ANNOUNCEMENT

CEP SHORT TERM COURSE

On

Understanding Your Data: Analytical Tools
(30th Nov -1st Dec 2018)

Organized by

Department of Humanities & Social Sciences
Indian Institute of Technology Patna
Amhara Road, Bihta
Bihar-801103

INTRODUCTION

The information available for decision making exploded in recent years, and will continue to do so in future, probably even faster. Some of the information can be analyzed and understood with simple statistics, but much of it requires more complex, multivariate statistical techniques to convert these data into knowledge. Data analysis has multiple facets and approaches, encompassing diverse techniques under a variety of names, while being used in different business, science and social science domains. It involves inspection, cleaning, transformation and modeling of data. Data analysis techniques are popular as they enable organizations to create knowledge and thereby improve their decision making.

OBJECTIVES

➢ To explain about the use and application of data analysis techniques in various areas of study such as management, psychology, economics and other areas of social sciences.

➢ To impart knowledge of tools and techniques of decision making to practitioners and Ph.D. scholars of various management and engineering institutes.

➢ To equip Ph. D scholars / academicians and Industry personnel with the basic and advanced tools of research.

➢ To give hands-on training on statistical packages used for data analysis

COURSE CONTENTS

The present course aims to offer:
- Introduction to Data Analysis
- Data processing and cleaning
- Univariate Data Analysis
- Descriptive Statistics
- Inferential Statistics
- Bivariate Data Analysis
- Multiple Regression Analysis
- Mediation and Moderation Analysis
- Softwares used: SPSS, STATA

TARGET AUDIENCE

The course would be mostly useful for faculty members, research scholars and other researchers who are in need of support in analyzing their data for their PhD or other publication work. This course will also be useful to industry practitioners who are required to make number of business decisions on day to day basis.

COURSE COORDINATORS

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Indian Institute of Technology Patna
Bihta – 801106
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HOW TO APPLY

Scanned copy of the filled in Registration Form should be sent to richa.chaudhary@iitp.ac.in or meghna@iitp.ac.in on or before November 14, 2018. Since, the number of seats is limited, early registrants will be given a preference.

PROGRAMME FEE

Corporate	7,000/-
Academicians/Faculty/Research Scholars	5,000/-

Programme fee includes admission-cum tuition fee. A Certificate of participation from IIT Patna will be awarded to all participants after successful completion of the course.

FEE PAYMENT

The Participation fees for the CEP programmes will be accepted only through Demand Draft drawn in favour of "Indian Institute of Technology Patna" or e-transfer /RTGS/ NEFT. Personal cheque will not be accepted in any case.

The fee may be sent by Bank Transfer into the following account with a scanned copy of the payment receipt being sent to richa.chaudhary@iitp.ac.in/meghna@iitp.ac.in

Name of the Account: Registrar, IIT Patna
Bank: State Bank of India,
Branch: IIT Patna, Bihta
Bank Account No.: 30957551934
MICR Code: 801002005
Swift code: SBININBB156

Beneficiary: Indian Institute of Technology Patna
Bank Telephone: 0612-3028062
IFSC: SBIN0017164
Account Type: Savings A/c

IMPORTANT DATES:

Last date of Registration	10th November 2018
Last Date of Payment	15th November 2018
Participant Confirmation	20th November 2018

ACCOMMODATION

There is a limited availability of accommodation in IIT Patna hostels for student participants at an affordable rate, which will be offered on a first-come-first served basis. Besides, there are several hotels and guest-houses around IIT Patna where the participants may stay during the course.

ABOUT IIT PATNA

IIT Patna is an institute of National importance by an Act of the Indian Parliament in 2008. It is ranked 108 among BRICS nations by the QS World University Rankings of 2018. It is ranked 24 among engineering colleges in India by the National Institutional Ranking Framework in 2018. IIT Patna's campus is located at Bihta, 35 km from Patna and 20 km from Ara, at a 501 acres site. The nearest railway station is Bihta, 2 km from the campus. IIT Patna has good road connectivity to and from Patna and Ara. Regular bus services have been provided by the Govt. of Bihar from Gandhi Maidan, Patna to IIT Patna campus. The nearest airport to reach IIT Patna campus is Jai Prakash Narayan Domestic Airport, Patna, which is located 5 km southwest of Patna.

COURSE REGISTRATION
CEP SHORT TERM COURSE ON UNDERSTANDING YOUR DATA: ANALYTICAL TOOLS

1. Name: _____
2. Date of Birth: (DD/MM/YYYY)_____
3. Sex (M/F):_____
4. Designation:_____
5. Organisation:_____
6. Address for correspondence_____
_____
_____
_____
7. Email:_____
8. Phone/Mobile:_____
9. Highest Academic Qualification:_____
10. Specialization:_____
11. Details of fee payment (Reference no., date of payment, amount etc.):_____
_____
_____
Date:_____
Place:_____
Signature_____