLP projects with the special skills mentioned below.</p> <p style="text-align: center;">OR</p> <p>Qualification: BS/MA in Urdu/English/Applied Linguistics/Translation Studies/Pakistani Languages or Linguistics (16 years of education)</p> <p>Experience: At least 8 years of experience in grammar teaching or translations or applied linguistics or computational linguistics or Urdu Informatics or NLP projects with the special skills mentioned below.</p> <p>Special Skills & Preference: For a Language and Linguistics Proficient, one should be skilled in: Lingua Franca Philosophical Coherence and Language Baseline Updates and Advancements; Syntax, Philological, and, Literary Complexions and Complexities; Urdu, a collective amalgamation of multiple Languages and Linguistics; Effects of Member Languages and Literatures on Urdu; Diction, Language, Linguistics, Tongue, and Literature Impacts on Different Discourse Analyses; Philosophy of Germanic and Non Germanic Languages; Lingual Communication, Cultures, and, Civilizations with their influence on Urdu; Composition, Comprehension, Precis, and, Summarization Expertise; Translation Philosophical Theories and their deviant fallouts; Philosophy of Alphabets and Characters in Phonics; Philosophy of Phonetic Sounds of Voices of Letters and Characters; Universal Encoding and Decoding Adeptness for all Languages; Proficiency in Language Mathematics and Linguimetrics; Adeptness in Musicological Linkage between Language, Linguistics, Philosophy, Literary Philosophy, and, from Vernacular of Language and Literature to pinnacles; Philosophy of Letters, and, Characters, in line with their shapes.</p>