

**SHORT TERM COURSE ON  
RECOMMENDER SYSTEM  
13-17 November 2017**

Recommender System helps business to increase their sales through cross-selling and advertisements. It discovers information about the items that are likely to be of interest to the users. More than 35% of product sales come from recommendations in Amazon.com, 66% of movies rented in Netflix are recommended ones, 38% more click-throughs are generated from recommendations in Google News. All these statistics tell about the importance of recommender system in the present day both from the perspective of end-user and industries running an online business. There are many challenges in designing the most suitable recommender systems in the context of specific real world scenarios. It opens the door of broad research opportunities in this application area of machine learning. Proposed course is designed to benefit both industry and academic participants by introducing the theoretical foundations and providing hands on practices for design and implementation of Recommender Systems.

**Program Venue**

**Department of Industrial & Systems Engineering  
Indian Institute of Technology Kharagpur  
West Bengal, India, 721302**

**Important Dates**

**Registration: 31st Oct, 2017  
Start of Course: 13th Nov, 2017**

**Course Fee**

Category-I: Academic Student: Rs. 3,000/-  
Category-II: Academic Faculty: Rs. 10,000/-  
Category-III: Industry Participant: Rs. 15,000/-

**Eligibility**

Category-I: Students from Academic Institutions.  
Category-II: Teachers from Academic Institutions.  
Category-III: Participants from the Industry working in related fields.

**Content-based Recommender System**

**Collaborative filtering based Recommender System**

**Trust or Social Network based Recommender System**

**Hands-on Project using python**

**Course  
Content**

**ORGANIZED BY  
E-BUSINESS CENTRE OF EXCELLENCE  
DEPARTMENT OF INDUSTRIAL & SYSTEMS ENGINEERING  
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR**



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