Recommender System @ NIT Rourkela
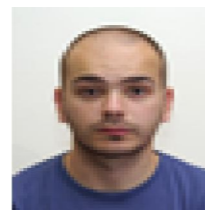
5 – 16 December, 2016

About GIAN

GLOBAL INITIATIVE OF ACADEMIC NETWORKS

Govt. of India introduced a new program titled Global Initiative of Academic Networks (GIAN) in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence.

About the course

Recommender System (RS) copes with the information overload problem by providing personalized suggestions for products or services to individual user filtering through large product or item or service space in today's information age.

RS collects information on the preferences of its users for a set of items. The information can be acquired explicitly (by collecting users' ratings) or implicitly (by monitoring users' behavior, such as songs heard, applications downloaded, web sites visited and books read). RS may use demographic features of users (age, nationality, gender). RS also makes use of social information commonly used in Web 2.0 such as followers, followed, tweets, and posts. Building a recommendation engine needs knowledge in various fields such as Data Mining, Machine Learning, Statistics, Human Computer Interaction, etc.

Registration Steps

1. Please follow the link below for registering the course on or before 25th November 2016.
http://www.gian.iitkgp.ac.in/GREGN/index

2. The registration fee has to be paid through a Demand Draft which should be drawn in favor of 'Continuing Education, NIT Rourkela' payable at SBI, NIT Rourkela Branch (Code: 2109).

3. Please add the DD number and other details in the following form.
http://goo.gl/forms/biScSbU1cWG1ov772

4. Please send the DD and registration copy (from GIAN) by post to Dr. Bidyut Kumar Patra, Department of Computer Science & Engg, NIT Rourkela, Rourkela – 769008. The DD and the registration copy must reach the coordinator on or before 25th November 2016.

Course Instructor

Dr. Antonio Hernando is a faculty in Engineering System and Automation at Universidad Politécnica de Madrid, Madrid, Spain. He earned his PhD in Artificial Intelligence from University of Madrid, Madrid, Spain. He is the principal investigator of several machine learning projects at UPM. Currently, he is handling projects obtained from National Government of Spain such as *customized recommender system for healthy life styles, ONTIC: Online Network Traffic Characterization*, etc. He is the leader of the research group Intelligent System for Social and Virtual Environments at UPM. His research interests include Data Science, Machine Learning, Complex Network, Recommender Systems.

You should attend if..

• You are graduate or undergraduate student in Electronics, Computer Science, Electrical, Mathematics, and Statistics.

• You are a data scientist and working with e-commerce company or want to pursue your career as a data scientist.

• You are a Ph.D. student or faculty from academic institution interested in learning how to do research on Recommender System or how to apply Machine Learning Techniques in Recommender System.

Registration Fee

The participation fee for taking the course is as follow:

Participants from abroad: US $500

Industry/ Research Organizations: INR 10000

Academic Institutions (Faculty): INR 3000

Students: INR 2000

The registration includes instructional materials, computer use for tutorials, assignments, laboratory equipment and internet usage charges. Registration does not include food and accommodation. However, it can be provided on payment basis.

Organized by

Department of Computer Science and Engineering National Institute of Technology Rourkela, Odisha, India.

Course Coordinators

Dr. Bidyut Kumar Patra is a faculty in the Department of Computer Science and Engineering at National Institute of Technology Rourkela. He earned his Ph.D. degree in Computer Science and Engineering from IIT Guwahati. He was awarded Marie-Curie Fellowship for conducting Postdoctoral Research in Finland. His research areas include recommender systems, machine learning and data mining.
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Dr. Korra Sathya Babu is a faculty in the Department of Computer Science and Engineering at National Institute of Technology, Rourkela. He obtained his Ph.D. degree in CSE from NIT Rourkela. His current research interests include data analytics, privacy, social computing and natural language processing.

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Course Schedule

Duration	Modules
5 - 10 Dec, 2016	Basic Concepts and Techniques
12 - 16 Dec, 2016	Advanced Topics and Evaluation

Further Details at http://nitrkl.ac.in/Academic/1Department/cs/CEP/RecommenderSystem.aspx