

## CST STAFF ACHIEVEMENT YEAR - 2022-23

### Paper Publication

Sl.No	Name of Author(s)	Title of the Paper	Publication Details
1	Prof Ramandeep Kaur	Computing:Types,detection and mitigation schemes	ICISML 2022
2	Prof Swetha Patil Prof Suparna H S	Puzzle optimization algorithm based weighted feature selection for identification of rice leaf disease through thermal images	IEEE STCR 2022

### Patents

Sl.No	Name of Author(s)	Title of Patent	Patent Details
1.	Dr.M.Shahina Parveen Prof.Chithambara Thanu	Detection and classification of machine anomalies using CNN	202241068192
2.	Prof.Chithambara Thanu	Data Storage of IoT device based on blockchain	
3.	Prof.Chithambara Thanu	Deep learning based system for anomaly detection in machine learning method	
4.	Dr.M.Shahina Parveen Prof.Ramandeep Kaur Prof.Swetha Patil Prof.Suparna H S Prof. Basker Venugopalan	A System and method for enabling freemium services to free services	202241076745
5.	Dr.M.Shahina Parveen Prof.Suparna H S Prof. Basker Venugopalan Prof.Ramandeep Kaur Prof.Swetha Patil	A System and method for enabling business application, SAAS Permanence	202241076744

### Book Publication(s)

Sl.No	Name of Author(s)	Book Title	Publication details
1	Prof.Chithambara Thanu	Theory of Computation	Scientific International Publishing House (SIPH) ISBN NO: 978-93-5625-560-9

## CST STAFF ACHIEVEMENT YEAR – 2020-21

### Publications

Sl.No	Name of Author(s)	Title of the Paper	Publication Details
1	Balasangameshwara J, Sheshshayee MS, Desai S, Archana BK	Cognitive Computing Models for Estimation of Reference Evapotranspiration: A Review	Cognitive Systems Research. 2021 Jul 27
2	Jasma Balasangameshwara, M.S. Sheshshayee, K. Rajan, Prabhudev Jagadeesh M P	Irrigation Practices and Soft Computing Applications: A Review	Statistics and Applications, 2454-7395, Society of Statistics, Computer and Applications, 2021
3	Jasma Balasangameshwara, K. Rajan, Madhu, M., Archana, B.K	Automation of USDA Triangle Soil Texture Classification Using Finite State Machine: A Novel Conceptual Modeling Approach	2454-7395, Society of Statistics, Computer and Applications,2021
4	Pradeep H K, Jasma Balasangameshwara, K. Rajan, Archana, B.K	Soft Computing based DECEL Model for Optimization of Water Usage in Irrigation Management	Society of Statistics, Computer and Applications,2021
5	Reddy, D., Alse, K., TG, L., Prasad, P., & Iyer, S	Learning Environments for Fostering Disciplinary Practices in CS Undergraduates	2021, March In Proceedings of the 52nd ACM Technical Symposium on Computer Science Education (pp. 1287-1287)

### FDP's Attended

Sl. No.	Title of FDP	FDP organizers details	Attended By	Date of FDP Held
1	Faculty Training Program on "Cyber Security"	S.I.A. College of Higher Education Dombivli (E), Thane, Maharashtra.	Dr.Pramod T.C	7th May, 2020
2	Faculty Development Program on Cyber Security	Swarnandhra College Of Engineering & Technology In Association With Indian Servers	Dr.Pramod T.C	May 15th & 16th, 2020
3	FDP on Cyber Forensics	SVIT & Indian Servers	Dr.Pramod T.C	May 21st, 2020
4	Four Days Online FDP on Networks & Security	NMAMIT, Nitte, Karkala,	Dr.Pramod T.C	26 May, 2020 to 29 May, 2020.

5	Pioneering AI Technology – A Case Study Approach	SoE, DSU	Prof. Jyoti Angadi	22 to 26 June 2020
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### **Guest Lectures Conducted**

<b>Sl. No</b>	<b>Title of Guest Lecture</b>	<b>Guest Lectures organizers details</b>	<b>Attended By</b>	<b>Date of Guest Lecture Held</b>
1	CY-SEC (Cyber Security)	Dr.Pramod T.C, DSU	CSE and CT Students	12 Feb 2020

## Paper Publication

Sl. No.	Name of the Author(s)	Title of the Paper	Publication Details
1	Jasma Balasangameshwara, Chandrakala HL	Performance-Driven Load Balancing for Distributed File Systems in Clouds	International Journal of Computer Applications, May 2018/05, Vol. 179, Issue 40, Pages: 39-50
2	<b>Pramod T. C</b> ,G. S. Thejas, S. S. Iyengar, and N. R. Sunitha	"CKMI: Comprehensive key management infrastructure design for Industrial Automation and Control Systems"	Future Internet, vol. 11, issue 1999-5903: MDPI AG, 2019
3	<b>Pramod, T. C., B.</b> Kianoosh, M. H. Amini, N. R. Sunitha, and S. S. Iyengar	"Key Pre-distribution Scheme with Join Leave Support for SCADA Systems"	International Journal of Critical Infrastructure Protection, vol. 24, issue 2212-2087: Elsevier, 2019
4	<b>Jasma, B</b>	"Microsoft Office in Multi-Level Monitoring of Outcomes in Outcome Based Education"	Journal of Engineering Education Transformations, vol. 33, issue 2394-1707: Elsevier, 2019.
5	<b>Aravind, V. R., and B. Jasma</b>	"Promoting Diversity through Personalized Learning in Computer Science"	13th International Technology, Education and Development Conference: International Academy of Technology Education and Development (IATED), pp. 1769, 2019.

## FDP's Attended

Sl. No.	Title of FDP	FDP organizers details	Attended By	Date of FDP Held
1	Cyber Security and its applications	NITK Surathkal	Dr.Pramod T.C Prof.Suparna H S	1-5 July 1-5,2019
2	Cloud Computing	AICTE Approved Swayam	Prof.Ramandeep	26 August 2019
3	Google Cloud Computing Foundations	Google Cloud, Christ University,Bangalore	Prof. Jyoti Angadi	12 -14 Dec 2019

