

TCS-IITB-Monash Research Academy Research Café

The IITB-Monash Research Academy is pleased to announce that it will host the TCS Research Café (R-Café) in the Academy premises on **11 September, 2017**. The TCS R-Café is a forum for exchange of ideas in an informal setting with leading experts from TCS. Students pursuing Masters and doctoral studies and those involved in research in computer sciences and allied areas that will be impacted by information technology, might find the discussions at the R-Café interesting. We are delighted that the R-Café will be led by Mr. K Ananth Krishnan, Executive Vice President and Chief Technology Officer-TCS and key scientists from TCS Research.

The Agenda for the R-Café is as follows:

| Time | Activity |
|-------------|--|
| 2.30 - 2.35 | Welcome by Prof. Murali - Introduction to the R-Cafe and intro to K Ananth Krishnan |
| 2.35 - 3.00 | Inaugural Talk by K Ananth Krishnan- Executive Vice President and Chief Technology Officer |
| 3.00 - 3.05 | Q&A with Ananth |
| 3.05 - 3.10 | Prof. Murali introduces the Research Leads and invites them to address the gathering |
| 3.10 - 3.30 | Research Leads brief about respective Research Area (Hand Mike to be passed on) |
| 3.30 - 5.30 | Research Café- Students can freely walk around and talk to the Researchers |
| 5.30 - 6.00 | High Tea |

1. **Vinay Kulkarni** - Chief Scientist and Head of Software Systems Research

Research interests include model-driven software engineering, enterprise modelling and software engineering for uncertain world. His work in model-driven software engineering has led to a toolset that has been used to deliver several large business-critical systems over the past 20 years.

2. **Dr. BEENA RAI** – Principal Scientist and Head of Physical Sciences Research

Research focuses on the Computational Material Engineering especially molecular modeling based design and development of materials and chemicals for various industrial applications such as mineral processing, ceramics, paints & coatings, cements, lubricants, agrochemicals, pharmaceuticals and cosmetics. Research interests include molecular modeling, metals and minerals, polymers, nanotechnology, biological systems such as human skin and bio-sensors.

3. **Dr. Sachin Lodha** - Principal Scientist and leads the Cybersecurity Research and Innovation Program

Has a special interest in privacy and related topics. His team's efforts on that front have led to multiple research papers, patents, and award winning innovations that are now part of TCS MasterCraft commercial offerings.

4. **Dr. Sunil Kumar Kopparapu** - Principal Scientist at Data and Decision Sciences Research Area

Area of Research includes speech, script, image and natural language processing with a focus on building usable systems for mass use in Indian conditions.

5. **Sandeep Athavale** - Senior Scientist at Behavioural Business and Social Sciences Research Area

Area of Research includes Understanding and Influencing Behavior through games and Designing workplace games to study player behavior while managing work situations that involve teams made up of artificial characters or robots.

6. **Dr. Rekha Singhal** - Senior Scientist at Data and Decision Sciences Research Area

Research interests include Next Generation Architecture and Performance, Big Data Analytics, Database Performance. Developed several tools such as SQL Volume Performance Prediction , Map-Reduce Tuner and Spark Performance Assurance Tool while being in TCS.

7. **Dr. Harshad Khadilkar** - Scientist at Data and Decision Sciences Research Area

Research interests lie in the area of optimal control for networked systems. Interested in developing and applying simple but effective networked control and operations research techniques to real world problems.

8. **Pranav Shah - Head Analytics and Mentor, CTO Incubation**

Area of Interest are Data science and Algorithms, Machine Learning and Cognitive Computing and Application of the said technologies in solving Industrial problems.

9. **Dr. Anirban Dutta - Scientist at Life Sciences Research Area**

Research Interests are Genomics/ Metagenomics, Biomarker Discovery, Molecular Evolution, NGS Data Analysis, Systems Biology.

The R-Café is open to all interested students and faculty from IITB and the IITB-Monash Research Academy and you are cordially invited to attend.

Please visit the links below:

http://www.global-tcs.com/media/videos/TCS_HR_Research.m4v

http://www.global-tcs.com/media/videos/TCS_CTO_Gautam.m4v

http://www.global-tcs.com/media/videos/TCS_CTO_Harrick.m4v

<https://www.youtube.com/watch?v=2Zp4FKpZ32c>