

EMPLOYMENT NOTIFICATION No. 5P/DR/CRDA/2015

Andhra Pradesh Capital Region Development Authority::Vijayawada

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Website: www.crda.ap.gov.in

Rc.No.C8-1158/2015

Dt.23.05.2015

Notification is hereby issued for filling up of the following positions in APCRDA, Vijayawada. On line applications are invited from the eligible candidates through application available on www.crda.ap.gov.in from 26.05.2015 to 10.06.2015 for direct recruitment.

- Name of the Position** : Statistician – (3PGOS)
- No. of Posts** : 1
- Educational Qualifications** : Masters in Applied Statistics or Masters in Operational Research
- Experience** : 5 years in Applied Statistics or Operational Research. Experience certificate issued by public sector organizations or companies with turnover not less than Rs.100 crores per annum during the period from 2012-2015 shall be produced as and when required or at the time of verification.
- Pay Scale** : 31460-84970
- Reservation** : OC – 1
- Age as on 01.07.2015** : 18 – 40 years
- Competencies** : Refer prospectus.

Online application is available in the website www.crda.ap.gov.in . Only online applications are accepted. The online applications can be submitted from 26.05.2015 to 10.06.2015.

For prospectus and other details please visit the web site www.crda.ap.gov.in

Date: 23.05.2015
Place: Vijayawada.

Commissioner
AP CRDA, Vijayawada.

PROSPECTUS

1. Note to the Candidates:

- ⌚ The applicants must compulsorily fill up all columns of application and submit through website only.
- ⌚ The complete applications received online within the due date and time shall only be considered.
- ⌚ The APCRDA will not be held responsible for any kind of discrepancy.
- ⌚ Applicants must compulsorily upload his / her own scanned photo and signature.
- ⌚ The applicants should not furnish any particulars that are false, tampered, fabricated or suppress any material information while making an application through website.
- ⌚ Hand written / typed / Photostat copies / printed application form will not be entertained.
- ⌚ All the essential certificates issued by the competent authority shall be compulsorily kept with the applicants to be produce as and when required and on the date of verification. If the candidate fails to produce the same, his / her candidature is liable to be rejected without any further correspondence.
- ⌚ Recruitment will be made to the vacancies notified only, there shall be no waiting list.
- ⌚ Caste and Community certificate issued by the competent authority should be submitted at appropriate time. BCs, SCs and STs belonging to other state are not entitled for reservation.
- ⌚ In case of doubt regarding recognition of degree, the proof of recognition that their degrees / universities have been recognised, rests with the candidate.
- ⌚ In case of doubt regarding experience, matter will be referred to the public sector units or any company for genuineness. If it is found that the information furnished by the candidate is false or fabricated, necessary criminal proceedings will be initiated against the candidate.

2. Age: The candidate shall complete 18 years and shall not be more than 40 years of age.

The upper age limit prescribed above is relaxable in the following cases.

S.No	Category of Candidates	Relaxation of age Permissible
1	Retrenched temporary employees in the State Census Department with a minimum service of 6 months.	3 years
2	A.P.State Government employees (Employees of APSEB, APS RTC, Corporations, Municipalities etc., are not eligible)	5 years based on the length of regular service.
3	Ex-Service men	3 years & length of service rendered in the armed forces.
4	N.C.C. (who have worked as Instructor in N.C.C)	3 years & length of service rendered in the N.C.C.
5	SC/ST and BCs	5 years
6	Physically Handicapped persons	10 years

3. Procedure For Selection:

Written Test: Objective type examination based on the syllabus mentioned hereunder will be conducted for 80 marks. There will be 80 multiple choice questions each carrying one mark.

Group Discussion /Interview: Group Discussion / Interview will be conducted for 20 marks.

All the candidates will be screened in the written test and 3 times of the number of posts to be filled up will be called for Group discussion / Interview. The candidates shall produce all essential original certificates for verification at the time of Group Discussion / Interview.

Merit list will be prepared by adding both written and group discussion / interview marks put together and selection is made.

4. Syllabus:

- ⌚ Mathematical Analysis - Linear Algebra- Probability Distributions – Calculus- Numerical Analysis and Programming – Probability theory - Regression Analysis – Binomial, Poisson, Geometric, Exponential and Normal distributions and their properties, method of least squares, correlation and regression, introduction to sampling, sampling distributions and tests of significance based on t, Chi square and F-distributions. Parametric Inference - Multivariate Analysis - Stochastic Processes. Problems based on the Application of Fuzzy Logic.
- ⌚ Definition & scope of Operational Research, Convex sets, Extreme points, Convex and concave functions, properties, Formulation of simple Linear Programming Problems, Simplex method and basics of Duality. Primal and Dual LPP problems – Properties - Dual Simplex Method - Sensitivity analysis - Discrete changes in cost vector in requirement vector – Coefficient-matrix Parametric programming - Parameterization of cost vector and requirement vector. Characteristics of Inventory System, Simple Economic Lot Size Inventory models, Reorder Level, Simple single period Stochastic Inventory Model. Definition of Queues and their characteristics, Queueing Models with Markovian Input and Markovian Service, M/M/1 & M/M/C Queueing Models. Definitions of Reliability, Availability, Reliability of multicomponents systems, failure time distributions: exponential and Weibull.
- ⌚ Competencies as mentioned in the prospectus.

5. Last Date For Application: 10.06.2015

6. Date Of Written Examination: The date of written examination will be intimated later.

7. Venue of Examination: The Venue of examination will be intimated later.

8. Interview date and venue: The interview date and venue will be intimated later to those who are qualified for group discussion / interview.

9. Instructions to the candidates:

- ⌚ The candidates must note that his / her admission to the examination is strictly provisional. The mere fact that an admission has been issued to him / her to the written examination does not imply that his / her candidature has been finally cleared by the APCRDA or that the entries made by the candidate in his / her application have been accepted by the APCRDA as true and correct. The candidates shall have to be found suitable after verification of original certificates and other eligibility criteria.

10. APCRDA's decision to be final:

The decision of the APCRDA in all aspects and in all respects pertaining to the application and its acceptance or rejection as the case may be, conduct of examination and at all consequent stages culminating in the selection or otherwise of any candidate shall be final in all respects and binding on all concerned. The APCRDA reserves its right to alter and modify regarding time and conditions laid down in the notification for conducting the various stages up to selection duly intimating details thereof to all concerned as warranted by any unforeseen circumstances arising during the course of this process or as deemed necessary by APCRDA at any stage.

11. Competencies required for the post of Economist – (1-PGOS)

Knowledge

Mathematics	Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications.
Computers and Electronics	Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.
English Language	Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.

Skills

Mathematics	Using mathematics to solve problems.
Critical thinking	Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
Reading comprehension	Understanding written sentences and paragraphs in work related documents.
Active listening	Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
Active Learning	Understanding the implications of new information for both current and future problem-solving and decision-making.
Complex problem solving	Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.
Judgment and decision making	Considering the relative costs and benefits of potential actions to choose the most appropriate one.
science	Using scientific rules and methods to solve problems.
speaking	Talking to others to convey information effectively.
Programming	Writing computer programs for various purposes.

Abilities

Mathematical Reasoning	The ability to choose the right mathematical methods or formulas to solve a problem.
Deductive reasoning	The ability to apply general rules to specific problems to produce answers that make sense.
Inductive reasoning	The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).
Number Facility	The ability to add, subtract, multiply, or divide quickly and correctly.
Information ordering	The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).
Near Vision	The ability to see details at close range (within a few feet of the observer).
Oral comprehension	The ability to listen to and understand information and ideas presented through spoken words and sentences.
Oral expression	The ability to communicate information and ideas in speaking so others will understand.
Written comprehension	The ability to read and understand information and ideas presented in writing.
Problem sensitivity	The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.

Tools

Desktop computers	
Notebook Computers	Laptop computers
Personal computers	

Technology

Analytical or scientific software	R software / SAS software
Data base user interface and query software	IBM DB2; Microsoft Access; Oracle software; Structured query language SQL
Data mining software	Angoss KnowledgeSEEKER; NCR Teradata Warehouse Miner; SAS Enterprise Miner
Development environment software	Common business oriented language COBOL; Formula translation/translator FORTRAN; Microsoft Visual Basic
Object or component oriented development software	C++; Python; R ; Sybase PowerBuilder
Object oriented data base management software	Microsoft Visual FoxPro
Spreadsheet software	Microsoft Excel

Commissioner
AP CRDA, Vijayawada