

RESUME

Dr. S. BRITTO RAMESH KUMAR, M.C.A., M.Phil., Ph.D.,

Assistant Professor,

Department of Computer Science,

St.Joseph's College (Autonomous),

Tiruchirappalli – 620 002. Tamilnadu, India

Mobile: +91-9894058416

Phone: 91-431-2412755 (Res.) / 91-431-4226392, 4226436 (Int.Com.6392) (Off.)

E-mail: brittork@gmail.com, brittorameshkumar_cs1@mail.sjctni.edu



12FCS01

Career Objectives

- ❖ To be a dynamic and enthusiastic **Professor cum Researcher** in the field of Computer Science and Applications
- ❖ To make the best use of my Technical expertise in **Research, Teaching** and **Administration**.
- ❖ To encourage the **young research scholars to pursue their awards** by providing intellectual assistance.

Educational Qualifications

June 2011

Doctorate of Philosophy in Computer Science

Bharathidasan University, Tiruchirappalli.

2003-2004

Master of Philosophy in Computer Science

Distinction with First Class

Bharathidasan University, Tiruchirappalli.

1997-2000

Master of Computer Applications

First Class

Madurai Kamaraj University, Madurai.

Academic Positions

- ❖ **Coordinator** (Computer Science) for **DBT, STAR Scheme**, St.Joseph's College, Trichy.
- ❖ **Member** in **Enterprise Resource Planning (ERP)** Team, St.Joseph's College, Trichy.
- ❖ **Assistant Coordinator** for **Software Development**, JCICT, St.Joseph's College, Trichy.
- ❖ **Founder cum Resident-Editor-in-Chief** - International Journal of Emerging Trends in Computing and Communication Technology (IJETCCT), St.Joseph's College, Trichy.
- ❖ **Visiting Professor** in **Software Engineering, Swiss Universal Higher Educational Institute, Switzerland** from March 2014.
- ❖ Appointed as **Associate Dean for Research & Development** for the year of 2012-2014, Bishop Heber College, Trichy.
- ❖ **Assistant Coordinator** – **Indira Gandhi National Open University**, SC: 2504, Bishop Heber College, Trichy.
- ❖ **Founder cum Editor-in-Chief** - International Journal of Computing Technology and Information Security (IJCTIS), Bishop Heber College, Trichy.
- ❖ **Member** in Internal Quality Assurance Cell, Bishop Heber College, Trichy.
- ❖ **Member** in Function Committee, Bishop Heber College, Trichy.

Teaching Experience

June 2012 – till date

Assistant Professor,

Department of Computer Science,

St. Joseph's College (Autonomous), Tiruchirappalli – 620 002,

Tamil Nadu, India

Website: <https://shorturl.at/5IBTz>

July 2001 – June 2012

Assistant Professor,

Department of Computer Applications,

Bishop Heber College (Autonomous), Tiruchirappalli – 620 017,

Tamil Nadu, India.

Website: www.bhc.edu.in

M.Phil., & Ph.D. Guided

- **Completed 12** and **Guiding 4 Ph.D. Research Scholars** under the Bharathidasan Univeristy, Tiruchirappalli-24.
- Guided 17 M.Phil. Research Scholars.

S. NO	NAME OF THE SCHOLAR	REFERENCE NUMBER	FT / PT	TITLE OF THESIS	VIVA DATE
1.	M. KASTURI	08944/PH.D./COMP.S CI./PT/APRIL 2012	PT	AN APPROACH FOR STEMMING IN INFORMATION RETRIEVAL SYSTEMS	06.06.2017
2.	P. MEENAKSHI SUNDARI	08943/PH.D./COMP.S CI./PT/APRIL 2012	PT	AN APPROACH FOR ANALYZING THE FACTORS RECORDED IN THE TREE RINGS USING IMAGE PROCESSING TECHNIQUES	08.11.2017
3.	S. THIRAVIYA REGINA RAJAM	18982/PH.D./COMP.S CI./FT/JULY 2012	FT	A SECURITY FRAMEWORK FOR SOCIAL NETWORKING SERVICES	02.02.2018
4.	I. CAROL	34505/PH.D./COMP.S CI./FULL TIME/OCT 2012	FT	AN APPROACH FOR CONFLICT IDENTIFICATION AND RESOLUTION IN HETEROGENEOUS DATASETS	03.04.2018
5.	P.JOSEPH CHARLES	19098/PH.D./COMP.S CI./PART TIME/JULY 2012	PT	SECURITY FRAMEWORK FOR CONTEXT AWARE MOBILE WEB SERVICES	11.09.2018
6.	A. ANGEL PREETHI	004433/PH.D/K10/CS E/0087	PT	DICTIONARY BASED APPROACH FOR IMPROVING THE ACCURACY OF OPINION MINING ON BIG DATA	30.07.2020
7.	GEORGE GABRIEL RICHARD ROY	34506/PH.D/K10/CSE /0123	PT	A SECURITY FRAMEWORK FOR A SUSTAINABLE SMART HOME ECOSYSTEM USING PERMISSIONED BLOCKCHAIN	24.12.2020
8.	B. REX CYRIL	47398/PH.D/K10/CSE /2047398	PT	METHODOLOGIES FOR ENSURING DATA CONFIDENTIALITY IN PUBLIC CLOUD STORAGE	30.03.2021
9.	A BEATRICE DOROTHY	7265/PH.D/COM.SCI. /F.T/APRIL 2016	FT	MULTI-LEVEL SECURITY ARCHITECTURE FOR IOT DATA USING QUANTUM CRYPTOGRAPHY	07.05.2021

10.	J. ANTONY JOHN PRABU	47397/PH.D/COM.SC I./PT/JAN.2013	PT	AN INTEGRATED ARCHITECTURE FOR SECURED CLOUD DATA TRANSACTIONS WITH CONSISTENCY ENHANCEMENTS	23.07.2021
11.	J.VIMAL ROSY	29338/Ph.D.K3/Comp .Sci./P.T./Oct. 2016	PT	A MACHINE LEARNING APPROACH FOR INTRUSION DETECTION IN CLOUD ENVIRONMENT	13.09.2023
12.	A. BHUVANESHWARI	003769/Ph.D. K10/Computer Science/Full-Time/May 2019	FT	IMPROVING THE ACCURACY OF EDGE DETECTION IN MRI BRAIN TUMOR IMAGES USING CONVOLUTIONAL NEURAL NETWORK(CNN)	22.12.2023

Curriculum Development

Designed the **syllabus** for the following courses:

- Digital Computer Architecture
 - Operating System
 - Big Data Analytics
 - Web Design (including lab manual)
 - Multimedia (including lab manual)
 - E-Commerce
 - Fundamentals of Information Technology
 - Internet Technology
 - Software Engineering
 - Organizational Behaviour
 - Mobile Computing
 - Green Computing for M.Tech. programme.
 - Management Information System for M.B.A.
- Developed **Course Material** for “**Data Structures and Algorithms**”, Centre for Distance Education, Bharathidasan University, Tiruchirappalli.

Administrative/Academic Experience

- **Secretary, SJC Alumni/ae Association**, St.Joseph's College (Autonomous), Tiruchirappalli from June 2023.
- **Subject Expert** in Board of Studies (BoS) for M.Sc. Data Science (2024-2025), **Fatima College, Madurai.**
- **Subject Expert** in Board of Studies (BoS) for Computer Science (2024-2025), **Fatima College, Madurai.**
- **Subject Expert** in Board of Studies (BoS) for B.C.A., **N.G.M. College, Pollachi**, 2020-2023.
- **Member** in Board of Studies (BoS) for B.C.A., **N.G.M. College, Pollachi**, 2018-2019.
- **Academic Member** in Board of Studies (BoS) for B.Sc. (Software), **Alagappa University, Karaikudi**, 2017-2020.
- **Academic Member** in Board of Studies (BoS) for B.Com. (CA), **Lady Doak College, Madurai**, 2017-2019.
- **Member** in General Test Committee for M.Tech., **VIT University, Vellore**, 2016-2017.
- **Member** in Board of Studies (BoS) for BCA, **Bishop Heber College, Trichy**, 2015-2017.
- **Academic Member** in Board of Studies (BoS) for IT, **JJ College of Arts and Science, Pudukkottai**, 2015-2016.
- **Chairman** for QP Setting and Scrutinizing for various Boards, **Alagappa University, Karaikudi** from 2013 onwards.
- **University Nominee** in Board of Studies (BoS) for BCA, **N.G.M. College, Pollachi**, 2012-2015.
- **University Nominee** for approving the M.Tech. Results, **Bharathidasan University, Trichy.**
- **Assistant Coordinator** for **Indira Gandhi National Open University (IGNOU)** for the Study Centre 2504 from 2006 to 2012.
- **Regional Coordinator Chair - Asia Pacific** for **Semantic E-Business and Enterprise Computing (SEEC) Conferences.**
- **Course In-charge for the programme "Information Technology"** for two years (2002-2004), which is taken by 120 students per semester.

- **Coordinator** for Hardware and Software Exhibition “Explore’03”, the strength of the participants were 800 students.
- **Coordinator** for Hardware and Software Exhibition “Explore’04”, the strength of the participants were crossed more than 1000 students.
- **Staff Advisor** for Information Technology Association for two years (2002– 04).
- **Additional Chief Superintendent** for CDE Exams of Bharathidasan University from 2001 onwards.
- **Additional Chief for Government Entrance Examinations** (TNPSC, TNPCEE) and Bank Exams, Bishop Heber College Centre.

Research Experience

- **Research Areas** are Software Architecture, Mobile Applications and Services, Web Services and Mobile Web Technology and Information Security.
- **Thesis for Doctor of Philosophy** “An Architecture for Secure Mobile Payment System using Public Key Infrastructure”.
- **Organizing Chair** for an International conference on “World Congress on Computing and Communication Technologies (WCCCT)” in collaboration with **IEEE**.
- **Consultant for R & D, Amala Jyothi College of Engineering**, Kottayam, Kerala.
- **Founder and Resident-Editor-in-Chief** for the Journal namely “International Journal of Emerging Trends in Computing and Communication Technologies [IJETCCT]” published by Josephite Publications, St. Joseph’s College, Trichy
- **Program Committee Member** for “International Conference on Database and Data Mining (DBDM’14)”, Dubai, UAE, 4-5th April, 2014.
- **Founder and Editor-in-Chief** for the International Journal namely “International Journal of Computing Technology and Information Security (IJCTIS)” published by Heber Publications.
- **Associate Editor** for SEEC’09 Conference Proceedings.
- **Conference Local Chair and Member** for International conference on “Semantic E-Business and Enterprise Computing (SEEC)” in collaboration with **Kingston University, UK**.
- **Member** for International Journal of Information Processing and Management (**IJIPM**), Journal of Convergence Information Technology (**JCIT**), Journal of Algorithms &

Computational Technology (**JACT**), Journal of Next Generation Information Technology (**JNIT**)

- **Journal Referee** for **Elsevier**-Electronic Commerce Research and Applications (**ECRA**) and **ISTPress**.
- **Editor** for Journal of Digital Content Technology and its Applications (**JDCTA**)
- **Program Committee Member** for “International Conference on Software and Computer Applications (**ICSCA’11**).
- **Member of Advisory Committee** for **NWRTCS** – 2011
- **Ambassador** of Corporate Bridge for Tamilnadu region.
- **Member of Editorial Board** for **International Association of Science & Engineering Congress (SCICON)**.
- **Member of Technical Committee** for the **2012 International Conference on Software and Computer Applications (ICSCA 2012), Singapore**.
- **Reviewer** for **The Scientific World Journal**, Hindawi Publishing Corporation.
- **Principal Investigator** for **Minor Research Project** under the title “**Development of Intelligent Algorithms for Analysis Remotely Sensed Tree Ring Data using Enhanced Image Processing Techniques**” funded by University Grants Commission, Hyderabad for the amount of Rs.1,00,000/= from 2014-16.
- **Principal Investigator** for **Minor Research Project** under the title “**Software Architecture for Bio-Medical Applications**” funded by Bishop Heber College Management for the amount of Rs.90,000/=

Awards

- **Award for Best Young Research Supervisor** has been conferred by Chennai Softech, Chennai on 5th November 2022
- **Outstanding Scientist Award** has been awarded by VDGGOOD Professional Association, Coimbatore, on 11th September 2021.
- **Bharat Ratna Mother Teresa Gold Medal Award 2018** has been awarded by GEPR, Chennai on 22nd December 2018.
- **Achiever Award for 2011** has been conferred by Samugapani Mandram, Madurai.
- **Best Researcher Award for 2008** has been conferred by Bishop Heber College, Tiruchirappalli.

Special Talks/Presentation

- Inaugural Address and Invited Talk on **“Zindagi”**, Bishop Heber College, 28th February 2020.
- Delivered Chief Guest address and Special Talk on **“Emerging Technology Innovations in Computer Science”** during State Level Symposium and IT Meet – InnovIT’20 at Shanmuga Industries Arts and Science College, Tiruvannamalai on 21st February 2020.
- Delivered Invited Talk on **“Data Communications and Networking”** at Annai College, Kumbakonam on 12th July 2018.
- Delivered Special Lecture on **“Service Computing”** during Silver Jubilee Endowment Lecture at Fatima College (Autonomous), Madurai on 1st March 2018.
- Delivered Special Lecture on **“What the Software Industry Expects & How to achieve them to get the Job”** at Govt. Arts College, Thuvakudi, Tiruchirappalli on 22nd March 2017.
- Delivered Invited Talk on **“Web Services and Security”** at Jamal Mohamed College (Autonomous), Tiruchirappalli on 4th March 2017.
- Delivered Special Talk on **“Recent Trends in IT”** during Inter-College Meet at J.J. College of Arts and Science, Pudukottai on 29th August 2016.
- Interactive Session on **“Security for Computer and Android Applications”** at All India Radio, Trichy on 2nd July 2015.
- Delivered Special Lecture on **“Web Services”** during SPECTRA Association at Theivanai Ammal College for Women (Autonomous), Villupuram on 12th September 2014.
- Delivered Guest Lecture on **“Web Services”** at AICTE Sponsored National seminar on "Pervasive Computing Technologies", organized by Kings College of Engineering, Pudukkottai on 25th April 2013.
- Delivered Special Lecture on **“Network Security and Cryptography”** at Theivanai Ammal College for Women (Autonomous), Villupuram on 23rd January 2013.
- Interactive Session on **“Cell Pesi Vazhi Vaanigam”** at All India Radio, Trichy on 13th December 2012.
- Interactive Session on **“Min Kazhivugal”** at All India Radio, Trichy on 22nd November 2012.

- Delivered a Key note on **“Enterprise Cloud Security Services”** at **Cloud Computing and Service Engineering (CLUSE’12)**, organized by ISEEC, Cognizant, Kingston University and **Raja Rajeswari College of Engineering, Bangaluru** on 13th April 2012.
- Delivered a Special Talk on **“Project Development and Paper Presentation”** at **One Day Seminar, organized by Holy Cross College, Tiruchirappalli** on November 2011.
- Delivered a Special Lecture on **“Information and Cyber Security”**, conducted by Chemistry Association, **Holy Cross College, Tiruchirappalli** on August, 2011.
- Inaugural Address on **“Information Security”** at IT Association Inauguration, **St.Joseph’s College, Tiruchirappalli** on July 2011.
- Invited as Keynote Speaker for an International Conference on “Semantic E-Business and Enterprise Computing” organized by **Kingston University and Cognizant, London, UK** on July 2011.
- Presented the research paper in **ICCIT 2009 ACM conference at Seoul, South Korea.**
- Presented the research paper in **CSSE 2008 IEEE conference at Wuhan, China.**

Conferences/Workshops Organized

- **Organizing Member** for **“International Conference on the Impact of Disruptive Technologies”** from 8th to 9th January 2024 at St. Joseph’s College, Trichirappalli. The conference papers are published in **ISBN book**.
- **Organizing Chair** for **“2nd World Congress on Computing and Communication Technologies”** from 6th to 8th December 2016 at St.Joseph’s College, Trichirappalli. The conference papers are published in **IEEE** and indexed by **SCOPUS**.
- **Organizing Chair** for **“World Congress on Computing and Communication Technologies”** from 27th February to 1st March 2014 at St.Joseph’s College, Trichirappalli. The conference papers are published in **IEEE** and indexed by **SCOPUS**.
The conference was inaugurated by His Excellency DR.A.P.J.ABDUL KALAM.
- **Organizing Secretary** for One Day State-level Workshop on **“Smart Devices Programming Using Android (WSDPA)”** at St.Joseph’s College, Trichy on 8th December 2012.

- **Local Organizing Chair** for the “**International Conference on Semantic E-Business and Enterprise Computing (SEEC’09)**” from November 4-6, 2009 at Bishop Heber College, Trichirappalli in collaboration with **Kingston University, London, UK**.

Patents

- **Internet of Things (IoT) enabled Artificial Intelligence-based Electrical Power Theft Detection and Prevention System**, DoA: 17.06.2022.
- **Machine Learning Approach for Intrusion Detection on Cloud Environment**, DoA: 15.07.2022
- **IoT based Children’s Monitoring and Live Tracking System using AI and ML**, DoA: 06.03.2024, Publication Date: 15.03.2024.

Publications

Book Publications:

- **“Java Programming”** by S. Britto Ramesh Kumar, J. Vimal Rosy, P. Hemalatha and Rajeswari Chellathurai, Charulatha Publications, May 2024. [ISBN-13: 978-93-6260-038-7]
- **“A Beginning to Data Science with Python”**, K. Vani and S.Britto Ramesh Kumar, Orange Books Publication, 2023 [ISBN: 978-93-5621-645]
- **“Cloud Computing”** by S. Britto Ramesh Kumar and J. Vimal Rosy, Charulatha Publications, 2023. [ISBN: 978-93-5577-371]
- **“An Architecture for Secure Mobile Payment System using PKI”** by S.Britto Ramesh Kumar and S.Albert Rabara, LAP Lambert Academic Publishing, Germany. [ISBN: 978-3-659-34542-5].
- **“Classic Data Structures and Algorithms”** by S.Britto Ramesh Kumar and J.James Manoharan, First Edition, Heber Publications, India [ISBN: 978-93-80767-13-0].
- **“Click’r”** by S.Britto Ramesh Kumar and M.Kasthuri, 4th Standard, Based on CCE Scheme, Maria Publishers Pvt. Ltd., Tiruchirappalli, Tamilnadu, 2013.

- **“Click’r”** by S.Britto Ramesh Kumar and M.Kasthuri, 8th Standard, Based on CCE Scheme, Maria Publishers Pvt. Ltd., Tiruchirappalli, Tamilnadu, 2013.
- **“Click’r”** by S.Britto Ramesh Kumar and M.Kasthuri, 9th Standard, Based on CCE Scheme, Maria Publishers Pvt. Ltd., Tiruchirappalli, Tamilnadu, 2014.
- **Course Material** developed for **“Data Structures and Algorithms”**, Chapter I, IV and V, **Bharathidasan University**, Tiruchirappalli, **India**.

Journal Publications:

- A. Sagaya Priya and Dr. S. Britto Ramesh Kumar, **“Transmission Deviation–based Windowed Training for Intrusion Detection on Streaming Data”**, International Journal of Computer Trends and Technology, Vol.72, Issue 1, Page No. 40-47, 2024, ISSN: 2231-2803.
- J. Vimal Rosy and Dr. S. Britto Ramesh Kumar, **“Intrusion Detection System Using Ensemble Learning Approaches”**, International Journal of Advanced Research in Computer and Communication Engineering, Vol.12, Issue 7, pp.362-366, July 2023, ISSN: 2278-1021.
- J. Vimal Rosy and Dr. S. Britto Ramesh Kumar, **“A Feature Selection Method using FSPSO”**, International Journal of Advanced Research in Computer and Communication Engineering, Vol.12, Issue 7, pp.115-122, July 2023, ISSN: 2278-1021.
- S.Britto Ramesh Kumar and M. Merla Agnes Mary, **“Prediction of Rhabdomyosarcoma using Transfer Learning on Pathology and Radiology Images”**, International Journal of Advanced Research in Computer and Communication Engineering, Vol.11, Issue 8, pp.161-167, 2022, ISSN: 2278-1021.
- A. Bhuvaneshwari and Dr. S. Britto Ramesh Kumar, **“Domain Specific ANN Heuristic Edge Detection Algorithm for CNN based MRI Classification [DAHEDA]”**, Journal of Algebraic Statistic, Vol.13, Page No.447-457, 2022, ISSN: 1309-3452.
- A. Bhuvaneshwari and Dr. S. Britto Ramesh Kumar, **“An Efficient Britwari Technique to Enhance Canny Edge Detection Algorithm using Deep Learning”**, ICTACT Journal of Soft Computing, Vol.12, Page No. 2636-2639, 2022, ISSN: 2229-6956.

- A. Bhuvaneshwari and Dr. S. Britto Ramesh Kumar, “**A Comparative Study on various Edge Detection methods using Deep Learning**”, Journal of Fundamental & Comparative Research, Vol.8, Page No. 1-8, 2022,ISSN: 2277-7067.
- A. Bhuvaneshwari and Dr. S. Britto Ramesh Kumar, “**A Comparative Study and Survey on Different Types of Methods in Edge Detection Algorithms**”, International Advanced Research Journal in Science, Engineering and Technology, Vol.9, Page No. 148-150, 2022, ISSN: 2393-802.
- A. Sagaya Priya and Dr. S. Britto Ramesh Kumar, “**Semi-Supervised Intrusion Detection based on Stacking and Feature Engineering to handle Data Imbalnce**”, Indian Journal of Science and Technology, Vol.15, Issue 46, Page No. 2548-2554, Dec 2022, ISSN: 0974-5645.
- A. Sagaya Priya and Dr. S. Britto Ramesh Kumar, “**Sampling Integrated Boosting Classifier for Network Intrusion Detection**”, International Research Journal of Education and Technology, Vol.4, Issue 12, Page No. 313-321, Dec 2022, ISSN: 2581-7795.
- A. Sagaya Priya and Dr. S. Britto Ramesh Kumar, “**Intrusion Detection using Attribute Subset Selector Bagging (ASUB) to Handle Imbalance and Noise**”, IJCSNS International Journal of Computer Science and Network Security, Vol.22, Issue 5, Page No. 97-102, May 2022, ISSN: 1738-7906.
- J. Vimal Rosy and Dr. S. Britto Ramesh Kumar, “**SC-CVAR: Intrusion Detection Using Feature Selection and Machine Learning Techniques on UNSW-NB15 Dataset**”, IJCSNS International Journal of Computer Science and Network, Vol.22, 2022, ISSN: 1738-7906.
- J. Vimal Rosy and Dr. S. Britto Ramesh Kumar, “**Sine Cosine Optimization Algorithm for Feature Selection**”, Journal of Fundamental & Comparative Research , Vol.8, 2022, ISSN: 2277-7067.
- J. Vimal Rosy and Dr. S. Britto Ramesh Kumar, “**An Effective Way of Cloud Intrusion Detection System Using Decision tree**”, Neuro Quantology, Vol.20, 2022, ISSN: 1303-5150.

- J. Vimal Rosy and Dr. S. Britto Ramesh Kumar, “**Machine Learning Algorithm using AR for Intrusion detection system**”, IARJSET, Vol.9, Issue 5, May 2022, ISSN (Online): 2393-802 ISSN (Print): 2394-158.
- J. Vimal Rosy and Dr. S. Britto Ramesh Kumar, “**OSS- RF: Intrusion Detection**” using **optimized Sine swarm based random forest classifier on UNSW-Nb 15 dataset**”, International Journal of Technical & physical problems of Engineering (IJTPE) 2022 (Scopus indexed).
- J. Vimal Rosy and Dr.S. Britto Ramesh Kumar, “**Intrusion detection on Cloud Computing**”, International journal of Advanced Research in Computer and communication Engineering, ISSN (O): 2278-1021, ISSN (P): 2319-5940, Volume 11, Issue 4, April 2022.
- A. Bhuvaneshwari and Dr. S. Britto Ramesh Kumar, “**An Enhancing Canny Edge Detection using SUSAN Filter based on Deep Learning Algorithm for improved image Edge Detection**”, Webology, Page No: 4367-4375, 2021, ISSN : 1735-188X)
- J. Vimal Rosy and Dr.S. Britto Ramesh Kumar, “**Intrusion Detection on the UNSW-NB15 dataset using Feature Selection and Machine Learning Techniques**”, Webology ISSN 1735-188X , Volume 18, No.6, December 2021. (Scopus Indexed).
- J. Vimal Rosy and Dr.S. Britto Ramesh Kumar, “**An Effective Way of Cloud Intrusion Detection System Using Decision tree**”, International conference on Machine Learning and Smart Technology (ICMLST), 2021, pp:215-222.
- J. Vimal Rosy and Dr.S. Britto Ramesh Kumar, “**Optimized Encryption based Elliptical curve improved Elliptic Curve –Diffie Hellman Approach for secure heart disease prediction**” , International journal of Advanced Technology and Engineering Exploration, Vol 8(83), ISSN:2394-7454. October 2021 (Scopus indexed).
- S.Britto Ramesh Kumar and B. Rex Cyril, “**Text Based Encryption(TBEnc) Technique to Secure Data in Cloud Storage**”, International Journal Of Shanghai Jiatong University, Vol. 16,Issue(10), pp. 403-430, 2020.
- A. Angelpreethi, P.Kiruthika, and Dr.S.Britto Ramesh Kumar, “**Application of preprocessing techniques on student opinions to purge noisy data using machine learning algorithms**” The International Journal of Analytical and Experimental model analysis, Volume 8, Issue 5, pp: 1-5, March 2020

- S. Britto Ramesh Kumar and A. Beatrice Dorothy, “**Enhancing Channel Security By Error Detection And Correction During Quantum Key Distribution Using Hamming Code With Modified Elgamal**”, International Journal Of Scientific & Technology Research, Vol.8(12), pp. 3428-3432, 2019.
- S. Britto Ramesh Kumar and A. Beatrice Dorothy, “**An Approach For IoT Security Using Quantum Key Distribution**”, International Journal Of Scientific & Technology Research, Vol.8(8), pp. 1569-1574, 2019.
- S. Britto Ramesh Kumar and I. Carol, “**Security Framework for Context Aware Mobile Web Services**”, Springer Lecture Notes on Data Engineering and Communication Technologies, Vol.26. pp. 968-972, 2019.
- S. Britto Ramesh Kumar and A. Beatrice Dorothy, “**DORBRI: An Architecture for the DoD Security Breaches Through Quantum IoT**”, Springer Lecture Notes on Data Engineering and Communication Technologies, Vol.26, pp.491-496, 2019.
- S. Britto Ramesh Kumar and J. Vimal Rosy, “**Security Threats in Cloud Computing**”, Asian Journal of Computer Science and Technology, Vol. 8, pp.80-83, 2019.
- S. Britto Ramesh Kumar and A. Angel Preethi, “**Dom_classi: An enhanced weighting mechanism for Domain Specific Words**”, International Journal of Applied Engineering Research, Vol.14(1), pp. 140-148, 2019.
- S. Britto Ramesh Kumar and George Gabriel Richard Roy, “**An Architecture to Enable Secure Firmware Updates on a Distributed-Trust IoT Network Using Blockchain**”, Springer Lecture Notes on Data Engineering and Communications Technologies, Vol. 1, pp. 671-679, 2019.
- S. Britto Ramesh Kumar and George Gabriel Richard Roy, “**A Security Framework for A Sustainable Smart Ecosystem using Permissioned Blockchain: Performance Evaluation**”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8(10), pp. 4247-4250, 2019.
- S. Britto Ramesh Kumar and J. Antony John Prabhu, “**Performance Analysis Of Proposed D1FTBC Approach For Improving Consistency In Cloud Data Transactions**”, International Journal Of Scientific & Technology Research, Vol. 8(08), pp. 1803-1807, 2019.

- S.Britto Ramesh Kumar and J. Antony John Prabhu, “**Performance of Proposed Architecture for Data Transactions in Cloud using D1FTBC**”, International Journal of Recent Technology and Engineering (IJRTE), Vol. 8(02), pp. 5390-5395, 2019.
- S.Britto Ramesh Kumar and A. Angel Preethi, “**NIC_LBA: Negations and Intensifier Classification of microblog data using Lexicon Based Approach**”, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 6(6), pp. 753-759, 2019.
- S.Britto Ramesh Kumar and B. Rex Cyril, “**SECON: Secured Confidentiality Framework To Protect Data Stored In Public Cloud Systems**”, International Journal Of Information And Computing Science, Vol. 6(05), pp. 406-417, 2019.
- S.Britto Ramesh Kumar and B. Rex Cyril, “**Hybrid Text and Value Based N-cryption and Obfuscation (Tvencobfus) To Safeguard Data in Cloud Storage Server**”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.8(10), pp. 3446-3450, 2019.
- S.Britto Ramesh Kumar and George Gabriel Richard Roy , “**A Security Architecture for a Smart Home Ecosystem using Permissioned Blockchain**”, International Journal of Research and Analytical Reviews (IJRAR), 2348 – 1269, Vol. 6, Issue 1, pp. 860-864, Feb 2019.
- S.Britto Ramesh Kumar and A.Angelpreethi, “**Dom_classi: An enhanced weighting mechanism for Domain Specific Words**”, International Journal Of Research and Analytical Reviews, 0973-9769, Vol. 5, Issue 4, Oct 2018.
- S.Britto Ramesh Kumar and A.Angelpreethi, “**Dictionary based Approach for improving the Accuracy of opinion mining on Big data**”, International Journal Of Research and Analytical Reviews, 2348-1269, Vol. 5, Issue 4, Oct 2018.
- S.Britto Ramesh Kumar and A. Angelpreethi, “**Opinion Mining using Hybrid Approach on Big Data : A Perspective**”, International Journal of Scientific Research in Computer Science Applications and Management Studies, 2319-1953, Vol. 7, Issue5, September 2018.
- S.Britto Ramesh Kumar, K.Subash and P.Joseph Charles, “**A Survey on QoS Metrics in Web Services**”, International Journal of Science and Advance Research in Technology (IJSART), 2395 – 1052, Volume 4, Issue 9, pp. 37 – 41, September, 2018.
- S.Britto Ramesh Kumar, K.Subash and P.Joseph Charles, “**An Architecture for Improving the QoS in Composite Web Service Selection**”, International Journal of

Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS), 2319 – 1953, Vol.7, Issue 4, July, 2018.

- S.Britto Ramesh Kumar, K.Subash and P.Joseph Charles, “**An Architecture for Improving the QoS in Composite Web Service Selection**”, International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS), 2319 – 1953, Vol.7, Issue 4, pp.37-41, July, 2018.
- S.Britto Ramesh Kumar and A. Sagaya Priya, “**A Study on Various Tools to Overcome Security Issues in Big Data**”, International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS), 2319 – 1953, Vol.7, Issue 4, July, 2018.
- S.Britto Ramesh Kumar, A.Angelpreethi and P.kiruthika, “**A Methodological Framework for Opinion Mining**”, International Journal of Computer Sciences and Engineering, 2347-2693, Vol. 5, Issue 8, March 2018.
- S. Britto Ramesh Kumar and I. Carol, “**Comparative Study of Conflict Identification and Resolution in Heterogeneous Datasets**”, Springer Lecture Notes on Data Engineering and Communication Technologies, 2367-4512, Vol. 26, pp. 1436-1441, 2018.
- S.Britto Ramesh Kumar and P.Joseph Charles, “**Security Framework for Context Aware Mobile Web Services**”, Springer Lecture Notes on Data Engineering and Communication Technologies, 2367-4512, Vol. 26, pp. 968-972, 2018.
- S.Britto Ramesh Kumar and P.Joseph Charles, “**An Enhanced Multi-Layered Secured Architecture for Context-Aware Web Services**”, World Wide Journal of Multidisciplinary Research and Development, 2454-6615, Vol.4, Issue 2, pp.168-172, 2018.
- S. Britto Ramesh Kumar and J. Vimal Rosy, “**Cloud Network Security using Biometrics**”, Journal of Innovative Research and Solutions (JIRAS), 2320-1932, Vol.4, Issue 1, pp.5-13, 2018.
- S. Britto Ramesh Kumar and J. Vimal Rosy, “**Security Architecture of Cloud Computing**”, International Journal of Electrical, Electronics and Computer Science Engineering (IJECCSE), 2348-2273, pp.58-61, 2018.

- S.Britto Ramesh Kumar and P.Joseph Charles, “**An Enhanced Multi-Layered secured Architecture for Context-Aware Web Services**”, World Wide Journal of Multidisciplinary Research and Development, 2454-6615, 2018.
- S.Britto Ramesh Kumar and J. Antony John Prabhu, “Proposed Architecture for Improving Security and Consistency of Data Transactions in Cloud Database using Tree-Based Consistency Approach”, International Journal of Computer Science and Information Security (IJCSIS), 1947-5500, Vol.15, No.12, pp.118-126, December 2017.
- S.Britto Ramesh Kumar and J. Antony John Prabhu, “**An Efficient Depth Fixed Tree Consistency (DIFTC) Method for Distributed Data Transactions in Cloud Environment**”, International Journal of Advanced Research in Computer Science, 0976-5697, Vol. 08(07), pp. 936-942, Aug- 2017.
- S.Britto Ramesh Kumar and B. Rex Cyril, “**Dynamic and Scalable Architecture for accessing the Cloud Databases and Securing Cloud Services Using Public Key Infrastructure**”, International Journal Of Scientific Research in Computer , Engineering and Information Technology(IJSCSEIT), Vol. 2,Issue(06), pp. 2456-3307, 2017.
- S.Britto Ramesh Kumar and B. Rex Cyril, “**Data Division in Cloud for secured Data Storage using RSA Algorithm**”, International Research Journal of Engineering and Technology (IRJET), 2395 -0056, Vol. 04(06),pp. 455-460, June-2017.
- S.Britto Ramesh Kumar and B. Rex Cyril, “**Role Based Access Control Model (RBACM) With Efficient Genetic Algorithm (GA) for Cloud Data Encoding, Encrypting and Forwarding**”, International e-Journal for Technology and Research, 2465-3289, Vol.01(06), pp. 1-8, June-2017.
- S.Britto Ramesh Kumar and B. Rex Cyril, “**Ant Colony Model (AnCoMoDaS) for Data Security in Cloud**”, International Research Journal of Engineering and Technology (IRJET), 2395 -0056, Vol. 04(05),pp. 1004-1007, May-2017.
- S.Britto Ramesh Kumar, S. Thiraviya Regina Rajam and G.Karthiga, ”**Security BM Technique using in Digital Image Processing**”, International Journal of Computer Science (IJCS), 2348-6600, Vol.5(1), pp. 1524-1528, Feb 2017. (IF: 7.73)
- S.Britto Ramesh Kumar and S. Thiraviya Regina Rajam, “**Online Social Networking Services Impact on Big Data**”, International Journal of Computer Science (IJCS), 2348-6600, Vol.5(1), pp. 1502-1506, Feb 2017. (IF: 7.73)

- S.Britto Ramesh Kumar, P.Joseph Charles and T. Jayapriya, “**Security Issues On Composite Web Services**”, ”, International Research Journal of Engineering and Technology (IRJET), 2395-0072, Vol.03(06), pp.2442-2446, June 2016. (IF: 5.181)
- S.Britto Ramesh Kumar, P.Joseph Charles and P. Dinesh, “**Security Issues in Web Services**”, International Research Journal of Engineering and Technology (IRJET), 2395-0072, Vol.03(5), pp.909-914, May 2016. (IF: 5.181)
- S.Britto Ramesh Kumar, P.Joseph Charles and W.M.VinithaRajakumari, “**Security Issues in Context-Aware System**”, International Research Journal of Engineering and Technology (IRJET), 2395-0072, Vol.03(5), pp.1-5, May 2016. (IF: 5.181)
- S.Britto Ramesh Kumar and A.Angelpreethi, “**Visualizing Big Data mining: Issues, Challenges and Opportunities**”, International Journal of Control Theory and Applications (IJCTA), 0974-5572, Vol.9(27), pp. 455-460, Aug 2016. [SCOPUS Indexed] (IF : 0.53)
- S.Britto Ramesh Kumar and A.Beatrice Dorothy, “**Internet of Things: Data Management and Security**”, International Journal of Control Theory and Applications (IJCTA), 0974-5572, Vol.9(26), pp. 115-120, Aug 2016. [SCOPUS Indexed] (IF : 0.53)
- S.Britto Ramesh Kumar and P.Joseph Charles, “**An Enhanced Multi-Layered Security Framework for Context-Aware Mobile Web Services**”, International Journal of Computer Applications (IJCA), 0975 – 8887, Vol.146(15), pp.1-4, July 2016. (IF : 3.12)
- S.Britto Ramesh Kumar and S. Thiraviya Regina Rajam, “**An Innovative Security Architecture and Algorithm for Social Network Services**”, International Conference on Modelling, Simulation and Control, 1819-6608, Vol. 11(2), PP. 1101-1105, Jan 2016. [SCOPUS Indexed]
- S.Britto Ramesh Kumar, R. Vengadeswari and P.Joseph Charles, “**Survey on Privacy Preservation in context aware web services**”, Indian Journal of Computer Science and Engineering, 0976-5166, Vol. 6(6), PP. 169-175, Jan 2016.
- S.Britto Ramesh Kumar, R. Vengadeswari and P.Joseph Charles, “**Context-Aware In Privacy Preservation For Health Care Systems**”, International Journal of Advanced Computer Technology, 2319-7900, Vol. 4(5), PP. 8-13, 2015.
- S.Britto Ramesh Kumar, A. Vijaya Lakshmi and P.Joseph Charles, “**Security on Mobile Social Networks**”, International Journal of Advance Research in Computer Science and Management Studies, 2321-7782, Vol. 3(9), PP. 126-131, Sep 2015.

- S.Britto Ramesh Kumar, A. Vijaya Lakshmi and P.Joseph Charles, “**Survey On Mobile Social Networks**”, International Research Journal of Engineering and Technology”, 2395-0056, Vol. 2(6), PP. 637-641, Sep 2015.
- S.Britto Ramesh Kumar and P.Joseph Charles, “**A Multi-Layered Secured Framework for Context-Aware Web services in Health care Industries**”, International Journal of Applied Engineering Research, 0973-4562, Vol. 10(82), PP. 554-560, 2015. [SCOPUS Indexed]
- S.Britto Ramesh Kumar and George Gabriel Richard Roy, “**Security issues in Internet of Things using Next Generation Mobile Networks**”, International Journal of Applied Engineering Research, 0973-4562, Vol. 10(82), PP. 528-531, 2015.
- S.Britto Ramesh Kumar and B. Rex Cyril, “**Enhanced Elliptical Curve Cryptography Based PKI for Secure Data Storage in a Cloud**”, International Journal of Applied Engineering Research, 0973-4562, Vol. 10(82), PP. 65-71, 2015. [SCOPUS Indexed]
- S.Britto Ramesh Kumar and J. Antony John Prabhu, “**Proposed Architecture for secure Distributed Data Transaction Management in Cloud Environment**”, International Journal of Applied Engineering Research, 0973-4562, Vol. 10(82), PP. 489-497, 2015. [SCOPUS Indexed]
- S.Britto Ramesh Kumar and P.Meenakshi Sundari, “**Semi-Automatic Techniques for Estimating Climatic Conditions Recorded In The Tree Rings**”, International Journal Of Computer Trends And Technology (IJCTT), 2231-2803. Vol. 29(1), PP. 19 – 22, Nov 2015.
- S.Britto Ramesh Kumar and P.Meenakshi Sundari, “**Proposed Hough Technique For Estimating Climatic Conditions Recorded In The Cross Section Of Tree Images**”, IOSR Journal Of Computer Engineering (IOSR-JCE), 2278-0661, Vol. 17(6), PP. 1-4, Dec 2015.
- S.Britto Ramesh Kumar and I.Carol, “**Conflict Resolution and Duplicate Elimination in heterogeneous datasets using Unified Data Retrieval Techniques**”, Indian Journal of Science and Technology, 0974-5645, Vol. 8(22), PP. 1-6, Sep 2015. [SCOPUS Indexed]
- S.Britto Ramesh Kumar and M.Kasthuri, “**A Framework for Language Independent Stemmer using Dynamic Programming**”, International Journal of Applied Engineering Research, 0973-4562, Vol. 10(18), PP. 39000 - 39004, 2015. [SCOPUS Indexed]
- S.Britto Ramesh Kumar and I.Carol, “**Learning Behavior Analysis Using Data Mining Techniques**”, International Journal of Applied Engineering Research, 0973-4562, Vol. 10(82), PP. 532-537, 2015. [SCOPUS Indexed]
- S.Britto Ramesh Kumar and S. Thiraviya Regina Rajam, “**Enhanced Elliptic Curve Cryptography**”, Indian Journal of Science and Technology, 0974-5645, Vol. 8(26), PP. 1-6, Oct 2015.

- S.Britto Ramesh Kumar and S. Thiraviya Regina Rajam, “**A Security Framework for Social Network Services**”, International Journal of Applied Engineering Research, 0973-4562, Vol. 10(82), PP. 307-314, 2015. [SCOPUS Indexed]
- S.Britto Ramesh Kumar and B. Rex Cyril, “**Cloud Computing Data Security Issues, Challenges, Architecture and Methods- A Survey**”, International Research Journal of Engineering and Technology (IRJET), Volume: 02 Issue: 04, e-ISSN: 2395-0056, pp. 848 -857,July-2015.
- S.Britto Ramesh Kumar and J.Antony John Prabu, “**Issues and Challenges of Data Transaction Management in Cloud Environment**”, International Research Journal of Engineering and Technology (IRJET), Volume: 02 Issue: 04, e-ISSN: 2395 -0056,ISSN: 2395-0072, pp: 123 to 128, July-2015.
- S.Britto Ramesh Kumar and I.Carol, “**Feedback Based Conflict Identification and Resolution using Duplicate Elimination and Ranking Techniques**”, *International Journal Of Computers & Technology*, June 2015.
- S.Britto Ramesh Kumar and S.Thiraviya Regina Rajam, “**An Implementation of Three Layered Net-Chk Two Factors Online Social Network Model for Privacy**”, In proceedings of the International Conference on Electrical, Computer and Communication Technolgies (ICECCT 15), vol.2 pp.497-501, 2015
- S.Britto Ramesh Kumar and I.Carol, “**Conflict Identification and Resolution in Heterogeneous Datasets: A Comprehensive Survey**”, *International Journal of Computer Applications (0975 – 8887)*, Volume 113 – No. 12, March 2015.
- S.Britto Ramesh Kumar and S.Thiraviya Regina Rajam, “**SMIWBSN: Security Mechanism in Web Based Social Network**”, International Journal of Emerging Trends in Computing and Communication Technology(IJETCCT), vol.1, ISSN:2348-4454,pp.55-64, 2014.
- S.Britto Ramesh Kumar and M.Kasthuri, “**A Comprehensive Analyze of Stemming Algorithms for Indian and Non-Indian Languages**”, International Journal of Computer Engineering & Applications (IJCEA), Vol.7, Issue.3, pp.1-8, ISBN:2321-3469, September 2014.
- S. Britto Ramesh Kumar,P.Joseph Charles and R.Stephen, “**A Review on Privacy Control Techniques in Context-aware Web Services**” International Journal of

Advanced Research in Computer Science & Technology (IJARCST), Vol. 2, Issue 3,ISSNO.:2347-8446, July-Sept.2014,(**Impact Factor: 0.889**).

- S. Britto Ramesh Kumar, P.Joseph Charles and G.Bharathy,”**An Architecture for Securing Heterogeneous Web Services**” International Journal of Advanced Research in Computer Science & Technology (IJARCST), Vol. 2, Issue 3, ISSNO.:2347-8446, July-Sept.2014, (**Impact Factor: 0.889**).
- S. Britto Ramesh Kumar,P.Joseph Charles and P.Priya,” **Context-Aware Architecture for User Access Control**” International Journal of Advanced Research in Computer Science & Technology (IJARCST), Vol. 2, Issue 3, ISSNO.:2347-8446, July-Sept.2014, (**Impact Factor: 0.889**).
- S. Britto Ramesh Kumar, P.Joseph Charles and R.Stephen,” **A Framework for Privacy Handler Mechanism in Context-Aware Web Services**” International Journal of Advanced Research in Computer Science & Technology (IJARCST), Vol. 2, Issue 3, ISSNO.:2347-8446, July-Sept.2014, (**Impact Factor: 0.889**).
- S.Britto Ramesh Kumar, M.Kasthuri, and R.Vijaya Lakshmi “**Literature Review: Stemming Algorithm for Indian and Non-Indian Languages**”, International Journal of Advanced Research in Computer Science & Technology (IJARCST), Vol. 2, Issue 3, ISSNO:2347-8446, July-Sept.2014, (**Impact Factor: 0.889**).
- S.Britto Ramesh Kumar and M.Kasthuri, “**Multilingual Phonetic Based Stem Generation**”, Second International Conference on Emerging Research in Computing, Information Communication and Applications (ERCICA-2014), Vol.1, pp.437-442, Elsevier Publications, 01-02 August 2014.
- S.Britto Ramesh Kumar and I.Carol, “**Inconsistency Resolution and Joint Information Extraction from Multiple Data Sources**”, *International Journal of Advanced Research in Computer and Communication Engineering* ,ISSN (Online):2278-1021, ISSN (Print): 2319-5940 Vol. 3, Issue 7, July 2014.
- S.Britto Ramesh Kumar and M.Kasthuri, “**A Novel Approach for Phonetic Based Stem Generation Using Edit Distance and Longest Common Subsequences**”, *International Journal of Engineering Research and Technology (IJERT)*, ISSN: 2278-0181, May 2014.
- S.Britto Ramesh Kumar and M Kasthuri, “**An Improved Rule based Iterative Affix Stripping Stemmer for Tamil Language using K-Mean Clustering**”, *International*

Journal of Computer Applications (IJCA), Published by Foundation of Computer Science, New York, USA, ISSN: 0975 – 8887, Vol.94(13), pp.36-41, May 2014.

- S.Britto Ramesh Kumar and S.Theraviya Regina Rajam, “**Hybrid Algorithm for Web based Social Network**”, In: International Journal of Engineering Research and Technology (IJERT), ISSN 2278-0181, Vol3,Iss.5 , pp. 112-118, May 2014.
- S.Britto Ramesh Kumar and M Kasthuri, “**An Improved Rule based Iterative Affix Stripping Stemmer for Tamil Language using K-Mean Clustering**”, *International Journal of Computer Applications (IJCA)*, Published by Foundation of Computer Science, New York, USA, ISSN: 0975 – 8887, Vol.94(13), pp.36-41, May 2014.
- S.Britto Ramesh Kumar and P.Meenakshi Sundari, “**A Study Of Image Processing In Analyzing Tree Ring Structure** “,In: International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL), Vol. 2, Issue 3, pp.13-18, Mar 2014.
- S.Britto Ramesh Kumar and P.Meenakshi Sundari, “**Comparison of Various Edge Detection Techniques in Tree Ring Structure**” In: International Journal of Computer Applications, ISBN: 973-93-80880-89-1, Volume No. 90–19, pp.0975 – 8887, March 2014.
- S.Britto Ramesh Kumar and S.Theraviya Regina Rajam, “**Two Factor Framework For Web Based Social Network Based On PKI**”, In: International Journal on Advanced Computer Theory and Engineering(IJACTE), print: 2319-2526, Vol3, Iss.1 pp. 56-64,February 2014.
- S.Britto Ramesh Kumar and Thiraviya R Rajam, “**Security and Privacy issues in Social Network Services : An Overview**”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, ISSN : 2321 – 2004,Vol.2, issue 1, pp. 757-759, January 2014. (**Impact Factor: 1.112**)
- S.Britto Ramesh Kumar and Thiraviya R Rajam, “**Social Network Services: An Overview**”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol. 3, Issue 1, January 2014. (**Impact Factor: 1.112**)
- S.Britto Ramesh Kumar and Thiraviya R Rajam, “**Net-Chk: A Security Framework For Social Networking Applications**”, International Journal of Advanced Research in

Computer and Communication Engineering (IJARCCE), Vol. 2, Issue 12, pp.4866-4873, December 2013. (**Impact Factor: 1.770**)

- S.Britto Ramesh Kumar and M.Kasthuri, “**A Comparative Study on Variants of Classical Porter Stemmer Algorithm**”, *An International Journal of Scientific Transactions In Environment And Technovation (IJSTET)*, Vol.6, Issue: 4, ISSN: 0973 - 9157, Page.No: 185-188, June 2013
- S.Britto Ramesh Kumar and I. Carol, “**Categorization of Metabolic Syndrome X Among Adults Using Learning Techniques**”, *CiiT - International Journal of Data Mining and Knowledge Engineering*, DOI: DMKE052013003, **India**, May 2013.
- S.Britto Ramesh Kumar, Thiraviya R Rajam, P.Joseph Charles, “**Extending Social Privacy Protector for Twitter Social Network**”, *CiiT - International Journal of Networking and Communication Engineering*, Vol.5, No.01, pp.27-32, **India**, January 2013. (**Impact Factor: 0.569**)
- S.Britto Ramesh Kumar and M.Kasturi, “*A Comprehensive Study on Stemming Algorithms*”, In: *Software Quality Engineering for Enterprise and Cloud Computing*, ISBN: 978-93-82062-64-6, pp. 33-40, December 2012.
- S.Britto Ramesh Kumar and S. Albert Rabara, “**An End-to-End Secure Mobile Payment System using Public Key Infrastructure**”, *Journal of Algorithms and Computational Technology (JACT)*, (ISSN:1748-3018), Volume 6, Number 3, pp.395-410, **Multi-Science Publishing Co. Ltd., United Kingdom**, September 2012.
- S.Britto Ramesh Kumar and S. Albert Rabara, “**Multi-level Security for Integrated Financial Mobile Web Services Using Federated ESB**”, *International Journal of Computer Applications (IJCA)*, (ISSN: 0975-8887), Volume 32, Number 10, pp.39-45, **United States**, October, 2011. (**Impact Factor: 0.835**)
- S.Britto Ramesh Kumar, A. Arun Gnana Raj and S. Albert Rabara, “**Adopting Cloud Computing for Distributed Auto Synchronized POS Applications**”, *International Journal of Computing Technology and Information Security (IJCTIS)*, (ISSN:2231-1998), Volume 1, Number 1, pp.76-81, **Heber Publications, India**, March 2011.
- S.Britto Ramesh Kumar and S. Albert Rabara, “**An Architectural Framework for the development of Secure Mobile Payment System**”, *Journal of Algorithms and*

Computational Technology (JACT), (ISSN:1748-3018), Volume 4, Number 4, pp.443-462, **Multi-Science Publishing Co. Ltd., United Kingdom**, December 2010.

- S.Britto Ramesh Kumar and S. Albert Rabara, “**An Architectural Design for Secure Mobile Remote Macro-Payments**”, *Journal of Next Generation Information Technology (JNIT)*, (ISSN:2092-8637), Volume 1, Number 2, pp.75-84, **Human and Sciences Publication**, Gyeongbuk, **Korea**, August, 2010.
- S.Britto Ramesh Kumar and S. Albert Rabara, “**MPCS: Secure Account-based Mobile Payment System**”, *International Journal of Information Processing and Management (IJIPM)*, (ISSN:2093-4009), Volume 1, Number 1, pp.59-69, **Human and Sciences Publication**, Gyeongbuk, **Korea**, July 2010.
- S.Britto Ramesh Kumar and S. Albert Rabara, “**MPCS: An Account-based Secure Mobile Payment Consortia System for Educational Institutions**”, **SPRINGER-VERLAG**, (ISSN:1865-0929), Volume 70, pp.582–585, March 2010.

International Conference Proceedings Publications:

- S.Britto Ramesh Kumar and A. Sagaya Priya, “*A Framework for Evaluation of Ensemble Algorithms for Intrusion Detection*”, International Conference on the Impact of Disruptive Technologies (ICIDT), pp.145-149, on 8-9th January 2024 at St.Joseph’s College, Tiruchirappalli.
- S.Britto Ramesh Kumar and M. Merla Agnes Mary, “*Removal of ECG Signal Noise to improve the SNR using Kalman Filter*”, International Conference on the Impact of Disruptive Technologies (ICIDT), pp.123-129, on 8-9th January 2024 at St.Joseph’s College, Tiruchirappalli.
- S.Britto Ramesh Kumar and J. Francis Julee Rajam, “*A Journey through Data Analytics with Artificial Intelligence*”, International Conference on the Impact of Disruptive Technologies (ICIDT), pp.117-122, on 8-9th January 2024 at St.Joseph’s College, Tiruchirappalli.
- A. Beatrice Dorothy, S. Britto Ramesh Kumar, J. Jerlin Sharmila, “*IoT based Home Security through Digital Image Processing Algorithms*”, 2nd World Congress on Computing and Communication Technologies(WCCCT ’16), 978-1-5090-5573-9, **IEEE Xplore**, pp. 20-23, 2017.

- S. Britto Ramesh Kumar, P.Meenakshi Sundari and A. Joseph Sahayaraj, “***An Approach For Analyzing The Factors Recorded In The Tree Rings Using Image Processing Techniques***”, 2nd World Congress on Computing and Communication Technologies(WCCCT '16), 978-1-5090-5573-9, **IEEE Xplore**, pp.236-239, 2 – 4th February 2017.
- S. Britto Ramesh Kumar, M.Kasthuri and Dr.Souheil Khaddaj, “***PLIS: Proposed Language Independent Stemmer for Information Retrieval Systems Using Dynamic Programming***”, 2nd World Congress on Computing and Communication Technologies(WCCCT '16), 978-1-5090-5573-9, **IEEE Xplore**, pp. 132-135, 2 – 4th February 2017.
- S. Britto Ramesh Kumar and A.Angelpreethi, “***An Enhanced Architecture For Feature Based Opinion Mining From Product Reviews***”, 2nd World Congress on Computing and Communication Technologies(WCCCT '16), 978-1-5090-5573-9, **IEEE Xplore**, pp. 89-92, 2 – 4th February 2017.
- S. Britto Ramesh Kumar and A.Beatrice Dorothy, “***IoT based Home Security through Digital Image Processing Algorithms***”, 2nd World Congress on Computing and Communication Technologies(WCCCT '16), 978-1-5090-5573-9, **IEEE Xplore**, pp.20-23, 2 – 4th February 2017.
- S. Britto Ramesh Kumar and S. Thiraviya Regina Rajam, “***An Implementation of Three Layered Net-Chk Two Factors Online Social Network Model for Privacy***”, SVS College of Engineering, Coimbatore, *International Conference on Electrical, Computer and Communication Technologies*, 978-1-4799-608S-9, Vol2, PP.1-5, 5th to 7th March 2015
- S. Britto Ramesh Kumar and I.Carol, “***Resolving Data Inconsistency in Data Integration***”, *International Conference on Contemporary Computing and Informatics (IC3I)*, 978-1-4799-6629-5/14, 2014 **IEEE**.
- S. Britto Ramesh Kumar and P.Joseph Charles, “***Design of a Secure Architecture for Context-Aware Web Services Using Access Control Mechanism,***”, *International Conference on Contemporary Computing and Informatics (IC3I)*, 978-1-4799-6629-5/14, 2014 **IEEE**.
- S. Britto Ramesh Kumar and M.Kasthuri, “***Multilingual Phonetic Based Stem Generation***”, In: Proceedings of the *Second International Conference on Emerging*

Research in Computing, Information Communication and Applications (ERCICA-2014), Bangalore, India, 1-2 August 2014. [Accepted]

- S. Britto Ramesh Kumar and M.Kasturi, “**A Novel Approach for Phonetic Based Stem Generation Using Edit Distance and Longest Common Sub sequences**” ,In : *International Journal of Engineering Research and Technology (IJERT)*,ISSN: 2278-0181,pp. 242 – 245,May 2014.
- S.Britto Ramesh Kumar and M.Kasturi, “**Rule-based Machine Translation System from English to Tamil**”, In: *Proceedings of the IEEE World Congress on Computing and Communication Technologies (WCCCT'14)*, Tamilnadu, 27th February – 1st March 2014.
- S.Britto Ramesh Kumar, Prakash Raj Perumal and George Gabriel Richard Roy, “**Security Analysis of Future Enterprise Business Intelligence**”, In: *Proceedings of the IEEE World Congress on Computing and Communication Technologies (WCCCT'14)*, Tamilnadu, 27th February – 1st March 2014.
- S.Britto Ramesh Kumar and P.Meenakshi Sundari, “**An Approach for Dendroclimatology using Image Processing Techniques**”, In: *Proceedings of the IEEE World Congress on Computing and Communication Technologies (WCCCT'14)*, Tamilnadu, 27th February – 1st March 2014.
- S. Britto Ramesh Kumar and P.Joseph Charles, “**Automated secured disaster recovery with hyper –v replica and power shell** In: *Proceedings of the IEEE World Congress on Computing and Communication Technologies (WCCCT'14)*, Tamilnadu, pp.15-153, 27th February – 1st March 2014.
- S. Britto Ramesh Kumar and M.Kasthuri, “**Systematic Optimization and Refinement of Stemmer Rule Set Using NLTK**”, In: *Proceedings of the International Conference on Contemporary Trends in Computer Science (CTCS - 2014)*, 20-21st February, 2014.
- S. Britto Ramesh Kumar and P.Joseph Charles, “**A Context-Aware Multi-Agent System as a Middleware for Ambient Intelligence**”, In: *Proceedings of the International Conference on Cloud Computing and Service Engineering (CLUSE'13)*, Kerala, 18th – 20th December 2013.
- S.Britto Ramesh Kumar and George Gabriel Richard Roy “**A Survey on Security Issues in 3G Networks**”, In: *Proceedings of the International Conference on Cloud Computing and Service Engineering (CLUSE'13)*, Kerala, 18th – 20th December 2013.

- S.Britto Ramesh Kumar and I. Carol, “**Challenging Issues in Web Mining**”, In: Proceedings of the *International Conference on Cloud Computing and Service Engineering (CLUSE’13)*, Kerala, 18th – 20th December 2013.
- S.Britto Ramesh Kumar and M.Kasthuri, “**A Comprehensive Study on Stemming Algorithms**”, In: Proceedings of the *5th International Conference on Semantic E-Business and Enterprise Computing (SEEC)*, 13th -15th December 2012.
- S.Britto Ramesh Kumar, “**An Architectural Design for Secure Financial Services using Mobile Cloud Technology**”, In: *Proceedings of the International Conference on Semantic E-Business and Enterprise Computing (SEEC’12)*, Republic of Mauritius, December 2012.
- S.Britto Ramesh Kumar and M.Kasthuri, “**A Comprehensive Study on Stemming Algorithms**”, In: *Proceedings of the International Conference on Semantic E-Business and Enterprise Computing (SEEC’12)*, Republic of Mauritius, December 2012.
- S. Britto Ramesh Kumar, J.Ronald Martin, and S. Albert Rabara, “**An Architecture for Integrated and Intelligent Security for Mobile Web Services**”, In: *Proceedings of the International Conference on Intelligent Infrastructure (ICII)*, Computer Society of India (CSI), pp.216-222, Calcutta, December 2012.
- S. Britto Ramesh Kumar and S. Albert Rabara, “**An Academic Institutional Consortia for Secure Mobile Payments Using Short Message Service**”, In: Abstract of the *Heber International Conference on Applications on Mathematics and Statistics (HICAMS’12)*, (ISBN: 978-93-81361-64-1), pp.82, **Excel India Publishers**, New Delhi, **India**, 2012.
- S. Britto Ramesh Kumar and S. Albert Rabara, “**Integrated Payment System using Mobile Web Services Technology**”, In: *Proceedings of the 4th International Conference on Semantic E-Business and Enterprise Computing (SEEC’11)*, **Excel India Publishers**, New Delhi, **India**, 2011.
- S. Britto Ramesh Kumar and S. Albert Rabara, “**An Architectural Framework for the Development of Payment Applications in an Integrated Environment**”, In: *Proceedings of the International Conference on Software Engineering Research and Practice (SERP)* (ISBN:1-60132-160-0), *WORLDCOMP’10*, Volume 1, pp.167-173, CSREA Press, Las Vegas Nevada, **USA**, 2010.
- S. Britto Ramesh Kumar and S. Albert Rabara, “**MPCS: An Account-based Secure Mobile Payment Consortia System for Educational Institutions**”, In: *Proceedings of the*

International Conference on Recent Trends in Business Administration and Information Processing (BAIP) (ISBN:978-3-642-12213-2), Volume 70, pp.582–585, Kerala, India, 2010.

- S. Britto Ramesh Kumar and S. Albert Rabara, “**Performance Evaluation on Mobile Payment Consortia System**”, In: *Proceedings of the 3rd International Conference on Semantic E-Business and Enterprise Computing (SEEC’10)*, Towards Quality Driven Software Applications and Infrastructures, (ISBN: 93-80697-10-4), pp.31-39, Excel India Publishers, New Delhi, India, 2010.
- S. Britto Ramesh Kumar, S. Albert Rabara and J. Ronald Martin, “**A System Model and Protocol for Mobile Payment Consortia System**”, In: *Proceedings of the IEEE International Conference on Test and Measurement (ICTM’09)*, ISBN:978-1-4244-4699-5, Volume 2, pp.438-442, IEEE Xplore, Hongkong, 2010.
- S. Britto Ramesh Kumar, S. Albert Rabara and J. Ronald Martin, “**MPCS: A Secure Mobile Payment Consortia System for Higher Educational Institutions**”, In: *Proceedings of the 2nd ACM International Conference on Computer Sciences and Convergence Information Technology (ICCIT’09)*, (ISBN: 978-1-60558-710-3), Volume 403, pp.571-579, ACM, Seoul, Korea, 2009.
- S. Britto Ramesh Kumar and S. Albert Rabara, “**PKI-based Mobile Payment Consortia System**”, In: *Proceedings of the 2nd International Conference on Semantic E-business and Enterprise Computing (SEEC’09)*, (ISBN: 978-81-907337-0-0), pp.189-194, Tiruchirappalli, Tamilnadu, India, 2009.
- S. Britto Ramesh Kumar, A. Arun Gnana Raj and S. Albert Rabara, “**A Framework for Mobile Payment Consortia System (MPCS)**”, In: *Proceedings of the IEEE International Conference on Computer Science and Software Engineering (CSSE’08)*, (ISBN: 978-0-7695-3336-0), Volume 2, pp.43–47, IEEE Computer Society, Wuhan, China, 2008.
- S. Britto Ramesh Kumar, A. Arun Gnana Raj and S. Albert Rabara, “**MPCS: Mobile Payment System and Services**”, In: *Proceedings of the International Conference on Managing Next Generation Software Applications (MNGSA’08)*, (ISBN: 978-81-907870), pp.953-961, Shri Garuda Publications, Coimbatore, Tamilnadu, India, 2008.
- S. Britto Ramesh Kumar, C. Narendiran, A. Arun Gnana Raj and S. Albert Rabara, “**A Framework for Mobile Payment System**”, In: *Proceedings of the 1st International*

Conference on Semantic E-business and enterprise computing (SEEC'08), (ISBN: 978-81-907337-0-0), pp.153–162, Kerala, India, 2008.

- S.Britto Ramesh Kumar, and R.Dhanapal, "**Enrollment of e-girls**", *First Annual Conference on Women in Information Technology (WIT'02)*, Annamalai University, Chidambaram, Tamil Nadu, India.

National Conference Proceedings Publications:

- S.Britto Ramesh Kumar and J. Vimal Rosy, "**A Study on Machine Learning and Python's Framework**", National Conference on Machine Learning and Artificial Intelligence, pp.343-349, on 4th August 2023 at Thiruthangal Nadar College, Chennai.
- S.Britto Ramesh Kumar and J. Vimal Rosy, "**Cloud Computing Data Security using Hybrid**", National Conference, Guru Nanak College, Chennai, 3rd Feb 2018.
- S.Britto Ramesh Kumar and S.Theraviya Regina Rajam, "**Security Challenges for Online Social Network: Models & Mechanism**", National Conference on Information Technology & Computer Security (NCIT&CS), July 2014.
- S.Britto Ramesh Kumar and M.Kasthuri, "**A Novel Approach for Phonetic Based Stem Generation Using Edit Distance and Longest Common Subsequences**", *National Conference on Information Technology for Sustainable Future (NCITSF'14)*, 09th May 2014.
- S.Britto Ramesh Kumar and S.Theraviya Regina Rajam, "**Hybrid Algorithm for Web based Social Network**" In: National Conference on Information Technology For Sustainable Future (NCITSF14) , ISSN 2278-0181, page no.112-118,May 2014.
- S.Britto Ramesh Kumar, S.Divya and A.Emima, "**An Architecture for Medical and Healthcare Services using Wireless Body Area Sensor Networks**", *National Conference on Advanced Computing (NCAC'12)*, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India, 1st March 2012.
- S. Britto Ramesh Kumar, A. Arun Gnana Raj and S. Albert Rabara, "**MPCS: SMS-based Secure Mobile Payment System**", In: *Proceedings of the National Conference on Network Security (NCNS'08)*, pp.121-128, Nagercoil, Tamil Nadu, India, 2008.
- S.Britto Ramesh Kumar and Vinod Pradeep, "**E-Governance @ 2020**", *National Conference on Middleware Technologies (MET'07)*, Vinayaka Mission's University, Salem, Tamil Nadu, 5th April 2007.

- S.Britto Ramesh Kumar, and J.Daniel Jaipandian, “*E-ticketing*”, *National Seminar on Cyber Impact on Society*, Sponsored by UGC, Tiruchirappalli, Tamilnadu, 11-12th February 2004.
- S.Britto Ramesh Kumar and K.Vani, “*Impact of ATM in and around Trichirappalli*”, *National Seminar on Cyber Impact on Society*, Sponsored by UGC, Tiruchirappalli, Tamilnadu, 11-12th February 2004.

Conference attended:

- **National Conference on Computer Science & Communication (NCSCCT’07)** conducted by St.Joseph’s College, Tiruchirappalli, Tamilnadu, 16-17th, February, 2007.

International/National Workshops attended:

- **Two day Workshop on Examination Reforms and Evaluation**, organized by the Internal Quality Assurance Cell (IQAC), Bishop Heber College, Tiruchirappalli, Tamilnadu, on 11th & 12th March 2011.
- **Orientation Programme for Research Scholars**, organized by Research Advisory Committee (RAC), St.Joseph’s College, Tiruchirappalli, Tamilnadu on 18th January, 2011.
- **Special Workshop on Open Source Software**, sponsored by CDAC, CICC, IEEE and CSI on 23-24th January 2008.
- **International Workshop on Middleware Technologies (IWMT’07)**, conducted by Jayaram College of Engineering & Technology, Tiruchirappalli, Tamilnadu, 23-24th February, 2007.
- **International Workshop for Educators on Mobile Learning (IWSEML’07)**, organized by Bishop Heber College, Tiruchirappalli, Tamilnadu, 17–18th July 2007.
- **Workshop for Lesson Writers on Development of Course Materials (SIM Format) and Quality Assurance Measures**, sponsored by IGNOU-DEC on 27-29th November 2007.
- **Workshop on Curriculum Development and Evaluation (WCDE’06)**, conducted by TANSCHÉ and UGC, 9-11th March 2006.
