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by Gonit Sora - Tuesday, December 03, 2013

http://gonitsora.com/statistics-and-employment/

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‘Statistics’ ?????? ????? ???? ‘Status’ ? ??? ????? ????? ??????? ???? ????? ?????? ??? ????? ??????? ???? ?????? ????????? ???? ??? ?????? ??????? ???? ?????? ‘Statistics’ ?????? ????? ‘Statistic’ ???????? ???? ??????? ?????? ????????? ????????? ????? ??????, ???????? ??? ????????? ???????? ??? ???????? ??????? ??????? ??? ??? ?????? ????????? ??? ????????? ????? ????? 'Statistics' ??????? ?????? ?????? ??????? ??? ??? ???????????? ??? ????????? (Vital Statistics), ?????? ????????? (Labour Statistics) ???? ????????? ???????? ????? ?????? ???? ??? Dr. W. F. Willcox ???? ??? ????????? ????? ?????? ?????? ?????? ??? ?????? ???? ??? ???? ???????? ???? ???? ????? ????? ??????? ????? ??????? ???? ????????? ???????? ??? ???? ???? ???? ????? ?????? ????? ?’?? ??????? ???? ??? ???? ????????? ???????? ????? ???? ?????? ?????? ???? ??????? ??? ???? ????? ???? ???????? ?????? ??????? ???????? ?’??? ?'?? ???? ????????? ???????? ??? ????? ????????? ????? ?????? ?????? ???????? ??? ??????? ????????? ???? ???????? ??? ?????????? ????????? ??? ????????? ??????? ???? ??????? ????? ??? ??????? ???????? ????????? ??????? ???? ??? ????? ????????? ????????? ????? ??? ????— ???????????? ???????? ???? ??????, ???? ???????? ??? ????????? ???? ????????? ?????? ??????????????? ??? ??????? ??????, ??? ??????? ?????????? (Consultant) ??? ???? ?????? ?????????? ?????? ??????? ????????? ???????? ????????? ??. ??. ??? ?????? ????????? ??????? ???????? ????? ????? ???? ?? ???? ?????—

“Statistics is not an independent discipline like Physics, Chemistry, Biology and Mathematics. A Physicist solves a problem in Physics by using the available knowledge in Physics. The same is true of Chemistry, Biology or Mathematics. Each of disciplines has problems and methods of its own solving them. There is nothing like problem is Statistics which can be solved by using available knowledge in Statistics. Statisticians can help other scientist in the investigation of their problem, especially in designing experiments, collecting data and extracting information from data for testing hypothesis or estimating an unknown parameter or providing clues for further investigation. This usually involves research in evolving new statistical methodology appropriate to the scientist’s problem, thus enriching Statistical theory and application.

The nature of problems in any discipline changes overtime and become more complicated as our knowledge of the subject increases. This often requires the development of a more comprehensive statistical methodology for designing experiments and drawing inferences from the data....”

(Ref: Message, International Conference on Development and Applications of Statistics in emerging area of Sc. and Tech., Dec. 8-10-2010, University of Jammu, Dept. of Statistics.)

Image Source : Shutterstock

???? ???????? ??? ????????? ????????? ????? ?????? ?????? ??? ??? ????? ????— ‘Pure Statistics’ ?? ????? ????????? ???????? ?? ?????? ‘Mathematical Statistics’ ?? ‘Theory of Statistics Applied Statistics’ ??????? ??? ???? ???? ????— ????????? ????????? ??????? (Applied Statistics)? ????? ???????????? ??? ???? ?????????? ???? ???? ?????????? ?????? ??????? ???? ????????? ???????????? ??? ???? ?? ?????? ???????? ?????????? ??????? ??? ??????? ????? ??????? ?????? ???? ?????? ?????? ????? ????????? ????????? ???????? ?’??? ?’?? ????? ????????? ???????? ??????? ???????? ???? ??? ??????? ????? ????????? ????????? ??????? ????? ??????? ???? ??? ????? ??? ? ???? ???? ???????? ???? ????? ????????? ????????? ???????? ???????? ??? ?????? ??? ?’?—

(?) ???????? (Business) ??? ????? ????????, ????— ???????? (Economics), ???? ???? (Life Insurance), ??????????? (Industry), ??????? (Marketing), ????????? ??????? (Computer Science) ????

(?) ?????? ???????? (Physical Science) ??? ????? ????????, ????— ????? ??????? (Chemistry), ?????? ??????? (Physics), ?????????????? (Astronomy) ????

(?) ?????????? (Medicine and Health Science) ??? ????? ????????, ????— ???????? (?????) ????? (Genetics), ??? ????? ?????? (Clinical trials), ???????? ??? ??????? (Epidemiology), ????????? ?????? ??? ??????????? (Health Care Quality Control), ??? ?? ???? ??????? (Pharmacology) ????

(?) ??????? ?? ?????? ??? ????? ????????, ????— ???? (Census), ????????? ??????? (Sample Survey), ????????? ??????? (National defense), ??? (Law), ??????? (Politics) ????????

??????? ???? ??????? ????????? ???????? ?????? ?????????? ?? ??? ???? ????? ???? ????????? ??? ?????? ?’? ????? ?? ???????? ???? ?????? ??????? ???? ??????????, ?????? ??????????? ??????? ???????? ????? ??????? ??????????

??????????? ?????? ?’? ????:

??????????? ?’??? ?’?? ????????? ???????? ?????? ????? ?????? ???? ???????, ????????? ???????? ?????? ??? ????? ???? ?? ?? ??????? ??? ????? ??????? ??????? ??????? ???? ????????? ??????? ?????????????????? ????????? ??????? ?????? ??????, ??????????? ?? ???? ???? ?????? ??????? ?????? ???? ?????? ????? ????????? ??????? ????? ???? ?????? ??????? ???????? ???? ?????? ????????? ??????? ?????????? (Indian Statistical Institute)? ?? ?????????? ???? ???? ????? ???????? ?????? ???????? ?????? ????????? ??????? ????????? ??????? ????????? ??????? ??????????? ????? ??? ????????? ????? ?????? ??????? ?????? ?????? ???????? ????? ???????? ????? I.S.I. Act 1959 ?? ????? ?????? ???? ????????? ??????????? ??????? ?????? ??? ???????????? ?????? ????, ?????? ??? ???? ??????? ?????? ???? ???????, ????????? ??? ???? ??????? ????, ???? ?? ?????, ???? ?????? I.S.I. ? ?????-??? ??????? ??????? ????????? ?????? ????????? ????? ??? ????????? ????? ??? ????? ??????????? ??? I.S.I. ?

?????? ??????? ????? ???????? (??????? ??????????) ???????? ?????? ?????? ?? ?? ????????? ?????-??? ?????? ??????? ?????????? ?????? ????, ????????? ???????? ?????? ????? ???? ???? ??? ?????? ?? ??? ???? ???? ??? ????????? ?????? ????? ??? ???? ??? ??? ??? ?? ????????? ????????? ??? ???? ??? ??? ???? ?????-???? ???? ???????? ?? ?????????? ??? ?????? ?????? ???????? ?????? ????? ????? I.S.I. ? ??? ??????? ??????? ???? ??????? ???? ?????? ?? ?????????? ?????? ??? ????????? ??????? ????? ?? ???? ??? ????????? ????—

1) Statistical Quality Control and Operation Research

2) Computer Science and Mathematics

3) Theoretical Statistics and Mathematics

4) Applied Statistics

5) Physics and Earth Science

6) Biological Science

7) Social Science

8) Library Science, Documentation and Information Science

9) Teaching and Training

10) Administrative Service

???? ???????? ??? ????????? ????????????? ????????? ??????? ????? ??.??.??. (??????????) ??????, ??.???. ?????? ??? ??.???.??. ?????? ??????? ???????? ???? ??? ????????????? (?????) ???? ?????? ?????????? ?????? ????? ???????? ???? ????? ????????? ???? ????????????? ????? ???? ????????? ????????????? ????????? ??????? ???????? Industrial Quality Control ????? ??????? ????????? ?????? ????? ?????? ????

???????????? ?????? ??????:

??? ??????? ???????????? ?????? ?? ???????? ????????-?????????? ????? ??? ????? ????????? ????????? ???????? (National Sample Survey) ???? ???? ????? ????? ????? ?????? Directorate of Economics and Statistics ? ????? ???????????? ???? ??????? ????? ???? ?????? ?????, ???? ??????? (Acturial Science) ???? ??????? ??? ???? ?????? ?????? ???? ??????? ???? ???? ????????? ????? ???????? ?? ???????? ????? ????? ???????? ??????? HDFC, Max New York, Tata AIG, Aviva Life, SBI Life, Birla Sunlife, IFFCO, Reliance, Mohendra ??? ???? ???????? ?????????? ???? ???????? ????? ????????? ?? ??????

????????? ??????? (Scientific Research) ??????????? ????? ??? ????????? ???????, ????? ?????? ??????? ???? ???? ???? ??? ????? ???????-???????, ??????????, ???-??????, ????????? ??????, ?????? (Manufacturing), ???????????, ???????????? ????????, ???????? ??? ??????? (Epidemiology), ???? ??????? (Pharmacology), ????? ??????? (Generitics), ???? ?? ????????????? ?????? ?? ????? ??????, ?????? ?????? ??? ??????? ?????? ??????, ??? ?????? ?????? ???????? Indian Statistical Survey ?? Indian Economics Service ? ???????? ?'?? ??????? ?????? ???????????? ????? ???? ????????? ???????? ?????-?????????? Internet ???? ???? ???? ?? ??? ????? ???? ???????? ??????? ??? ?'? ?????? ?????? ??-?????, ??????? ?????? ???? ???? ?????????? ????? ???? ?????? ???? ???? ????????? ??????? ????????? ????????? ???????????? ?????? ???????? ??????? ????? ????? ???? ????? ????? ??? ???? ???? ?????? ??? ??????? ?????? ?????? ??????

?° ???????? ?????? ?????

???????, ?????????-??????? ?????, ????????? ????????????, ????

(??/??/???? ?????? ???????? ????????? ??????? ???? ???????? ?? ???????? ***???? ?'???*** *?????? ?????? ?????? ?????? ??? ????* ***?° ???????? ?????? ????????*** *??????? ?????? ??????? ????????? ??????? ???????? ??????? ????-????? ???????? ???? ???????? ??? ???????? ??????? ?????????? ??????? ??????? — ???????, ???? ?'???)*

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