










# Dr.Sujith Kumar P.S.Ph.D.

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 <http://icet.ac.in/faculties/4/staff-profile>



## Employment History

- 2022 – . . . . .  **Professor in CSE Dept., ICET,Muvattupuzha.**
- 2013 – 2015  **Associate Professor.** MEA engineering college , Perithalmanna from oct 2021 dec 2021.
- 2014 – 2015  **Associate Professor.** Associate Professor in CSE Department at Adi Shankara Institute of Engineering and Technology, Kalady
- 2013 – 2015  **Associate Professor.** Associate. Prof in Sree Narayana Gurukulam College of Engg, Kadayiruppu
-  **Assistant Professor.** Asst. Prof in Sree Narayana Gurukulam College of Engg, Kadayiruppu
-  **Lecturer** in Union Christian College Aluva
-  **Network Engineer** Network Engineer at Quick Soft Systems, Kochi
-  **Network Engineer** Network Engineer at Koluthara Systems,Kochi

## Education

- 2014 – 2020  **Doctrate, Hindustan Institute of Technology and Science (HITS):** Ph.D in Computer Science and Engineering  
Thesis title: *Performance enhancements over TCP in MANET*
- 2006 – 2008  **Post Graduation, Anna University:** M.E in Computer Science and Engineering  
Thesis title: *Effective token circulation in MANETs using java*
- 1996 – 1999  **Under Graduation, Cochin University:** B.Tech in Computer Science and Engineering.  
Thesis title: *Network monitoring system Using Java*

## Research Publications

### Journal Articles

- 1 S. K. Deepu, "Hadoop job runner ui tool," *international journal of engineering inventions (IJEI)*, vol 4 Issue 6, Nov 2014,
- 2 P. S. Kumar and A. R. Babu, "Cross-layer based congestion detection and dynamic proxy acknowledgment scheme for tcp in manet," *International journal of recent technology and engineering (IJRTE)*, 7(3):158–165,
- 3 P. S. Kumar and A. R. Babu, "Wtls based protocol for manet," *International Journal of Engineering Technology, Management and Applied sciences*, 5(5):158–165,
- 4 P. S. Kumar and A. R. Babu, "Wtls sec-split tcp proxy based protocol for manet," *Asian journal of Information Technology*, 16(7):588–591, ISSN:1682–3915.
- 5 R. Bhaskaran, P. Kumar, G. Shanthi, L. Raja, G. P. Joshi, and W. Cho, "Metaheuristics based node localization approach for real-time clustered wireless networks," *COMPUTER SYSTEMS SCIENCE AND ENGINEERING*, vol. 44, no. 1, pp. 1–17, 2023.

- 6 "Hybridization of long short-term memory with sparrow search optimization model for water quality index prediction," *Chemosphere*, vol. 307, p. 135 762, 2022, ISSN: 0045-6535.
- 7 S. K. P.S, M. Gokilavani, and A. B. Varghese, "Design and implementation of arduino uno based cnc draw bot using bitmap," *Design Engineering*, pp. 16 028–16 040, 2021.
- 8 A. R. Babu and P. S. Kumar, "Congestion control using fuzzy based adaptive tcp window adjustment," *Indian Journal of Science and Technology*, vol. 12, no. 12, 2019.

## Skills

Languages	Strong reading, writing and speaking competencies for English,
Coding	Java, PHP, Python, SQL, LaTeX
Databases	MySQL, PostgreSQL, HSQL
Web Dev	HTML, CSS, JavaScript, Python script
Misc.	Academic research, teaching, training LaTeX typesetting and publishing.

## Miscellaneous Experience

### Awards and Achievements

- 2021 **Merit Award**, Best Mentorship Award in Adishankara I2P(Idea to Project) contest conducted at ASIET, July, 2021
- 2014 **Mc Graw Hill Publication-reviewer book name introduction to computing and problem solving using python, 1e** by E. Balaguruswamy.
- 2022 **FDP Resource Person** at SNGCE, Kadayiruppu

### Research experience as Reviewer

- March 2021 to till date. **International journal of Innovation in computational science and engineering.**
- 2021 **International conference on recent trends in AI(ICRTAI'21) papers reviewer** at ASIET, Kalady.
- 2023 **International Conference on Innovations in Engineering and Technology** at ICET, Muvattupuzha.

### Certification/Affiliation







- 2008 Feb– 2009 April **Certification:** Microsoft Certified System Engineer (MCSE) training attended (India options, Ernakulam).
- 2010 Feb– 2010 April **Certification:** Mission 10X Advanced Training By WIPRO, at Bangalore (2009).

### Duties/Responsibilities

- 2005 **Coordinator, a national level IEEE Technical fest Bonzers 2005** organized by SNGCE from 29th May to 30th May 2005
- 2012 **Coordinator, National Conference on Computing Technologies - NCCT 2012** organized by SNGCE, Kadayiruppu from 8th to 9th march 2012.

## Miscellaneous Experience (continued)

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- 2013          **MGU university examination additional Chief Superintendent at Raja-giri Engg. College**
- 2014          **KTU examination valuation Camp Chairman**
- 2016          **HoD Assistant in SNGCE, Kadayiruppu**
- 2021          **LoRaWan Workshop Coordinator in ASIET,Kalady(Collaboration with ICFOSS Govt.Of Kerala)**
- 2022          **Research Head IoT Lab in ASIET,Kalady**  
                **Organizing chair: ICRTAI'21 ,ASIET,Kalady**

## References

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- 1)Prof.Dr,ManishT.I, Dean(research) ASIET,Kalady ,Ph:9562068891
- 2)Prof.Dr,P.P Binu, Mechanical Dept,Sngce,Ph:9447511860