

Mr Mukesh Kamath Bola
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1. Profile:

Mukesh Kamath Bola currently serves as an Assistant Professor in the Department of Information Science and Engineering at Jyothy Institute of Technology. I hold an M.Tech. degree in Computer Science and Engineering (2007) and B.E. in Computer Engineering (2000) from Manipal Institute of Technology, Manipal. I have experience in academia and industry as well.

While in the industry as a senior software engineer I have honed my skills in C/C++ , Qt/qml, Java, Aws s3 storage, Rabbitmq. I have worked as associate consultant in web development too where I researched testing tools like jest, testing react apps using snapshot testing. I have worked in styling Reactjs using Sass and mixins.

Over 14 years of academic experience, as Lecturer, Assistant Professor, Guide, Docent, and Mentor.

Experience

Teaching: 13 Years

Assistant Professor- Jyothy Institute of Technology, Bengaluru, April,2024-present

Assistant Professor - Christ University, Kengeri Campus, Bangalore, June-2015 to Aug-2017

Assistant Professor - City Engineering College, Bangalore, Feb-2008 to May-2015

Lecturer- City Engineering College, Feb, 2005-July, 2005

Lecturer- YDIT, Sept,2004-Oct,2004

Lecturer - KS Institute of Technology, Bangalore, Sept-2001 to july-2004

IT Industry: 6.5 Years

Front Avenue Info Solutions Pvt Ltd as **Associate Consultant** between Oct,2018 and Jan,2020.

Ambertag Analytics Pvt Ltd as **Software Engineer** between Feb,2020 and Oct,2022.

Nference Labs India as **Senior Software Engineer** between Nov,2022 and March,2024.

Philips Scholar at Philips Innovation Campus and NXP semiconductors, July, 2006-July, 2007.

RCS Software (**Contract**) at HP (india) working for Application Packaging, July 2004-Aug,2004.

Aviators(India) Pvt Ltd as **Trainee** between July,2001-Aug,2001.

Robosoft Technologies Pvt Ltd as **Graduate Engineering Trainee**, Aug,2000 to Sept,2000.

Corporation Bank(**Trainee-unpaid**) for 1 week and again 1 month, worked on Visual FoxPro, Feb,1999 and Aug,1999

2. Research Interests

Interests in Research, Computer Graphics, Embedded Systems, Shading languages, the Graphics Pipeline, Computer Architectures, Medical Software and Computer Security.

3. Professional Body Membership

Life Member of ISTE - LM 40479

4. Journal Publications:

- R. Shahabadkar, Mukesh Kamath B and K. R. Shahabadkar, "Diagnosis of compromised accounts for online social performance profile network", *2016 International Conference on Wireless Communications Signal Processing and Networking (WiSPNET)*, pp. 1552-1557, March 2016.
<https://ieeexplore.ieee.org/document/7566397>
- Shridhar Venkatanarasimhan, Surendra Babu M S, Mukesh Kamath Bola, Nayana R ,
"Arduino Based Glove for Speech Impaired People Through Sensor Network"
,International Journal of Research and Analytical Reviews(IJRAR-IJRAR24C1760), July 2024 Volume 11, Issue 3, (E-ISSN 2348-1269, P- ISSN 2349-5138)
<https://www.ijrar.org/papers/IJRAR24C1760.pdf>
- B Sunil Kamath, Mukesh Kamath B, coauthored a paper on "Achieve a Dynamic and Reliable Web Service using Network Load Balancer on Cloud platforms" at 2025 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (2025 IEEE DISCOVER Conference Record #66922)
<https://ieeexplore.ieee.org/document/11258938>

1. Blog Author as "A Gaming Enthusiast"

Blogger Profile Link: <https://www.blogger.com/profile/03993385858950822199>

2. Awards and Student Support received

"Windows Based Tutor Developer" first prize in Final Year Student Project Exhibition - 2000 held on 26th May,2000 at MIT, Manipal

Philips Scholar paid internship between Aug,2005 to July,2007 during M.Tech at Manipal Institute of Technology and while at NXP Semiconductors helped port a Testing Tool called CANTATA on target boards running processors of PNX1300 series of media processors.

3. Certifications

Java, C++, and C# Courses from NICT Bangalore- Distinction

Certified Scrum Master(CSM) from Scrum Alliance(Certificant Id: 001642935) Valid through 28th April 2026(**expired**)

4. Coordinator

National Conference on **Real-Time Systems** held during 9th to 10th May,2014 at City Engineering College, Bengaluru-560061

5. FDP / Seminars/ Workshops Attended

- Attended QIP on **Teaching, Learning and Evaluation Process**, 22nd May,2017, conducted by CU-Academic Staff college.
- Participated in **NCCOCE,17** Organized by the Department of Computer Science and Engineering, Faculty of Engineering, Christ University, March,2017.
- Participated in QIP on **Research Trends, Tools and Processes** held from 24th - 27th Sept,2016 securing B Grade by CU Academic Staff College.
- Participated in QIP on **IOT & Research** held from 23rd - 26th May,2016 securing A Grade by CU Academic Staff College.
- Participated in the National Level Workshop on **Data Analysis using MATLAB**, Conducted by Centre for Advanced Research & Training(CART) from April 18 to 22nd,2016.
- Participated in **NCCOCE,16** Organized by the Department of Computer Science and Engineering, Faculty of Engineering, Christ University, March,2016.
- Participated in QIP on **Web Programming using OpenSource Tools** held from 25th - 28th Jan,2016 securing B Grade by CU Academic Staff College.
- Participated in One Day Workshop on “**Wearable Computing Techniques**” held on 31st march,2012 at VIT Chennai.
- Presented a Technical Paper titled “**INCORPORATING SECURITY MEASURES IN CLOUD COMPUTING USE CASES**” in the National Conference on Emerging Trends in Information Technology(NCETIT-11) organized by the Department’s Students Forum, INFONIX at **Don Bosco Institute of Technology**-Bangalore-74.
- Attended a two day **Workshop on Embedded Computing Systems** on 27th and 28th, July 2009 Jointly organized by Departments of CSE and ISE at Vivekananda Institute of Technology, Bengaluru-74.
- Attended a two day workshop on **Embedded Computing Systems** conducted by the Department of Computer Science and Engineering on 3rd and 4th August, 2009 at Sri Bhagawan Mahaveer Jain College of Engineering, Bangalore.
- Participated in **INNOVATE INDIA 2009** on Leveraging Innovation for Knowledge Economy organized by NRDC on Nov,19th and 20th, 2009 at JN Tata Auditorium, National Science Seminar Complex, Indian Institute of Science Campus, Bengaluru-560012.

- Participated in the “**.Net Train the Trainer**” Workshop organized by Board for IT Education Standards(BITES) in association with Microsoft Corporation (India) Pvt Ltd conducted from 8th - 12th march, 2004.
- Received a Certificate of completion while attending the **Windows Embedded Hands-on-Lab** on March, 18th, 2004 from **Microsoft Corporation(India) Pvt Ltd**.
- Attended a two day workshop on **Pico-Peta Simputers** organized by the East-West Institute of Technology in association with KSCST and PICOPETA Simputers on Jan 30th and 31st,2004 on campus.
- Participated in the **ENTREPRENEURSHIP AWARENESS CAMP** conducted by the Department of Placement and Training, Manipal Institute of Technology, Manipal from 21-10-99 to 23-10-99.