


**Annexure -23**

<h2 style="text-align: center;">Faculty</h2>	<p><b>Prof. Sampath Kumar Y R</b>                  Assistant Professor                  Dept. of ISE                  East Point College of Engineering &amp; Technology</p>
	<p><b>Profile*</b></p> <p>Prof. Sampath Kumar Y R received his M.Tech degree in Computer Science and Engineering from BNM Institute of Technology, Bengaluru. He received his B.E. degree in Computer Science and engineering from RNS Institute of Technology, Bengaluru. He is pursuing his Ph.D. in Computer Science and Engineering. He is working as an Assistant Professor in the department of Information Science and Engineering, EPCET. He has taught subjects such as Principles of Programming in C, OOPs with C++, and Design and Analysis of Algorithms. He has 5 years of teaching and research experience at University Visvesvaraya College of Engineering, Bengaluru. His area of research includes Image Processing, Cloud Computing and Internet of Things. His area of interest includes Blockchain Technology and Federated Learning. He has published 4 research papers in peer-reviewed and refereed Journals, which are listed in Web of Science indexed Journals and SCOPUS indexed Journals. He has presented 4 papers at IEEE International Conferences.</p> <p>Skills- Mastered the concepts of statistics, Python and R programming, machine learning, Hadoop ecosystem, and its deployment, and Spark.</p> <p>Hands-on exposure in organizing data, performing data analysis using R and Python, implementing machine learning models, building visualizations and designing dashboards using Tableau.</p>
	<p><b>Publications</b></p> <p><b>Books</b>  <b>Title- Cybersecurity and Ethical Hacking,</b>                  Publisher- Scientific International Publishing House,                  Year-October 2023,                  ISBN:978-93-5757-987-2</p> <p><b>Journals</b></p> <ul style="list-style-type: none"> <li>● Sampath Kumar Y R, and H. N Champa. "An extensive review on sensing as a service paradigm in IoT: Architecture, research challenges, lessons learned and future directions." <i>International Journal of Applied Engineering Research</i> vol. 14 no. 6 (2019), pp-1220-1243.</li> <li>● Sampath Kumar Y R, and H. N. Champa. "An Energy Aware Data Scheduling Approach in Cloud Using GK-ANFIS." <i>International Journal of Computer Networks and Applications</i> vol.8, no.5 (2021), pp-490-506.</li> <li>● Sampath Kumar Y R, and H. N. Champa. "Enhanced-KNN (M-KNN) based outlier detection and sensor data aggregation for large data streams in the IoT-cloud." <i>International Journal of Internet Protocol Technology</i> vol. 15 no.3/4 (2022), pp-236-249.</li> <li>● Sampath Kumar Y R "An Efficient Approach for Microaneurysm Detection and Diabetic Retinopathy Diagnosis" <i>International Journal for Technological Research in Engineering</i> vol.2 no.12 (2015), pp-3113-3116.</li> </ul> <p><b>Conferences</b></p> <ul style="list-style-type: none"> <li>● Sampath Kumar, and H. N. Champa. "Anomaly Detection framework for efficient sensing in healthcare IoT systems." <i>2022 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)</i>. IEEE, 2022.</li> <li>● Sampath Kumar, and H. N. Champa. "A Fuzzy based Scheduling approach</li> </ul>

## Website Contents

	<p>for Efficient Sensing in IoT-Cloud." <i>2021 12th International Conference on Computing Communication and Networking Technologies (ICCCNT)</i>. IEEE, 2021.</p> <ul style="list-style-type: none"><li>● Sampath Kumar, and H. N. Champa. "Iot streaming data outlier detection and sensor data aggregation." <i>2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)</i>. IEEE, 2020.</li><li>● Sampath Kumar, and H. N. Champa. "A framework for IoT-based Resource Scheduling in the Cloud." <i>2022 2nd International Conference on Intelligent Technologies (CONIT)</i>. IEEE, 2022.</li></ul>
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