Preamble
“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry, and Andaman & Nicobar Islands. This academy’s role is to offer faculty development programs in standardized and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, curriculum development for the industry, CEP for working professionals, advice and support for technical incubation and entrepreneurial activities.

About the FDP
In the last two decades, the Agile methodology has been adopted by various software product and services companies. Organizations want to realize the benefits of Agile methodology, especially its incremental and iterative approach. The incremental and iterative approaches bring collaboration and coordination among software development teams. The collaboration and coordination are at upstream (requirements engineering, RE) and downstream (design, coding, and testing) phases of software development. It requires shared decision-making, teamwork, trust, and shared mental models. For both, the startup and enterprise organizations realizing the benefits of Agile methodology are indeed challenging.

In the FDP, the participants with case studies analyze and examine the startup and enterprise challenges in various contexts. Business roadmap, architecture, and RE are closely related to RE; therefore, case studies discuss contexts are also discussed. Technological advances are revolutionizing software applications, and RE is also changing. A few sessions on advanced topics such as NLP4RE and Bigdata discuss the advancements in RE.

Key topics and schedule (high level)
The below table lists the program’s key topics.

<table>
<thead>
<tr>
<th>Day 1 &amp; 2</th>
<th>Introduction; roadmap; iterative principles; architecture and RE; case studies</th>
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</thead>
<tbody>
<tr>
<td>Day 3 &amp; 4</td>
<td>Agile methodology; estimates; Org structure; advanced constructs; case studies</td>
</tr>
<tr>
<td>Day 5&amp;6</td>
<td>Org culture; SAFe; Agile in enterprise; product management; case studies</td>
</tr>
<tr>
<td>Day 7&amp;8</td>
<td>Advanced – NLP4RE, Bigdata; case studies; quiz</td>
</tr>
</tbody>
</table>

Intended Participants
The program is exclusively for academicians/practitioners working in software engineering or design and development. Academicians include faculty from institutes/colleges that offer programs in computer science engineering and management. Research scholars and postgraduate students in computer science/management programs are encouraged to apply. Please refer to the registration section for details.

Speaker(s)
Dr. K. Lakshminarayana – Assistant Professor, School of Management, National Institute of Technology Warangal.

Registration fee and other particulars
<table>
<thead>
<tr>
<th>Background</th>
<th>fee (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty and research scholars</td>
<td>500</td>
</tr>
<tr>
<td>Industry participants</td>
<td>1,500</td>
</tr>
</tbody>
</table>

The participant must pay the entire registration fee by online. For details, please refer below
A/C name: Electronics & ICT Academy NITW
Account number: 62423775910
Bank and Branch: State Bank of India, NIT(REC) Warangal
IFSC code: SBIN0020149
**Duration and venue**
Duration: 8 days; 5 hours per day  
Date: 21st Feb thru 1st Mar 2022  
Venue: Online (Cisco WebEx)

**Accommodation**
The program is entirely online; therefore, accommodation is not applicable.

**How to apply**
The registration form is a Google form and is available at  
https://docs.google.com/forms/d/1Eq1fKRIWOGg5MhBT3sEUdBAj8CSZsyl22S2UzHKUCIre/edit.  
The form requires you to enter the payment details, therefore pay the fees before completing and submitting the registration form.

**Selection Criteria**
Selection is made based on the first-come-first-serve basis. The program stipulates a minimum of 50 (fifty) faculty participants. There is an upper limit of 5 (five) for the number of research scholars.

The intimation of selected participants is through e-mail. For non-selected participants, the fee is returned.

**Course completion**
Only on successful completion of the course, the participants are eligible to receive the certificate. The successful completion includes meeting attendance criteria (>80%) and participation in the quiz. The quiz is of 60 minutes duration and conducted on the last day.

**Important dates**
| Last date of registration form submission and payment | 14-Feb-2022 |
| Intimation of participant’s participation | 16-Feb-2022 |

**About the Institute and Warangal**
National Institute of Technology, Warangal, formerly known as Regional Engineering College, was established in 1959. It is the first in the chain of 30 NITs with the foundation stone laid by Pandit Jawaharlal Nehru. The institute is well known for its dedicated faculty, staff, and state-of-the-art infrastructure conducive to a healthy academic environment. The institute has 13 academic departments in engineering, pure sciences, and management. The institute offers eight undergraduate programs (B.Tech.) in engineering, 29 postgraduate programs (MBA, M.Tech., M.Sc., and MCA). All departments offer full-time and part-time Ph.D. programs. The institute is well-known for its Research and Development, Industrial consultancy, Continuing education, and training programs for teachers and industry participants.

**About the department**
In the contemporary world of rapidly changing global business, which is technology-intensive and consumer-oriented, the acumen needed for managers is being revolutionized. Recognizing this, the institute has designed a comprehensive MBA program exclusively for engineering graduates. The MBA program offered by the School of Management is a two-year course that runs into eight quarters. The program electives are in Marketing, Human Resource Management, Financial Management, Operations Management, and Information Technology.

**Faculty – School of Management**
- Prof. Ravinder Reddy, M; Area - Economics & Finance; Head of the Department
- Dr. Padma, K; Area – Economics & Finance
- Dr. Ramlal, P; Area - OB & HR
- Dr. Rama Devi, V; Area - OB & HR
- Dr. Francis Sudhakar, K; Area - Marketing
- Dr. Lakshmi Tulas, Devi, S; Area – Economics & Finance
- Dr. Sunita, G; Area – Economics & Finance
- Dr. Lokshminarayana, K; Area – Information systems & Strategy
- Dr. Ramachandra Gopal, P; Area – Operations management
- Dr. Rahul Thangeda; Area - Marketing

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