What is the proposed timeline?

The timeline for the project begins with the identification of thematic areas during the first two months. In the second to fourth months, specific research actions are planned at the center, while research work groups will be formed during the same period and continue through months three to six. In months five to seven, a research mentoring process will be initiated, extending into months seven to ten. Concurrently, during months seven to ten, websites and other systems for virtual activities will be developed. Following this, months ten to eleven will focus on the creation of research support systems, such as laboratories and computational spaces. Finally, the operations and management team will be established in months eleven to twelve, alongside building infrastructure, facilities design, and implementation.

Who all are the people involved with COE?

People Involved:

- Advisory Board (International, national, local, and industry members).

- Local Governing body with industry members

- Centre Director, Theme Leads/Co-lead, Relations manager (with technical knowledge), Technical Staff, Admin Officer (finances, costing, infrastructure...)

- Core Research Team under Theme Leader

- Permanent Scientists

- Associated members from different colleges/institution

- Joint PhDs, Postdocs associated with the centre International Partnerships

- Technical staff and management

Day 1 Sessions (27 September 2024)

1. Session 1:
    - Time: 09.30 - 11.00 hrs
    - Chair: Prof. Prahlad Vadakkepat
    - Content: Introduction to Workshop and Pre-Workshop Session on Industry 4.0-5.0.
2. Session 2:
    - Time: 11.30 - 13.00 hrs
    - Chair: Prof. Prahlad Vadakkepat
    - Presentations by:
        - Dr. B. Vinod

- Position: Professor and Head, Department of Robotics and Automation Engg., PSG College of Technology, Coimbatore, India
- Email: bvinod@rediffmail.com
- Mr. Francis Reagan
  - Position: Ionic3DP, Chennai
  - Topics: Automation, 3D printing, edge computing
  - Email: regan@ionic3dp.com

3. Session 3:
   - Time: 14.00 - 16.15 hrs
   - Chair: Dr. B. Vinod
   - Presentations by:
     - Mr. Sarin Jacob Sunny
     - Mr. Vimal Govind M.K.
     - Ms. Sheena Nassim
     - Mr. Nitin Gupta

4. Session 4:
   - Time: 16.45 - 18.15 hrs
   - Chair: Prof. Prahlad Vadakkepat
   - Presentations by:
     - Mr. Ullas Kumar
     - Prof. Sethu Vijayakumar
     - Dr. Anoop A.
     - Dr. Rethnaraj Rambabu

5. Session 5:
   - Time: 18.45 - 20.00 hrs
   - Chair: Dr. Benny Raphael
   - Presentations by:
     - Prof. Dr. Teena Hassan
       - Position: Professor of Computer Science and Director of Institute for Artificial Intelligence and Autonomous Systems (A2S), Bonn-Rhein-Sieg University of Applied Sciences, Germany
       - Email: teena.hassan@h-brs.de

- Sally Brammer
  - Position: Coordinator Student Mobility (non EU countries), International Office, Bonn-Rhein-Sieg University of Applied Sciences, Germany
  - Email: sally.brammer@h-brs.de
- Dr. Deepak Padmanabhan
  - Position: Professor, Queens University, Belfast United Kingdom
  - Email: deepakp7@gmail.com

Day 2 Sessions (28 September 2024)

1. Session 6:
   - Time: 09.30 – 11.15 hrs
   - Chair: Dr. Anoop A.
   - Presentations by:
     - Dr. Jithin K. Sreedharan
       - Position: Senior Data Scientist, Core Recommendations Team, The Home Depot, Seattle, US
       - Email: jithin.k.s@gmail.com
     - Dr. Madhu Thalakulam
       - Position: Associate Professor (Physics), IISER, Thiruvanathapuram
       - Email: madhu@iisertvm.ac.in
     - Dr. Benny Raphael
       - Position: Professor and Head, Department of Civil Engineering, Indian Institute of Technology Madras
       - Email: benny@civil.iitm.ac.in

2. Session 7:
   - Time: 11.30 – 12.15 hrs
   - Chair: Dr. Madhu Thalakulam
   - Presentations by:
     - Dr. Sunil Sivadas
       - Position: Practice Lead, NEXT Gen Tech, NEXT Products & Platforms, NCS, Singapore
       - Email: sunil.sivadas@ncs.com.sg

- Dr. Sheela Siddappa
  - Position: Director - Data Science, Kyndryl, Bangalore

3. Session 8:
   - Time: 12.15 – 13.30 hrs
   - Coordinator: Prof. Prahlad Vadakkepat
   - Content: Discussion and Presentation by Participants.

4. Session 9:
   - Time: 14.30 – 16.00 hrs
   - Closure of Workshop:
     - Welcome: Dr. P.K. Biju, Member Syndicate
     - Presided by: Prof. Saji Gopinath, Hon'ble Vice Chancellor
     - Strategic Plan Presentation for the Centre: Prof. Prahlad Vadakkepat
     - Valedictory Address: Dr. R. Bindu, Hon'ble Minister of Higher Education and Social Justice
     - Felicitations: Various members of the syndicate
     - Vote of Thanks: Dr. A. Praveen, Registrar