

Personal Information:

| | |
|-------------------------|--------------------------------|
| Name | K.S. Niraja |
| Years of Experience | Teaching: 17 Years |
| Email Id | ksniraja@bvrithyderabad.edu.in |
| Areas of Specialization | IoT Security |



Educational Qualifications:

| | | |
|-----------|---------|---|
| PG Degree | M.Tech. | Computer Science |
| UG Degree | B.Tech. | Computer Science & Information Technology |

International Journal Publications:

1. **K. S. Niraja, Sameera sultana** “A Multi-Dimensional Two-Tier Trust Mechanism for Intrusion Detection in Wireless Sensor Networks”, in International Journal of advanced Technology and Innovative Research June 2017 [ISSN 2348–2370 Vol.10, Issue.11, November-2018, Pages:1095-1098.](#)
2. **K. S. Niraja, shaik nazer** “Cross Layer Optimized Multipath Routing for Data Gathering in WMSNs”, in International Journal of advanced Technology and Innovative Research June 2017 [ISSN 2348–2370 Vol.09, Issue.07, June-2017, Pages:1239-1247](#)
3. **K. S. Niraja** “A Conceptual Overview on New Modified Collection Selection Algorithm using Optimal Term Weight for Web Based Applications”, IAIET **Global Journal of Computer Science and Technology**, [S.I.], apr. 2016. [ISSN 0975-4172.](#)
4. **K. S. Niraja, Dr. Chandra Sekharaiah**, “Social Web: A snapshot of issues in the new dimension of FIRO-B” The IUP Journal of Information Technology, September 2013, Article Number IJIT41309 [Vol. IX, No. 3, September 2013, ISSN NO: 2442150](#)

International Conference Publications:

1. **K. S. Niraja, Dr. Madan Mohana:** “A model to predict malicious data in smart home applications using deep learning algorithms” 4th **Smart Cities Symposium 2021** Zain - eLearning Center, University of Bahrain, Bahrain, November 23- 25th 2021 IET publisher DOI [10.1049/icp.2022.0351](#)
2. **K. S. Niraja, Dr. S. Srinivasa Rao:** “**Security Challenges and Counter Measures in Internet of Things**” “2020 International Conference on Computer Communication and

Informatics (ICCCI -2020), Jan. 22 – 24, 2020, Coimbatore, INDIA publisher **IEEE** with DOI: [10.1109/ICCCI48352.2020.9104159](https://doi.org/10.1109/ICCCI48352.2020.9104159)

3. **K. S. Niraja, Dr. Murugan: SECURITY ISSUES IN THE LAYERED ARCHITECTURE OF IOT: A REVIEW**” Recent Trends in Electronics Information & Communication Technology”, 18th – 19th May, 2018 publisher **IEEE** with DOI: [10.1109/RTEICT42901.2018.9012515](https://doi.org/10.1109/RTEICT42901.2018.9012515)
4. **K. S. Niraja, Dr. Murugan: Security Risks in Internet of Things: A survey**” International Conference on Computational Intelligence and Computing Research”, 14th – 16th December, 2017, publisher **IEEE** with DOI: [10.1109/ICCIC.2017.8524355](https://doi.org/10.1109/ICCIC.2017.8524355)
5. **K. S. Niraja, Dr. Chandra Sekharaiah: “Dealing with Indian Jurisprudence by analysing the web mining results of a case of cybercrimes”** International Conference on Communication and Networks”, 14th – 16th September, 2017 publisher **Springer** DOI: [10.1007/978-981-10-2750-5_67](https://doi.org/10.1007/978-981-10-2750-5_67)
6. **K. S. Niraja, Dr. Chandra Sekharaiah, “Exploring Cyber Intelligence Alternatives for Countering Cyber Crime”** Proceedings of the 8th INDIA Com; INDIACom-2014 International Conference on “Computing for Sustainable Global Development”, 5th – 7th March, 2014 with accession number 14382898 **IEEE** publisher DOI number: [10.1109/IndiaCom.2014.6828093](https://doi.org/10.1109/IndiaCom.2014.6828093)

Professional Memberships:

Member of ACM with No: 6008766

Member of IEEE with No: 97763464

Certifications:

1. Completed online course on” Programming for everybody” through coursera certification on 15th June 2020.
2. Completed online course on” AWS fundamentals” through coursera certification on 18th June 2020.
3. Completed online course on” Cyber Security and the Internet of Things” through coursera certification on 28th May 2020.
4. Completed online course on "Introduction to cybersecurity tools and cyber-attacks" authorized by IBM offered through Coursera on 20th July 2020.
5. Completed online course on” R Programming” through coursera certification on 19th July 2020.
6. Completed NPTEL online certification on “Introduction to Internet of Things”