Kasturi Dhal, Ph.D.

Designation : Sr. Assistant Professor

Department : Department of Computer Science and Engineering

(JOINED THE INSTITUTE IN 2007)

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RESEARCH INTERESTS
- ✓ Cloud Computing
- ✓ Security
- ✓ Fine grained Access Control to deal with data sharing using remote server

Academic Qualifications

Ph. D.(Computer Science& Engineering),KIIT University, India

M. Tech. (Computer Science & Engineering), BPUT, India

B.Tech.(Computer Science & Engineering), NIST, Berhampur University, India

Teaching Experience/Industrial Experience/Research Experience
- ✓ 18 years teaching experience

PUBLICATIONS

JOURNAL ARTICLES & CONFERENCE PAPERS

- **Kasturi Dhal,** Prasant KumarPattnaik, SatyanadaChampati Rai, "Efficient Attribute Revocation scheme for Multi Authority Attribute Cloud Storage System ", in 15th International Conference on Information Technology (ICIT-2016), Dec 22-24, 2016,Bhubaneswar,India
- **Kasturi Dhal,** Prasant Kumar Pattnaik, SatyanadaChampati Rai, "Critique of some Fine-Grained Access Control Models in Cloud Computing Environment", in 15th International Conference on Information Technology (ICIT-2016), Dec 22-24, 2016, Bhubaneswar, India
- **Kasturi Dhal,** Prasant Kumar Pattnaik, SatyanadaChampati Rai**,** "Smart Cloud Based System for Diabetic Monitoring", in Proceeding of InternationalConference on Medical Informatics(ICMI 2016) , AIIMS , Bhubaneswar, Feb 26-28, 2016**.**

- Samaleswari Prasad Nayak, **Kasturi Dhal**, SatyanadaChampati Rai, Sateesh Kumar Pradhan, "TIME: SupportingTopology Independent Mobility with Energy Efficient Routing in WSNs", in Next Generation Computing Technologies(NGCT-2015),Sept 4-5,2015, Dehradun, India
- **Dhal, K**., Rai, S.C. and Pattnaik, P.K., 2022. LIKC: A liberty of encryption and decryption through imploration from K-cloud servers. Journal of King Saud University-Computer and Information Sciences, 34(6), pp.2383-2390.
- **Dhal, K**., Pattnaik, P.K. and Rai, S.C., 2019. RACC: an efficient and revocable fine grainedaccess control model for cloud storage. *International Journal of Knowledge-based and Intelligent Engineering Systems*, *23*(1), pp.21-32.
- **Dhal, K**., Rai, S.C., Pattnaik, P.K. and Tripathy, S., 2022. CEMAR: A fine grainedaccess control withrevocationmechanism for centralized multi-authority cloud storage. *The Journal of Supercomputing*, *78*(1), pp.987-1009.