




**Faculty Profile**

Name	: Dr.S.Sabeetha Saraswathi			
Date of Birth	: 16/12/1981			
Highest Qualification	: Ph.D			
Date of Joining	: 4/7/2016			
Designation	: Assistant Professor			
Date of promotion (Present Designation)	: -			
Area of Interest	: Cloud Computing , cryptography and network security, Data Mining, Machine Learning			
Mobile No	: 9842415482	Email ID	: <a href="mailto:Sabeethasarsawathi.s@trp.srmtrichy.edu.in">Sabeethasarsawathi.s@trp.srmtrichy.edu.in</a>	
Experience	: Teaching :	18 years	Industry :	-
Address (for Communication)	: 182/ A, Kakkan Colony , Thiruverumbur, Trichy 620013			
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**Association with Professional Bodies**

Name (Professional Body)	Computer Society of India(CSI)	The Indian Society for Technical Education (ISTE)	International Association of Engineers (IAENG)	Computer Science Teachers Association (CSTA)
Type of Membership	Nominee Member			

**Research**

Ph. D Guidance				
Supervisor / Guide ship No. :		University :		No. of Scholars :
Publication*				
International Journals	: 8	National Journals	:	-
International Conference	: 15	National Conference	:	3
Project Grants (Research projects guided or undertaken/ Sponsored Projects)				
Received (Amount)	:	Applied (Amount)	:	
Patent				
Published	:	Granted	:	

**Books**

Published:	-
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**FDPs / STTPs / Workshops / Seminars etc.,**

FDP		STTP		Workshop		Seminar		Others	
Attended :	15	Attended :	3	Attended :	20	Attended :	25	Attended :	6
Organized :	-	Organized :	-	Organized :	10	Organized :	8	Organized :	-

Online courses (NPTEL, MOOC etc.)	
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**\*List of Publications :**

- 1) S.Sabeetha Saraswathi ' and N.Malarvizhi, "Command Reliable Unrivalled Intelligent System (CRUIS) Standalone NLP Based Car Voice Assistant", ' Journal of Emerging Technologies and Innovation Research" ISSN : 2349 5162, Vol.9, Issue 6, JUNE 2022(UGC approved journal)
- 2) S.Sabeetha Saraswathi ' and N.Malarvizhi, "Block Level Time Variant Dynamic Encryption Algorithm for Improved Cloud Security and Deduplication Using Block Level Topical Similarity", 'International Journal of Advanced Intelligence Paradigms, DOI:10.1504/IJAIP.2021.10016303. Vol.19,Nos.3/4,2021 (Inderscience)
3. S.Sabeetha Saraswathi ' and N.Malarvizhi, "Distributed deduplication with fingerprint index management model for big data storage in the cloud ", " Evolutionary Intelligence " <https://doi.org/10.1007/s12065-020-00395-8> Article History: Received: 29 October 2019 / Revised: 16 February 2020 / Accepted: 17 March 2020 © Springer-Verlag GmbH Germany, Published online 02 April 2020(Springer )
4. S.Sabeetha Saraswathi ' and .Malarvizhi, "MEG- Krypto : A Modified Dynamic Elgammal Encryption Algorithm for Improved Cloud Security and Deduplication ", ' Jour of Adv Research in Dynamical & Control Systems, Vol. 11, Special Issue-08, 2019 Article History: Received: July 02, 2019, Accepted: Sep 29, 2019(Institute of Advanced Scientific Research)
- 5 'S.Sabeetha Saraswathi ' and N.Malarvizhi , "Data Storage and Memory Management Data in Cloud Computing Applications Using Similarity And Locality Based Deduplication", ' International Journal for Modern Trends in Science and Technology ISSN: 2455-3778 :: Volume: 04, Issue No: 01, , PageNo.:92-95. January 2018
6. 'S.Sabeetha Saraswathi ' and N.Malarvizhi, "DATA REPLICATION TECHNIQUES IN CLOUD – SURVEY ", ' South Asian Journal Of Research In Engineering Science And Technology (SAJREST) "Volume: 01 Special Issue: 01 (ICRDICT-2016)
7. Journal published on "Automated detection of abnormalities in chest X-Ray image using convolution neural networks" by SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE)- Special Issue ICRTECITA. April 2018
- 8) Published paper in CiiT Journals titled "Distributed System Architecture for Grid Resource Monitoring and Resource State Prediction " through E.G.S.Pillay Engineering College, conference held on (March 2012).