Advances in Data and Web Analytics

Saturday, December 16 to Wednesday, December 20, 2017

GIAN — GLOBAL INITIATIVE OF ACADEMIC NETWORKS

Malaviya National Institute of Technology, JLN Marg, Jaipur 302017 Rajasthan India

Ministry of Human Resource Development (MHRD)
Government of India

सत्यमेव जयते

Patron

Prof. Udaykumar R. Yaragatti
Director, MNIT Jaipur, Rajasthan

Conveners

Dr. Girdhari Singh,
Head of Department, CSE, MNIT Jaipur

Coordinators

Prof. M. C. Govil,
Director, NIT Sikkim,
Ravangla, Sikkim

Dr. Namita Mittal,

Dr. Pilli Emmanuel Shubhakar,

Dept. of CSE, MNIT Jaipur

Objectives of the Course

- Providing participants with the data and web analytics skills applicable to many real-world applications that are backbone to modern human living
- Exposing participants to advanced problem solving, analysis and design skills and building their capacity to identify appropriate analytics problems and integrate analytics solutions into business and technical infrastructures of organizations
- Enhancing the capability of the participants to plan and manage analytics projects effectively and avoid pitfalls in data preparation, modeling, and results interpretation
- Building in confidence and capability amongst the participants to Work collaboratively in small groups in order to maximize efficiency of managerial decisions related to enterprise data analytics projects.

Registration Deadline

November 17, 2017

Confirmations will be sent as and when the complete applications are received

Course Contents

Introduction to Data Mining, Data Preparation for Knowledge Discovery, Predictive Data Mining, Advanced Predictive Data Mining, Clustering, Link Analysis, Text Mining, Web Mining, Social Network Mining, Big Data Mining

Who should attend?

- Executives, Engineers and researchers from Manufacturing, Service and Government Organizations including R&D laboratories.
- Student at all levels (Btech / MSc / M.Tech / PhD) or Faculty from academic institutions and technical institutions.

Number of participants for the course will be limited to sixty. Selection of participants shall be on "First Come First Served" basis.

Invited Speaker

Dr Richi Nayak is Associate Professor and Higher Degree Research Director in Electrical Engineering & Computer Science School at Queensland University of Technology, Brisbane, Australia. She is an internationally recognized expert in Data Mining, Text Mining, Web Intelligence and combines her knowledge with disciplines such as Science, Engineering and Social Science,, to enhance or change their practices and methodologies. She is a steering Committee member of the Australasian Data Mining committee. She is recipient of the 2016 WiT Infotech Outstanding Achievement Award for her exemplary services to the field of Information Technology.

Course Registration & Course Fee

GIAN Portal Registration Fee: Rs 500/- (mandatory for all participants)
Registration to the GIAN portal is one time affair. One time Non-refundable fee of Rs 500/- is to be charged for this service. This is not the participation fee. You are required to apply online using the following steps:
1. Create login and password at http://www.gian.iitkgp.ac.in/GREGN/index
2. Login and complete the Registration Form and select Course(s)
3. Confirm application and pay Rs. 500/- (non-refundable) through online payment gateway.
4. Download "pdf file" of the application form and email it to the Course Coordinator.

Registration Fee (exclusive of GIAN Portal Registration Fee)
- Participants from abroad :   US $100
- Industry / Research Organizations :   Rs   5000
- Faculty from other Academic Institutions: Rs   4000
- Students from other Academic Institutes: Rs   2000
- Faculty/Research Scholars (MNIT):   Rs   1000
- Postgraduate / Undergraduate students (MNIT) :   NIL

The above fee includes all instructional materials, computer use for tutorials, 24 hours free Internet facility. The participants will be provided with accommodation on payment basis.

Fees may be paid via **Demand Draft** in favor of "**Registrar (Sponsored Research) MNIT Jaipur**" or through **National Electronic Funds Transfer (NEFT)** into Account No.: 676801700388, of "**Registrar (Sponsored Research) MNIT Jaipur**" Bank: ICICI Bank, Branch MNIT Jaipur, IFSC Code: ICIC0006768.

Email filled in **"Registration Form"**, scan copy of **"Demand Draft/ NEFT Transaction Receipt"** and **PDF file** (downloaded from GIAN Portal Registration) to nmittal.cse@mnit.ac.in.

Please mention "GIAN (Advances in Data and Web Analytics) in Subject and Email on / before **Nov 17, 2017.**

Coordinator

Dr. Namita Mittal is Assistant Prof. in Department of Computer Science and Engineering, MNIT Jaipur. She is recipient of Career Award for Young Teachers (CAYT) by AICTE. Her current research areas are Data Analytics, Information Retrieval, Data mining and NLP. She has published several research papers in reputed international conferences and journals. She is also a member of review committees for Refereed journals/ conferences. She is Senior Member of IEEE, Member of ACM, CCICI and SCRS. She has published one Springer's Book, few Book Chapters, several SCI indexed Journal papers and reputed conference papers.

Accommodation

Limited Accommodation is available in Guest House / Hostels. For queries please contact the Coordinator, Dr. Pilli Emmanuel on **+91 954 965 8131** and **espilli.cse@mnit.ac.in**

Coordinator

Dr. Mahesh Chandra Govil is Prof in Computer Science and Engineering Department at MNIT Jaipur. He is currently working on deputation as Director, National Institute of Technology Sikkim. His current research areas are Real Time Systems, Cloud computing, Parallel & Distributed Systems, He has published several research papers in reputed International Conferences and Journals. He is also a member of committees like IEEE, ISTE and IETE.

Coordinator

Dr. Pilli Emmanuel Shubhakar is Asst. Professor in Computer Science and Engineering Department at MNIT Jaipur. Hos areas of interest – Security Forensics, Cloud Computing, Big Data & IoT. He is a Senior Member of IEEE and an active member ACM, CCICI, CSA and CSI.