Association of Enterprise Architects Delhi Chapter

A Chapter of the Global Association of Enterprise Architects

Chair AEA Delhi Chapter
chair.aea@aeaindia.org

Who We Are...

The Association of Enterprise Architects is the definitive professional organization for Enterprise Architects Delhi Chapter

- President: Dr Pallab
  The Open Group (India)
- Board Member AEA India: Tarun Gupta
- Chair Delhi Chapter: Chander Shekher
- Vice Chair Delhi Chapter: Aurobind Upadhyaya
Our Vision and Mission…

- To strengthen the practice and professionalism of Enterprise Architecture and increase Status of EA in Delhi/NCR
- To enable and encourage the highest standard of enterprise architecture practice by members

Our Goals

- Credibility
  - Increase opportunities and market value
  - Advance professional excellence
- Recognition
  - Raise the status of Enterprise Architecture and members’ accomplishments
- Community
  - Access to a worldwide network of EA professionals
Global AEA History

- Launched with 730 members
- Merged with Global Enterprise Architecture Organization
- Merged with AEA
- Acquired Journal of Enterprise Architecture
- >40,000 members strong

Membership

More than 50,000 members worldwide

45+ chapters representing 141 countries.
India Chapters

- Bangalore
- Chennai
- Hyderabad
- Mumbai
- New Delhi
- Pune

Why AEA? ....

"The market for talented EAs is thriving and demand has never been better. EA as a profession has really come of age since it emerged along service oriented architecture and Agile practices in the mid-2000s."

Open Group Master Architects, Architecture/TOGAF skills rank as one the highest paid among professional IT certifications currently on the market;

30,000+
TOGAF® 9 Certified individuals worldwide
AEA Delhi Chapter

Chapter Spotlight – New Delhi

- Established 2010
- Objectives:
  - Networking forum for EA, Whatsapp / Linkedin Group 100+ Members
  - Guest speakers/chapter talks
  - Seminars/workshops/Events
  - Focus on India Govt – IndEA
  - Promote awareness, understanding and education for EA in Premier Institutes Delhi/India
  - Industry connect with CIO/CEOs
- Activities:
  - 30 Chapter Meets / 10 Events IIT / MDI Gurgaon
  - Introduced EA Elective Course at IIT Delhi
What is Enterprise Architecture

- It is defined as: "set of processes, tools, and structures necessary to implement an enterprise-wide coherent and consistent IT architecture for supporting the enterprise’s business operation.

- By aligning business and IT, organizations can utilize EA to build an operating model that defines how to transition from current state to a desired business strategy or target state.

- The main aim of EA is to provide a long-term holistic and pragmatic view of the enterprise’s business processes, systems and technology infrastructure to enable building of enterprise-wide capabilities.

- EA can enable an organization to increase revenue and reduce operational costs.

Enterprise Architecture

- Business architecture—Describes the processes the business uses to meet its goals
- Application architecture—Describes how specific applications are designed and how they interact with each other
- Data architecture—Describes how the enterprise datastores are organized and accessed
- Technical architecture—Describes the hardware and software infrastructure that supports applications and their interactions
Benefits with Enterprise Architecture

- Align business and IT objectives and resources
- Efficient decision-making through established principles, models, standards, and processes
- Improve communication, prioritization, and governance of initiatives
- Increase time-to-market by reducing lead time for installing and testing technology
- Simplify integration problems through compliance with architecture
- Reduce costs by retiring duplicative or outdated assets
- Provide a foundation for skills development
- Follow an established roadmap for infrastructure development

Career option for Enterprise Architecture

- Chief Architect
- Chief Technology officer
- Chief Executive officer
- Head of Enterprise
- Head of data architecture
- Technical Architect
- Information and Data Architect
- Enterprise Architect
- Chief Digital Architect
- Solution Architect
- Enterprise Solutions Architect
Building Blocks

Architecture Capability Framework
Views and Viewpoints

Architecture Development Method

ADM is an Iterative Process

OVER the whole process;
BETWEEN phases;
WITHIN phases
New Iteration
→ New Decisions
Course Objective

1. Define Enterprise Architecture (EA) and articulate its business case.
2. Articulate how Enterprise Architecture integrates strategic, business, and technology planning to support enterprise development.
3. Evaluate Enterprise Architecture tools with respect to best practices and assess suitability for varying applications.
4. Demonstrate how Enterprise Architecture integrates strategic goals and business processes with supporting technology architectures to enable business objectives.
5. Crystallise how Enterprise Architecture links with other governance processes, including capital planning, human resource management and security policies.
6. Be able to articulate the future direction of EA and the issues faced.
## Course Structure

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<thead>
<tr>
<th>Day</th>
<th>Session</th>
<th>Topic</th>
<th>Proposed Date/ Time</th>
<th>Duration</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Introduction to Enterprise Architecture: Definition, Benefits, Value and Risks. Development of Enterprise Architecture as a Discipline</td>
<td>19Oct 11am</td>
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<td></td>
<td>1</td>
<td>Enterprise Architecture Frameworks and Their Utility. Introduction to TOGAF and IndEA IndEA and TOGAF: The Framework, Ecosystem and Body of Knowledge</td>
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<td>2</td>
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<td>Business Architecture: Why, What, Who, When, With What and How.</td>
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<td>2</td>
<td>Industry Experience Sharing and Case Study</td>
<td>19Oct 2pm</td>
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<td>Application Architecture: Why, What, Who, When, With What and How. Industry Experience Sharing</td>
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<td>Security Architecture: Why, What, Who, When, With What and How. Industry Experience Sharing</td>
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<td>Roadmap, Transition Management and Governance. Industry Experience Sharing</td>
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<td>3</td>
<td>1</td>
<td>Maturity Models, Archimate Notations and Tools. Industry Experience Sharing</td>
<td>22Oct 5pm</td>
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<td>2</td>
<td>India Enterprise Architecture Framework. Industry Experience Sharing</td>
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<td>Selected Topics in Enterprise Architecture, any two</td>
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<td>a. Architecture and Agile Practices</td>
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<td>b. Architecture and Digital Technologies (Cloud, IoT, Blockchain)</td>
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<td>c. Architect Career Track Essentials</td>
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<td>d. EA Practice for Consulting Careers (HR perspective)</td>
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<td>2</td>
<td>Recap and Summary</td>
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<td>Roadmap Ahead and Next Steps</td>
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## Faculty Members

**Tarun Gupta**  
Co-Founder Sapthum  
Former CTO-Retail (Cognizant)  
Former Chief Architect (TCS)  
Chief Architect L&T Infosys  
TOGAF Certified  
Open CA Distinguished Architect (Chief)

**Aurobind Upadhyaya**  
Associate Director  
KPMG  
TOGAF Certified

**Chander Shekher Reddy**  
Dy General Manager Digital Services  
JK Lakshmi Cement Ltd  
TOGAF Certified

**Digital Transformation Evangelist, Practitioner of Enterprise Architecture, Design Thinking, Innovation & Risk Management**  
Tata Consultancy Services  
TOGAF Certified

NeGD Subject Matter Expert in Enterprise Architecture and President, Association of Enterprise Architects (India), Dr. Saha has been identified as a Thought Leader by IBM Smart City Connect, and featured by Forbes. He is an advisor to the Ministry of Electronics & IT (MeitY), Government of India, a co-author of the India Enterprise Architecture (IndEA) Framework, and has played a critical role in making it into a national standard. He is an invited faculty to MeitY’s e-Governance Leadership Programme for senior strategy level bureaucrats.
IIT Delhi – EA Class

IIT Delhi – EA Course
Case Study presentations
Questions?

THANK YOU!

Chair Delhi Chapter

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Chair, Association of Enterprise Architects (AEA), Delhi Chapter

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