



PONNURANGAM KUMARAGURU

PK

Director, Precog @ IIITD

Founding Head, Cybersecurity Education and Research Centre (CERC) @ IIITD

TEDx Speaker, ACM Distinguished Speaker

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EDUCATIONAL QUALIFICATION

- Ph.D., School of Computer Science at Carnegie Mellon University (CMU)
- M.S., BITS Pilani
- B.E., Madras University

WORK EXPERIENCE

- 2009 - Till date: Associate Professor, IIIT Delhi
- 2018 - Till date: Visiting Associate Professor, IIIT Hyderabad
- 2018 - Till date: Visiting Faculty, National Police Academy (NPA) & National Industrial Security Academy (NISA)

SUMMER / SHORT SABBATICALS

Ministry of Home Affairs, Mumbai Police, Indian Institute of Science, Max Plank Institute - Germany, Dublin City University, IBM Research India, Adobe Research India

GRANT SUPPORT & FUNDING

- Raised funding total worth of 6,00,00,000 INR from Ministry of Electronics & Information Technology (MeitY), Defence Research and Development Organization (DRDO), Ministry of Home Affairs, Department of Science & Technology, RSA, Tata Consultancy Services (TCS), Adobe, Pricewaterhouse (PwC), Intel, Bosch, MixORG, Innefu Labs, IBM Research India.
- Also raised funds from international funding agencies: National Science Foundation (NSF), USA; International Development Research Centre (IDRC), Canada; 7th Framework Programme for Research (FP7), Europe.

I TEACH

Privacy and Security in Online Social Media (IIIT Delhi, IIIT Hyderabad, UFMG, NPTEL), Designing Human Centered Systems, Foundations of Computer Security, Internet Security & Privacy, Research Methods, Probability & Statistics

TECHNOLOGIES BUILT

- Advanced Application for Social Media Analysis (AASMA), currently used in 60+ Government organisations in India
- PhishGuru, my Ph.D. thesis has contributed in creating a company Wombat Security Technologies. Wombat recently got acquired for USD 225 Million
- TweetCred, 5000+ active users and 15+ million tweets analyzed
- Facebook Inspector, evaluated 1+ million posts
- APWG landing page serving 14 million hits per year and translated into 21 languages
- The News Bugle, 1400 hits per day starting Dec 2016
- SMSAssassin, Backpack, Witzers, MeriAwaaz...

ACHIEVEMENTS

- Best paper award in multiple conferences and workshops.
- Faculty research awards from Adobe, IBM.
- Have conducted Online Social Media training programs to more than 5,000+ police officers in the country. Regularly give lectures at CBI Academy, National Police Academy, North Eastern Police Academy, Army War College, State police and intelligence organizations.

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COLLABORATORS

Georgia Tech, UMBC, ETH Zurich, NTU Singapore, USC, IIIT Hyderabad, IBM Research Labs, IIIT Sri City, Qatar Computing Research Institute (QCRI), NYU Abu Dhabi, Dublin City University, UAB, UFMG Brazil, MPI

STUDENTS

- # of phd students graduated (current): **4 (8)**
- # of M.Tech. thesis students graduated (current): **18 (5)**
- # of UG thesis students graduated (current): **47 (12)**
- Full time research associates past (current): **15 (8)**

CONFERENCES / PUBLICATIONS

WWW, CHI, CSCW, ICWSM, TOIT, SocInfo, HT, ASONAM, AsiaCCS, BHCI, SOUPS, HotMobile, CoDS, SPSM, PST, PET, SNAM, eCSCW, eCRS, MobileHCI, PSOSM, MDM, ICDM, LBSN, CEAS

IN MEDIA

BBC, Forbes, MIT-Techreview, Economic Times, Boston Globe, Pittsburgh Post-Gazette, CNET, CBC-News, Deccan Chronicle, CNN, Hindustan Times, NewYork Post, Newyorker, Washington Post, Times of India and many more...

PLACES WHERE MY STUDENTS HAVE GONE TO STUDY / WORK

CMU, GaTech, Princeton, UIUC, UBC, UWash, Apple, Adobe, MSU, TCS, IBM Research...

WHAT STUDENTS SAY

Enabler, inspiring, zealous, approachable, enthusiastic, adventurous, supportive.

PHILOSOPHY OF LIFE

Help others achieve their goals.