

## Academics

### **Subjects Taught:**

1. Software Testing
2. Discrete Mathematical Structures
3. Management Information Systems
4. Object Oriented Programming and C++
5. Information Retrieval
6. Computer Organization
7. Object Oriented Modeling & Design
8. Computer Networks
9. Management Entrepreneurship and IPR
10. C# with .NET
11. Big Data Analytics
12. Computer Concepts and C Programming
13. Java Programming
14. Principles of Data Science
15. Cloud Computing

### **List of short-term courses / national level technical symposia organised**

-Nil-

### **R&D Projects Executed**

-Nil-

### **UG Final Year Projects Guided (in chronological order)**

1. "Face Recognition System", Birendra Kumar, Kamal Deo Prasad, Prateek Chandra Roy, Naziya Anjum, 2012.
2. "Replication Manager Test Burst Data", Prithvi Raghav T M, 2013
3. "Wi-Fi Sharing through IoT", Aniketh Jain, Prafful Dev P, Vinayak Sharma, Arush Jain, 2016
4. "A Personalised Recommendation Model Regularised with User Trust", K Lakshika Belliappa, Karuna, Swathi S, Krishnendu V Nair, 2017
5. "Connecting Social Media To E-Commerce: Cold-Start Product Recommendation Using Micro Blogging Information", Alapati Bharathkrishna, Lohith S, Rajiv P, Siddhanth Janadri, 2017

### **M tech projects Guided**

1. "Load Balancing Model for Public Cloud Using Switch Mechanism", Harshitha M K 2014
2. "Dynamic Load Balancing Technique In Cloud Partition Computing", Manjunath Swamy C, 2014
3. "Securely Mining Transactional Databases for association", Gowthami S., 2015
4. "Cloud-Assisted Mobile-admittance of Health information With Privacy and Analysis", Moksha Muthappa, 2015
5. "Privacy Policy Inference of User- Uploaded Images On Content Sharing Sites", Swetha P M, 2016
6. "SharePoint Search Configuration and Customization", Jins Kurian, 2016
7. "Prediction of Diabetic Retinopathy using K-Nearest Neighbor & Multi-Layer Perceptron", Divya Y A , 2016

8. “Opinion Based Learning Model In Medical Sector”, Kavitha B, 2016
9. “Designing the framework, web portals to enhance performance and marketing”, Rashmi H R, 2017
10. “Bio Medical Services-Siebel”, Pooja Katti, 2017
11. “Nelson Net Book with Title Access Code Approach”, Sreekantaswamy M, 2017

**Other projects guided**

1. “Meta-cognitive Neural Network Method for Classification of Diabetic Retinal Images”, Rubina Banu, Department of Electronics and Communication, SJCE, 2016
2. “Prediction of Diabetes Retinopathy”, Huda M., Department of Computer Science and Engineering, SJCE, 2016
3. “Medical Technology Based Smartphone Application in the Management of Diabetes Mellitus”, Dr. Sunilkumar D., Assistant Professor, Department of Community Medicine, JSS Medical College, Mysuru., 2017

- “Stabilisation of coal ashes for use in various geotechnical engineering applications” – Adarsh, K., Arjun, H.R., Kanth, B.S. and Pruthvi, M. (2010)
- “A study of index properties of homoionosed and fractionized bentonites” – Jamuna, N., Divya, N., Vijayakumar, K.S. and Madhu, N.S. (2008)
- “Effect of pH on physical properties of fine-grained soils” – Badiger, R. M., Preetham, M., Bhat Nikhil, S. and Haresh Kumar, S. (2007)
- “A study of physical properties of fine-grained soils under different environmental conditions” – Thejas, H.K., Swaroop, H.M., Ramesh and Vernekar, N.M. (2006)
- “The study of index properties of mixtures of clay minerals” – Ananth Baba, J., Ganesh, C. and Shetty, R.A. (2006)
- “Some studies on consolidation characteristics and coefficient of permeability of fine grained siuls” – Suprabha, M.S., Chadaga, M.P. and Padmini, R. (2005)
- “A study of compressibility and permeability behaviour of fine grained soil sediments” – Vagish, H.V., Punit Vibhu, s.h., Pasha, M.A. and Shashanka, M. (2004)
- “Study of effect of non-cohesive soil fraction on consistency limits and compaction characteristics of fine grained soils” – Vagesh Kumar, K., Sumitha, V., Nitin, R. and Khan, A.T.K. (2003)
- “Study of indexproperties if fine grained soils with particular reference to clay mineralogy” – Kavitha, N., Thrupthi, G.S. and Kavitha Shree, R.V. (2001)
- “Study of compaction and unconfined compressive strength characteristics if fine grained soils with reference to clay mineralogy” – Singh, Y.H. and Shiva Kumar, C. (2001)
- “Study of undrained shear strength behaviour of compacted clayey soils” – Pradeep, V. and Jayarama, R. (2000)
- “Testing of remoulded soils and some useful predictions” – Binod Kumar Bhagat, Brajesh Mohan, Sanjay Kumar and Satyendra Kumar ( 1987)
- “Lime stabilization of black cotton soil” – Nagaraj, H.B., Badari Narayan, N., Ramakrishna Hegde, Guruprasad, P., Raghu, Y.G. and Sudheesh, H.P. (1986)
- “Analysis and design of north light roof folded plate” – Nagabhushana, Sonnad, S.V.,Praveen, K.R., Manjunath, K.S., Umesh, H.N. and Prakash, H.M. (1985)

**UG Add-on Projects Guided** (in the reverse chronological order)

- “A Correlation Study on Liquid Limit, Settling Limit and Free Swell Limit of Fine-grained Soils” by Kiran Togunashi, Dhanush, G.T. and Madhusudan, M.R. (2016-2017).
- “A study of free swell ratio of fine-grained soils using kerosene and carbon tetra chloride”- Shivachethan, V. and Jayachandra, G V. (2013-2014).

- “A correlation study on liquid limit and equilibrium sediment volume behavior of fine-grained soils” - Shivachethan, V. and Jayachandra, G V. (2013-2014).
- “Study of effect of coarse fraction on compaction properties and unconfined compressive strength of compacted fine grained soils” – Sachin, S. and Vinay, M.A. (2012-2013).
- “A comparative study of  $\delta - t/\delta$  method and early stage of log t plot method of consolidation coefficient determination” – Sheshashayana, M. and Yashwanth, V. (2011-2012).
- “Shrinkage limit determination by the bead replacement method” – Sandesh, K., Sheshashayana, M. and Yashwanth, V. (2010-2011).