1. Pre-Registration Google Form: [https://goo.gl/iRj1q8](https://goo.gl/iRj1q8)
2. Filled-in registration form should be attested by the head of the institution and submitted through post/courier.
3. Number of seats are limited. Selection of the applications will be based on first-come-first-serve.

### REGISTRATION FEES

<table>
<thead>
<tr>
<th>Category</th>
<th>Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participants from AICTE approved Institution</td>
<td>Rs. 1000 (REFUNDABLE)</td>
</tr>
<tr>
<td>Participants from industry / non-AICTE Institution</td>
<td>Rs. 3000</td>
</tr>
</tbody>
</table>

Registration fee includes Course kit, Refreshment and Working lunch. The crossed demand draft drawn in favor of “The Principal, Thiagarajar College of Engineering” payable at Madurai.

### TRAVELLING ASSISTANCE

Only for outstation participants

<table>
<thead>
<tr>
<th>Category</th>
<th>Travelling Assistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>From AICTE approved Institution</td>
<td>Provided as per AICTE Norms (shortest route from place of work)</td>
</tr>
<tr>
<td>Others</td>
<td>On their Own</td>
</tr>
</tbody>
</table>

### ACCOMMODATION AND BOARDING

Outstation faculty from AICTE recognized institution will be provided shared accommodation with food in the hostel on non-chargeable basis. Other Participants have to arrange their own accommodation.

### ADDRESS FOR COMMUNICATION

Dr. M.K.Kavitha Devi,
Department of Computer Science & Engg.,
Thiagarajar College of Engineering,
Madurai - 625015. Tamilnadu.
Mail-id: mkkdit@tce.edu
Mobile No.: 9842093048

### ABOUT FDP

The massive scale of data on the Internet today makes it difficult for users to find relevant information. Context-Aware Recommender System helps to provide personalized information according to the users’ needs, preferences and contextual information such as time, location, current weather or the company of other people.

### OBJECTIVE OF THE FDP

The objective of this FDP is to discuss how to identify, acquire and incorporate relevant contextual information in recommender systems with adequate lectures, demos, case studies and hands on using tools and open source techniques.

### TOPICS TO BE COVERED

- **Introduction to Recommender System (RS)**
  - Content, Collaborative and Context Based RS.
- **Context Acquisition**
  - Real Time Context (Sensor Data)
  - Stored Context / Preference (Cloud, Software, Web, Network, User)
- **Context Modelling**
  - Ontology based Modelling
- **Context Inference**
  - Contextual pre-filtering (Dimensionality reduction, Item splitting)
  - Contextual post-filtering (Ranking)
  - Contextual modeling (Matrix Factorization, Deep Learning)
  - Machine Learning Algorithms
- **Building Recommendation Engine**
- **Supporting Language / Platform**
  - Python
  - Apache Hadoop
  - Apache Flink
  - Alpenglow
  - Internet of Things
  - Cloud Computing

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AICTE SPONSORED
FACULTY DEVELOPMENT PROGRAMME ON
CONTEXT – AWARE RECOMMENDER SYSTEM IN CLOUD ENVIRONMENT
November 20th – December 3rd, 2017

Coordinator
Dr. M. K. KAVITHA DEVI

Organized By
Department of Computer Science and Engineering
Thiagarajar College of Engineering
Madurai – 625 015, TamilNadu
www.tce.edu
THIAGARAJAR COLLEGE OF ENGINEERING
Thiagarajar College of Engineering (TCE), Madurai, an ISO 9001:2008 certified institution, affiliated to Anna University, Chennai, is one among the several educational and philanthropic institutions founded by Late. Shri Karumuttu Thiagarajan Chettiar, established in 1957. The college is funded by Central & State Government and Management. The courses offered in TCE are approved by AICTE, New Delhi. TCE was granted Autonomy in the year 1987 and has been accredited by NBA. TCE offers 8 undergraduate programmes, 13 postgraduate programmes and doctoral programmes in Engineering, Sciences and Architecture. 87 Recognized Research Supervisors are guiding around 350 research scholars for Ph.D degree under Anna University and other Universities.

ABOUT THE DEPARTMENT
The FIST Supported Computer Science and Engineering Department has Knowledge Engineering as its theme area. The UG and PG programmes offered by the Department is accredited by NBA. The Department has laboratories supported by Microsoft, INTEL, Yahoo and Red Hat. The Department has the privilege of having done many R&D projects from RCI, AICTE, UGC, DIT and DST. The Department was a consortium partner of CDBR-Smart and Secure Environment project sponsored by NTRO, New Delhi. The Department has collaboration with IBM, TCS, HP, VMWare, Adobe, CTS, Oracle and Honeywell. As a Prometric center, six International Certification programs are offered.

The Department is responsible for design and development of College Management Information System which has received many National Level Recognitions. The Department has experienced faculty members with PhD’s and Publication in National and International Journals.

VISION OF THE DEPARTMENT
Excellence in Computer Science and Engineering Education and Research.

TARGET AUDIENCE
- Faculty members working in AICTE recognized Engineering and Polytechnic colleges
- University Departments and colleges (non-recognized by AICTE)
- R&D Organizations
- Professionals from Industries

IMPORTANT DATES
- Late date of receiving applications: 8th November, 2017
- Notification to selected candidates: 10th November, 2017

RESOURCE PERSONS
- Prof T V Geetha, Anna University, Chennai
- Dr K Boopathi, Scientist, Center for Wind Energy Technology, Chennai
- Prof S Saraswathi, PEC, Pondicherry
- Prof K Saruladha, PEC, Pondicherry
- Prof Maunendra Sankar Desarkar, IIT Hyderabad
- Mr Shashank Gupta, IIT Hyderabad
- Mr G S Vijay Raaja, Khoslalabs, Bangalore
- Mr R Thirumalai Raj, San Disk, Bangalore
- Expert Members from Thiagarajar College of Engineering

REGISTRATION FORM
AICTE Sponsored Two Weeks FDP on CONTEXT – AWARE RECOMMENDER SYSTEM IN CLOUD ENVIRONMENT
November 20th – December 3rd, 2017

1. Name:
2. Designation:
3. Department:
4. Name of Institution/Industry:
5. Institution recognized by AICTE: Yes / No
6. Mailing Address:

7. Mobile No.:
8. Email:
9. Research Areas:
   Recommender System / Internet of Things / Data Modelling / Cloud Computing / Machine Learning /
   Others (..........................................................)

10. Accommodation required? YES / NO
11. DD Details: Amount Rs: DD No: Bank: Date:

Declaration
The above information is true to the best of my knowledge. I agree to abide by the rules and regulation governing the Short Term Course. If I am Selected, I shall attend the course for entire duration.

Place: Signature of the Participant
Date: Recommended and Forwarded

Signature & seal of the Sponsoring Authority