

DR. BALAKRISHNAN. S

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Vidwan id: <https://vidwan.inflibnet.ac.in/profile/124986>



OBJECTIVE

To pursue a professionally challenging position in order to contribute and develop the career in the area of teaching, analyzing, design and mentoring where I can grow along with the Institution with greater responsibility.

SHORT DESCRIPTIONS

- 18 years of teaching experience & coordination activities. UG – 17 Years; PG – 5 Years. 1 Year Industrial experience.
- **Publications: (Total – 168)**
 - **Journal & Conferences (80)** – International Journals - 70, International Conferences - 15, National Conference - 1. (**Scopus** – 42, **Web of Science** – 21)
 - **Book Publications** – 20. **Book Chapters** - 6.
 - **Technical Articles in Electronics For You Magazine (EFY)** - 1, **Open Source For You Magazine (OSFY)** – 6
 - **Technical Articles in Computer Society of India (CSI) Magazine** – 29
 - **Article in ICT CONNECT Magazine** – 1
 - **Technical Blogs** – 12
 - **White Papers in Data Science Foundation** - 20
- **International Data Science Writer of the Year 2019**, by Data Science Foundation (DSF). UK
- **Evaluator for Toycathon 2021**, organized by Ministry of Education's Innovation Cell with support from All India Council for Technical Education.
- **International Grant Patent** - 1
- **Patent Published** – 25
- **Consultancy Projects done** - 2
- **Funded Projects Applied** – 11. **Sanctioned** – 01
- **Copyright Granted** – 1, **Registered** - 2
- **Number of Guest Lectures delivered in National Level** – 35, **International Level** -1
- **Keynote Speaker/ Invited Speaker** – 7
- **Data Science Foundation (DSF) Speaker**
- **Session Chair/ General Chair/ Technical Program Committee member** - 166

- **Editorship** – 11
- **Awards received** – 39
- **Mentor, Smart India Hackathon (SIH) 2020** Title Winner, with 1 Lakh Cash Prize.
- **Mentor, IIC, National Innovation Contest 2020.**
- Appreciation from **India Book of Records (IBR)** for filing 18 patents over a period of 15 months.
- Biography included in “**World Book of Researchers 2018**”, Oxford, UK.
- MHRD’s Innovation Cell – Innovation Ambassador, “**IPR & Technology Transfer**”.
- IEEE Brand Ambassador.
- Reviewer IEEE Access Journal.
- T4 Ambassador.
- Bentham Science Publisher Brand Ambassador.
- H-index of 10, i10-index 10 with 300 citations in Google Scholar.
- H-index of 3 with 38 citations in Scopus.

WORK EXPERIENCES

Teaching : 17 Years Industry : 1 Year

18 years of dedicated work experience with leading institutions.

1. Working as a Professor and Head in **Sri Krishna College of Engg & Technology (Autonomous)**, Coimbatore, from Jan’ 2017 to tilldate.
2. Worked as an Associate Professor in **Sri Venkateswara College of Engg & Technology (Autonomous)**, Chittoor, from July 2015 to Dec’ 2016.
3. Worked as a Team Leader in **Ubisense Technologies**, Chennai, from June 2014 to June 2015.
4. Had a 8 years 10 months with **Rajiv Gandhi College of Engineering**, Sriperumbudur, since 08-07-2005 to 31-05-2014 following positions:
 - (i) As **Associate Professor** from Dec’ 2013 to 31-05-2014.
 - (ii) As **Associate Professor & Head of the Department** from June 2009 to Dec 2013.
 - (iii) As **Assistant Professor** from June 2006 to May 2009.
 - (iv) As **Senior Lecturer** from July 2005 to May 2006.
5. Early had 4 years of service with **Vinayaka Missions’ Aarupadai Veedu Institute of Technology**, as a Lecturer, since 01-06-2000 to 04-06-2004.

EDUCATIONAL QUALIFICATIONS

1. **Ph.D** at Bharath Institute of Higher Education & Research Institute, Chennai. Sep’ 2017. Title: **Study of Framework and Categories of Agent Based Intelligent Systems.**
2. Post graduate (**ME**) in Computer Science and Engineering from **Sathyabama Institute of Science and Technology**, Chennai, April 2005, First Class.
3. Graduate (**BE**) in Computer Science and Engineering from **Noorul Islam College of Engineering**, Nagercoil. April 2000, First Class.
4. Completed HSC from Ramasamy Pillai Hr. Sec. School, Ilanji, Tirunelveli Dt. In April 1996 with First Class.
5. Completed SSLC from Ramasamy Pillai Hr.Sec. School, Ilanji, Tirunelveli Dt. In April 1994 with First Class.

RESEARCH FUNDING APPLIED/SANCTIONED

S. No.	Title & Details	Agency	Status (Applied / Sanctioned)	PI / Co-PI	Total Cost (Lakhs)
1	Smart Application Driven Surveillance System For Women Safety, 17 th March, 2020.	Tamilnadu State Council For Science And Technology -Under Science And Technology Project Scheme	Applied	PI	1,35,000
2	Smart Wallet for Visually Challenged and Elderly, 30 th Sep, 2019.	SEED –TIDE	Applied	Co-PI	46,80,000
3	Automatic Toilet Aid system for Bedridden patients, 30 th Sep, 2019.	SEED –TIDE	Applied	Co-PI	44,50,000
4	A Study of the Socio – Economic status of Women Daily Wagers, 30 th March, 2019.	CHORD (NSTMIS)	Applied	Co-PI	30,49,000
5	Design and Development of a Smart Pen for Dyslexics, Jan, 2019	SEED –TIDE	Applied	Co-PI	65,15,200
6	Design And Development Of An Unified Expert System For Horticultural Plant Health Management, Nov 16 th , 2018	SPARSH – BIRAC	Applied	Co-PI	-
7	Design a Hand Gesture Based Fan Control for Aiding a Visually Challenged Person	Tamilnadu State Council For Science And Technology	Applied	Mentor	10,000
8	Design Of Personal Assistant System For Dyspraxia Affected Patients & 19 th July, 2018	Cognitive Science Research Initiative (CSRI)	Applied	PI	45,32,000
9	IoT based Wheel Chair for Disabled and Elderly People & 30 th August, 2017	Technology Interventions For Disabled Elderly (TIDE)	Applied	PI	46,80,000
10	Design of Automated Hybrid Classification System for	Cognitive Science Research Initiative	Sanctioned	Co-PI	36,02,000

Curriculum Vitae, Balakrishnan

	Diagnosis and Training of Autism Disorder & 30 th June, 2017	(CSRI)			
11	Development of efficient, low cost, easy to use sensors for estimation of pH, moisture, macro and micronutrients, organic matter, etc. for on the spot soil fertility analysis & 15 th Mar, 2017	Biotechnology Industry Research Assistance Council (BIRAC)	Applied	Co-PI	-
12	Design a framework of Security System in Digital Media(D-Media) utilizing Information Security & 27 th Aug 2015	Minor Research Project (MRP)	Applied	PI	3,85,000

CONSULTANCY PROJECTS DONE

S. No.	Title & Details	Company Name	Project Duration	Total Cost
1	React App for buying FASTAG online	DOBBY 360, Bangalore	1 Month	Rs 25,000/-
2	AI powered Vision System	Neurocon Inc, USA	6 Months	Rs 4,00,000/-

INTERNATIONAL PATENTS PUBLISHED/ GRANT

S. No.	Application Number	Title/Remarks	Status	Date of Grant
1	2020102608	Next generation Framework for Smart Building Monitoring using 6LoWPAN	Grant	11/11/2020
2	2020103899	An Intelligent Acoustic Serenity Using Self Adjustable User-Friendly IoT Embedded Microphone	Grant	-

INDIAN PATENTS PUBLISHED/ GRANT

S. No.	Application Number	Title/Remarks	Status	Date of Publication
1	201841011516	IoT Based Toll Booth Management System in a Cloud Environment	Published	15/02/2019
2	201841013377	A Method And A Device For Operating A Fan With Handgestures For Achieving Appropriate Operating Speeds for Aiding	Published	06/04/2018

Curriculum Vitae, Balakrishnan

		A Visually Challenged Person		
3	201941002153	IoT Based Smart Wheel Chair for the Disabled and Elderly in a Cloud Based Environment	Published	25/01/2019
4	201941005223	Smart Vision Wallet for Visual and Hearing Impaired	Published	15/02/2019
5	201941013008	Smart Room – A Method and a Device for Operating A Fan and Lights with Smart Device	Published	03/05/2019
6	201941022560	IOT Based Intelligent Acoustician Microphone	Published	14/06/2019
7	201941030468	Techniques for performing Large scale Sentiment Analysis	Published	09/08/2019
8	201941030470	Smart Walking Aid For Visually Challenged using GPS	Published	16/08/2019
9	201941036273	Water Inundation Catastrophe Monitoring and Alert System	Published	18/10/2019
10	201941036274	A Method And System For Controlling Deforestation	Published	18/10/2019
11	201941038209	Smart Interaction System for Patients Affected by Locked in Syndrome	Published	18/10/2019
12	201941041034	System for Online Health Monitoring Using IOT Based Wearable Device	Published	18/10/2019
13	201941045678	Design of Personal Assistant System for Dyspraxia Affected Patients	Published	29/11/2019
14	201941045679	A Pattern for Space Conservative Fingerprint Sensor Embedded in Mobile Logo	Published	29/11/2019
15	201941051992	A Design and Method for Automatic Pet Watering and Food Feeding System Using IOT	Published	20/12/2019
16	201941054593	A Design and Development of Smart Aquaculture System in a Cloud Environment using IoT	Published	24/01/2020
17	201941054595	IoT based Train Monitoring System Through Data Acquisition Techniques	Published	24/01/2020
18	202041007642	Design Of Digital Acoustic Tracker For Cross Road Vehicle Management System	Published	24/04/2020
19	202041007643	IoT Enabled Optimization Scheme For Fishery Management System	Published	24/04/2020
20	202041036811	IoT Enabled Water Level and Quality Monitoring System for Lake	Published	11/09/2020
21	202041036812	IoT Enabled Computational Analysis of Soil Yield and Fertilizer Analysis	Published	11/09/2020

22	202041053085	Smart Digitech Pen Apparatus Design for Human Handwriting Replica Hands-Free From Audio or Soft Copy of Typed Text	Published	11/12/2020
23	202041054169	IoT Based Garbage Pail Monitoring System	Published	18/12/2020
24	202041054170	IoT Based Street Light Monitoring System	Published	18/12/2020
25	202021050705	IoT Based Plant Disease Detection Using Support Vector Machine Algorithm	Published	25/12/2020

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S. No.	Diary Number	Title/Remarks	Class of Work	Status	Date of Registration	Registration Number
1	20119/2019-CO/L	Study of Agent Based Intelligent Systems	Literary/Dramatic	Granted	14/12/2019	L-90657/2020
2	21785/2020-CO/L	Problem Solving Using C Programming	Literary/Dramatic	Registered	30/12/2020	-
3	8073/2020-CO/L	Foundation of IT Essentials	Literary/Dramatic	Registered	18/06/2020	-

AWARDS RECEIVED

1. Data Science Foundation awards for '**Most contributions to the Data Security, Artificial Intelligence and General categories**' 2020. <https://datascience.foundation/writeroftheyear/artificial-intelligence-2019-2020>
2. **Contributors Competition Third Place Runner-up June 2020**, by DataScience Foundation with cash prize of £25.
3. **Contributors Competition Runner Up May 2020** by DataScience Foundation with cash prize of £50.
4. **Contributors Competition Runner Up March 2020** by DataScience Foundation with cash prize of £50.
5. **Contributors Competition Winner February 2020** by DataScience Foundation with cash prize of £100.
6. **Contributors Competition Third Place Runner-up January 2020**, by DataScience Foundation with cash prize of £25.
7. **Faculty with Maximum Publishing in CSI Communications, 2017-2019**, by Computer Society of India (CSI) Annual Convention 2020 held at KIIT Bhubaneshwar on 18th January 2020.
8. **Runner-up 2019 Outstanding Contribution To Data Science** by DataScience Foundation.

9. **Contributors Competition Winner December 2019** by DataScience Foundation with cash prize of £100.
10. **Contributors Competition Winner November 2019** by DataScience Foundation with cash prize of £100.
11. **International Data Science Writer of the Year 2019**, by DataScience Foundation. UK. <https://datascience.foundation/datatalk/winners-announced-international-data-science-awards-2019>.
<https://datascience.foundation/datascienceawards>.
12. **Contributors Competition Winner October 2019** by DataScience Foundation with cash prize of £100.
13. **Overall Department Awards - Bright Engineers Award** to Department of Computer Science and Business Systems, by SKCET, Star Faculty Award function, 25th Oct, 2019.
14. **Data Science Writer of the Year 2019 – Other topics**, by DataScience Foundation.
15. **Contributors Competition Winner September 2019** by DataScience Foundation with cash prize of £100.
16. **MTC Global Outstanding Researcher Award**, MTC Global Award for Excellence: 2019.
17. **Contributors Competition Winner August 2019** by DataScience Foundation, with cash prize of £100.
18. **Contributors Competition Winner July 2019** by DataScience Foundation with cash prize of £100.
19. **Grants Received Award, Patent Published Award, Research Paper Published Award (WoS and Scopus)** with cash prize from Sri Krishna College of Engineering and Technology, Darshan 2019, 18th April, 2019.
20. **100 Inspiring Authors of India 2018**, by The Indian Awaz, Kolkatta on 25th Nov 2018.
21. **Special Contributor Award Nov – 2018** for outstanding contribution to the Institution.
22. **Patent Published Award, Best Research Paper Award, Book Publication Award** with cash prize from Sri Krishna College of Engineering and Technology, Darshan 2018, 13th April, 2018.
23. **SIH (Smart India Hackathon) Award**, from Sri Krishna College of Engineering and Technology, Darshan 2018, 13th April, 2018.
24. **Deloitte Innovation Award**, Cash Prize Rs.10,000/-, from Deloittee for **Smart India Hackathon 2018**, Gawhathi, Assam, 30-31 March, 2018.
25. **Impactful Author of the Year 2017-18**, under Global Readership Drive, Top 10 | Author of the Year 2017-18 Powered by The Indian Awaz.
26. **Best Faculty – Computer Science and Engineering**, Republic Day Achiever Award-2018, Integrated Intelligent Research, 18th Jan 2018.
27. **Special Contributor Award Oct – 2017** for Patent Filing and TIDE & CSRI Research Proposal Submission.
28. **Star Performer Award for Sep- 2017** towards Bootcamp Training, at SKCET, Oct 14th, 2017.
29. **Star Performer Award for July- 2017**, at SKCET, on, August 15th, 2017.
30. **Teaching Excellence Award 2017**, INDO-GLOBAL SUMMIT & EXPO 2017, Taj Coromandel, Nungambakkam, Chennai July 22, 2017.
31. **IEAE-Research Excellence Award – 2017**, Institute for Exploring Advances in Engineering.

32. **I2OR - Bright Researcher Award 2017**, International Institute of Organized Research.
33. **Best Research Paper Award, Best Book Publication Award and Best Book Chapter Award** with cash prize Rs 10,000/- from Sri Krishna College of Engg & Tech, Coimbatore on 20th April, 2017.
34. **Best Outstanding Faculty Award 2017**, from Chief Minister of Pondicherry, Top Engineers Organization, Pondicherry.
35. **Best Teacher Award 2016**, from International Association of Research and Development Organization (IARDO), New Delhi.
36. Produced 100% result in Artificial Intelligence and Expert Systems. (Nov 2015, SVCET, Chittoor).
37. College has awarded a cash prize and a Merit certificate for producing best result in, (Anna University)
 - a. Data Base Management Systems (Nov 2002)
 - b. Object Oriented Programming (Mar 2003)
 - c. Principles of Compiler Design (Jan 2010)
38. Awarded for 100% result in PC and PC based system and 100% result in Advanced Software Engineering.

LIST OF PUBLICATIONS Total Publications: 168

BOOK PUBLICATIONS:

1. Introduction to Free and Open Source Software, Publisher: Science Scripts, ISBN: 978-620096862 --- 3
2. Introduction to Free and Open Source Software, Publisher: Our Knowledge Editions (19th May 2020), Language: Portuguese, ISBN-10: 6200968675, ISBN-13: 978-6200968678.
3. Introduction to Free and Open Source Software, Publisher: Wydawnictwo Nasza Wiedza (May 19, 2020), Language: Polish, ISBN-10: 6200968691, ISBN-13: 978-6200968692
4. Introduction to Free and Open Source Software, Publisher: Uitgeverij Onze Kennis (May 19, 2020), Language: Dutch, ISBN-10: 6200968683, ISBN-13: 978-6200968685.
5. Introduction to Free and Open Source Software, Publisher: Ediciones Nuestro Conocimiento (May 19, 2020), Language: Spanish, ISBN-10: 6200968640, ISBN-13: 978-6200968647
6. Introduction to Free and Open Source Software, Publisher: Verlag Unser Wissen (May 18, 2020), Language: German, ISBN-10: 6200968624, ISBN-13: 978-6200968623.
7. Introduction to Free and Open Source Software, Lambert Academic Publishing, Germany. ISBN: 978-3-659-57950-9.
8. Artificial Intelligence and Expert Systems – Lambert Academic Publishing, Germany. (ISBN No. 9783330319882)
9. Design and Analysis of Algorithm (ISBN: 978-3-659-95283-8), Lambert Academic Publishing Company, Germany.
10. Advanced Computer Architecture – RIP Publications, New Delhi. (ISBN: 978-93-86138-03-3)
11. Fundamentals of Computing & Programming – Sai Publisher.

12. Theory of Computation - ACME Learning Private Limited, New Delhi. (ISBN No: 978-93-80408-78-1)
13. Computer Practice Laboratory-I. (ISBN No: 978-81-91012-87-3)
14. Computer Practice Laboratory-II. Thirumalai Wings Publications,
15. Database Management Systems. Sai Publisher. (ISBN No: 978-81-91012-88-0)
16. Data Structures - Sai Publisher. (ISBN No: 978-93-82010-02-9)
17. System Software - Sai Publisher. (ISBN No: 978-93-82010-00-5)
18. Computer Programming - (ISBN No: 978-93-82010-11-1)
19. Programming and Data Structures-II. (ISBN: 978-93-82010-22-7)
20. Principles of Compiler Design – Sai Book Distributors & Publishers, Chennai. (ISBN No: 978-81-91012-84-2)

BOOK CHAPTERS:

1. Book chapter entitled: **“A High Security Framework through Human Brain using Algo Mixture Model Deep Learning Algorithm”**, for the Book titled "Deep Learning in Data Analytics: Recent Techniques, Practices and Applications".
2. Book chapter entitled: **"Impact of Early Termination of Lockdown and Maintaining Social Distancing: COVID-19"**, for the Book Title “The Digital Revolution Sparked by COVID 19”. Springer.
3. Contributed the Book Chapter in the International Book, **“Deep Learning Algorithm Design for Discovery and Dysfunction of Landmines”**, volume titled “Deep Learning for Remote Sensing and GIS: Frontier Advancements and Applications”. Taylor and Francis - CRC PRESS. (Under Publishing).
4. Syed Muzamil Basha, J. Janet, **S. Balakrishnan**. **A Study on Privacy-Preserving Models using Blockchain Technology for IOT** for inclusion in the book “Blockchain BigData And Machine Learning Trends and Applications”, published by CRC Press, 24 September 2020. Edited By Neeraj Kumar, N. Gayathri, Md Arafatur Rahman, B. Balamurugan. DOI:<https://doi.org/10.1201/9780429352546>.
5. Basha, Syed Muzamil, Ravi Kumar Poluru, J. Janet, **S. Balakrishnan**, D. Dharunya Santhosh and A. Kousalya. **"A Case Study on Data Vulnerabilities in Software Development Lifecycle Model."** Impact of Digital Transformation on Security Policies and Standards. **IGI Global**, 2020. 13-32. Web. 31 Mar. 2020. doi:10.4018/978-1-7998-2367-4.ch002. <https://www.igi-global.com/chapter/a-case-study-on-data-vulnerabilities-in-software-development-lifecycle-model/251946>
6. Contributed the Book Chapter in the International Book, **“Integration of Cloud and a Peer-To- Peer Central-Registry Based Internet of Things (IOT) Protocol”**, Engineering & Technology: Latest Progress (ET), ISBN – 978-81-932850-2-2, pp. 41-60, August 2017.
7. Contributed the Book Chapter in the International Book, **“MASFE - Mutliagent System for Filtering E-Mails Using JADE”**, Advanced Engineering Research and Applications (AERA), Research India Publications, ISBN- 978-93-84443-42-9, pp. 148-167, 2017. (Scopus Indexed)
8. Contributed the Book Chapter in the International Book, **“Integration of Agent Based Computing with Cloud Computing: Towards Cloud Intelligent Systems”**, International Research Publication House, Delhi. Engineering and

Technology: Recent Innovations & Research, ISBN- 978-93-86138-06-4, pp. 1-17.

TECHNICAL ARTICLES PUBLISHED IN ELECTRONICS FOR YOU (EFY) MAGAZINE:

1. **Seeing Beyond the Darkness - Smart Vision Wallet**, Electronics For You (EFY) Magazine, Vol. 52, No. 5, pp. 36-37, May 2019.
<https://electronicsforu.com/technology-trends/tech-focus/smart-vision-wallet-seeing-beyond-darkness>

TECHNICAL ARTICLES PUBLISHED IN OPEN SOURCE FOR YOU (OSFY) MAGAZINE:

1. **Horizontal IoT Platforms: An Overview**, Open Source For You Magazine, Vol. 8, Issue 12, pp. 30-32, September 2020. ISSN: 2456-4885.
<https://www.opensourceforu.com/2020/10/horizontal-iot-platforms-an-overview/>
2. **A Brief Introduction to HydraChain, A Popular Distributed Ledger System**, Open Source For You Magazine, Vol. 8, Issue 10, pp. 66-69, July 2020. ISSN: 2456-4885. <https://www.opensourceforu.com/2020/08/a-brief-introduction-to-hydrachain-a-popular-distributed-ledger-system/>
3. **The Five Best DevOps Tools**, Open Source For You Magazine, Vol. 8, Issue 9, pp. 40-42, June 2020. ISSN: 2456-4885. <https://opensourceforu.com/2020/06/the-five-best-devops-tools/>
4. **An Overview of H2O: An Open Source AI Platform**, Open Source For You Magazine, Vol. 7, Issue 09, pp. 74-77, June 2019. ISSN: 2456-4885. <https://opensourceforu.com/2019/07/an-overview-of-h2o-an-open-source-ai-platform/> (An EFY Group Publication)
5. **A Quick Look at Open Source Tools and Services for IoT**, Open Source For You Magazine. Vol. 7, Issue 05, pp. 37-39, February 2019. ISSN: 2456-4885. <https://opensourceforu.com/2019/03/a-quick-look-at-open-source-tools-and-services-for-iot/> (An EFY Group Publication)
6. **Building Your Own Storage Area Network and Network Attached Storage**, Open Source For You Magazine, Vol. 7, Issue 04, pp. 58-61, January 2019. ISSN: 2456-4885. <https://opensourceforu.com/2019/02/building-your-own-storage-area-network-and-network-attached-storage/> (An EFY Group Publication)

TECHNICAL ARTICLES PUBLISHED IN CSI COMMUNICATIONS MAGAZINE:

1. **Unlocking the Future of Blended Workforce 4.0**, CSI Communications magazine, Volume No. 44, Issue No. 9, December 2020, pp. 30-32.
2. **Industrial Lean 4.0: Encapsulating the Traditional Management Tool**, CSI Communications magazine, Volume No. 44, Issue No. 9, December 2020, pp. 35-38.
3. **Deep Learning: An Overview and its Practical Examples**, CSI Communications magazine, Volume No. 44, Issue No. 8, November 2020, pp. 17-19.
4. **Artificial Intelligence and Robotics: A Research Overview**, CSI Communications magazine, Volume No. 44, Issue No. 7, October 2020, pp. 24-26.

5. **The Prognostics of Digital Twin Technology for Industry 4.0**, CSI Communications magazine, Volume No. 44, Issue No. 6, September 2020, pp. 33-35.
6. **An Exploratory Study on Free and Open Source Artificial Intelligence Toolkits**, CSI Communications magazine, Volume No. 44, Issue No. 5, August 2020, pp. 20-22.
7. **Panoramic Insights on Virtual Reality Technology**, CSI Communications magazine, Volume No. 44, Issue No. 4, July 2020, pp. 17-19.
8. **Artificial Intelligence in a Quantum World of Computation**, CSI Communications magazine, Volume No. 44, Issue No. 3, June 2020, pp. 28-30.
9. **Taxonomy and Architecture of Internet of Things: An overview of Disruptive Technology**, CSI Communications magazine, Volume No. 44, Issue No. 1, April 2020, pp. 8-10.
10. **The Role of Data Science in Big Data Analytics – Overview**, CSI Communications magazine, Volume No. 43, Issue No. 12, March 2020, pp. 16-18.
11. **Green Computing: Future of Computers**, CSI Communications magazine, Volume No. 43, Issue No. 12, March 2020, pp. 63-65.
12. **An Effective Way of Teaching and Learning in Higher Education Using Computer Assisted Education**, CSI Communications magazine, Volume No. 43, Issue No. 10, January 2020, pp. 13-15.
13. **Agent based Bioinformatics Integration using JADE – Overview**, CSI Communications magazine, Volume No. 43, Issue No. 9, December 2019, pp. 29-31.
14. **Top 4 Current Trends in Cyber Security**, CSI Communications magazine, Volume No. 43, Issue No. 8, November 2019, pp. 18-20.
15. **Cryptocurrency and Cryptography**, CSI Communications magazine, Volume No. 43, Issue No. 6, September 2019, pp. 19-21.
16. **Blockchain Technology: Basics, Architecture, Use cases and Platforms**, CSI Communications magazine, Volume No. 43, Issue No. 5, August 2019, pp. 10-14.
17. **A Framework for Next Generation Digital Learning Environment**, CSI Communications magazine, Volume No. 43, Issue No. 4, July 2019, pp. 35-38.
18. **Symbiotic Transformational Technology on the rise: Artificial Intelligence in Emotional Intelligence**, CSI Communications magazine, Volume No. 43, Issue No. 3, June 2019, pp. 14-17.
19. **An impact of Big Data and Crowdsourcing Analytics in business process**, CSI Communications magazine, Volume No. 43, Issue No. 2, May 2019, pp. 19-21.
20. **Top 9 Present and Future Emerging Technology Trends in E-Commerce**, CSI Communications magazine, Volume No. 43, Issue No. 1, April 2019, pp. 6-7.
21. **Nanotechnology and its impact on High Performance Computing**, CSI Communications magazine, Volume No. 42, Issue No. 11, February 2019, pp. 7-9.
22. **An Overview of Agent Based Intelligent Systems and Its Tools**, CSI Communications magazine, Volume No. 42, Issue No. 10, January 2019, pp. 15-17.
23. **Heritage Computing and its Impact**, CSI Communications magazine, Volume No. 42, Issue No. 10, December 2018, pp. 6-7.
24. **Big Data in Business Intelligence**, CSI Communications magazine, Volume No. 42, Issue No. 8, November 2018, pp. 21-23.
25. **Internal or External - Which Database Could Contribute More to Business Intelligence?**, CSI Communications magazine, Vol. 42, issue 7, October 2018, pp. 24-25. ISSN: 0970-647X.

26. **Machine Intelligence Challenges in Military Robotic Control**, CSI Communications magazine, Vol. 41, issue 10, January 2018, pp. 35-36.
27. **Issues and Challenges in e-Governance caused by Privacy Threats**, CSI Communications magazine, Vol. 41, issue 7, October 2017, pp. 28-29.
28. **Technological Innovations for Agricultural Developments Through Information Communications Technology (ICT)**, CSI Communications magazine, Vol. 41, issue 6, September 2017, pp. 10-13.
29. **Peer-To-Peer Central Registry Based Internet of Everything (IoE) Protocol**, CSI Communications magazine, Vol. 41, issue 4, July 2017, pp. 26-29.

ARTICLES PUBLISHED IN ICT CONNECT MAGAZINE:

1. **“Evolution of Job Markets & Future Trends”**, ICT CONNECT Magazine, Vol. 9, Issue 3, July-Sep’ 2018, pp. 6-7.

WHITE PAPERS IN DATA SCIENCE FOUNDATION:

1. Top 10 Best Free And Open Source Backup Solutions, 30th December 2020. <https://datascience.foundation/sciencewhitepaper/top-10-best-free-and-open-source-backup-solutions>
2. Innovating The Learning Experience Through Educational Technology: A Digital Insight, 28th June 2020. <https://datascience.foundation/sciencewhitepaper/innovating-the-learning-experience-through-educational-technology-a-digital-insight>
3. Open Source Solutions for Building Your Own Storage Area Network and Network Attached Storage, 21st May, 2020. <https://datascience.foundation/sciencewhitepaper/open-source-solutions-for-building-your-own-storage-area-network-and-network-attached-storage>
4. An Overview of Autopsy: Open Source Digital Forensic Platform, 13th May 2020. <https://datascience.foundation/sciencewhitepaper/an-overview-of-autopsy-open-source-digital-forensic-platform-1>
5. Internet Of Things (IOT): Network Protocol Queue And Enabling Technologies, 25 March 2020. <https://datascience.foundation/sciencewhitepaper/internet-of-things-iot-network-protocol-queue-and-enabling-technologies>
6. Top 10 Popular Open Source DEVOPS Tools, March 2020. <https://datascience.foundation/sciencewhitepaper/top-10-popular-open-source-devops-tools>
7. Intelligent Agent Based Business Intelligence, February 2020. <https://datascience.foundation/sciencewhitepaper/intelligent-agent-based-business-intelligence>
8. ARK Stack Deployment: An Interoperability Solution For Seamless Blockchain Ecosystem, January 2020. <https://datascience.foundation/sciencewhitepaper/ark-stack-deployment-an-interoperability-solution-for-seamless-blockchain-ecosystem>
9. Big Data Analytics: Idea, Data Types And Reference Architecture, January 2020. <https://datascience.foundation/sciencewhitepaper/big-data-analytics-idea-data-types-and-reference-architecture>
10. An Overview List of Free Cybersecurity Tools, December 2019. <https://datascience.foundation/sciencewhitepaper/an-overview-list-of-free-cybersecurity-tools>

11. A Quick Intro Of Big Data Visualization Techniques And Tools, November 2019. <https://datascience.foundation/sciencewhitepaper/a-quick-intro-of-big-data-visualization-techniques-and-tools>
12. Agent Based Internet of Things System in a Cloud Environment, October 2019. <https://datascience.foundation/sciencewhitepaper/agent-based-internet-of-things-system-in-a-cloud-environment>
13. Top 20 Data Analytics Tools, October 2019. <https://datascience.foundation/sciencewhitepaper/top-20-data-analytics-tools>
14. Impact of Cloud Computing Technology on E-Governance, October 2019. <https://datascience.foundation/sciencewhitepaper/impact-of-cloud-computing-technology-on-e-governance>.
15. ABC's Of Systemic Approach Of Machine Learning, September 2019. <https://datascience.foundation/sciencewhitepaper/abc-s-of-systemic-approach-of-machine-learning>
16. Crowdsourcing Big Data Analytics – Impact, September 2019. <https://datascience.foundation/sciencewhitepaper/crowdsourcing-big-data-analytics-impact>
17. JADE Agent Tool: Overview And Its Packages. August 2019. <https://datascience.foundation/sciencewhitepaper/category/artificial-intelligence>
18. Top 5 Use Cases and Platforms of Blockchain Technology. August 2019. <https://datascience.foundation/sciencewhitepaper/top-5-use-cases-and-platforms-of-blockchain-technology>
19. Internet of Things With Big Data, Cloud And M2m Technologies, August 2019. <https://datascience.foundation/sciencewhitepaper/internet-of-things-with-big-data-cloud-and-m2m-technologies>
20. An Overview of Agent Based Intelligent Systems and Its Tools, July 2019. <https://datascience.foundation/sciencewhitepaper/an-overview-of-agent-based-intelligent-systems-and-its-tools>.

INTERNATIONAL JOURNAL:

1. **An Agent Based E-Learning Integration using JADE**, paper in “Indian Research Review”. Feb 2010, ISSN NO- 0975-7430, Vol-2, 24-26.
2. **A JADE Implementation of Integrated Agent System for E-Mail Coordination (IASEC)**. International Journal of Computer Applications 58(5): 5-9, November 2012. Published by Foundation of Computer Science, New York, USA, ISBN: 973-93-80870-35-2.
3. **An Agent Based Prioritized E-Mail Coordination Using JADE**, International Journal on Advanced Computing and Communication Networks Vol. 3 Issue 1. Page 8-11.
4. **Toward Entrusted Communication in Multi-Agent systems Using JADE**, Wulfenia Journal, Austria, Vol 20, No. 3; Mar 2013. Page 221-229 (Indexed in Annexure 1).
5. **HOP Optimal Algorithm With Greedy Link Scheduler, To Avoiding Link Failure For Multihop Wireless Networks**, International Journal of Innovative Research & Development Vol2, Issue 4, April 2013.(Indexed in DOAJ).
6. **Intrusion Fault Tolerant and Secure Commitment of OS Level Virtual Machine**, International Journal for Advance Research in Engineering and Technology (ISSN 2320-6802), in Vol. 2, Issue I, Jan., 2014. (Indexed in Google, Yahoo, etc..).

7. **Amelioration of Artificial Intelligence using Game Techniques for an Imperfect Information Board Game Geister**, International Journal of Applied Engineering Research (IJAER).ISSN 0973-4562 Vol 9, Number 22 (2014) pp. 11849-11860 (**Indexed in Scopus**).
8. **Multiagent Based Secured Video Authentication Scheme Using JADE**, International Journal of Applied Engineering Research (IJAER).ISSN 0973-4562 Volume 10, Number 4 (2015) pp. 9857-9863 (**Indexed in Scopus**).
9. **An Agent Based Collaborative Spam Filtering Assistance Using JADE**, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 21 (2015) pp 42476-42479. (**Indexed in Scopus and annexure-2, Journal impact factor:2.38**) .
10. **An Effective Two Way Classification of Breast Cancer Images**, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 10, Number 21 (2015) pp 42472-42475. (**Indexed in Scopus and annexure-2, Journal impact factor:2.38**) .
11. **An Agent Based Centralized Router with Dynamic Connection Management Scheme Using JADE**, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 11, Number 3 (2016) pp 2036-2041.(**Indexed in Scopus and annexure-2, Journal impact factor:2.38**).
12. **Information Security in D-Media (Digital Media)**, ARPN Journal of Engineering and Applied Sciences. May 2016, Vol. 11, No. 9, pp. 5707- 5710. (**Indexed in Scopus and annexure-2**).
13. **A Secure iTrust Scheme towards Trust Establishment in Delay Tolerant Networks Using Zone Based Routing Protocol**, Asian Journal of Information Technology, 2016, Vol. 15, Issue 22, pp. 4535-4540. DOI: 10.3923/ajit.2016.4535.4540 (**Indexed in Scopus and Annexure-1 New list**).
14. **A Machine Learning Based IOT Device for E-Health Monitoring In a Cloud Environment**, Invest Clin. Vol. 58, issue 3, pp. 287-299, 2017. (**Web of Science**).
15. **A Multiagent Based E-Learning Integration using View Based Semantic**, Taga Journal of Graphic Technology, Vol. 14, pp. 691-699, 2018. (**Indexed in Annexure-1**).
16. **A Machine Learning Based Regression Techniques For E-Mail Prioritization**, Taga Journal of Graphic Technology, Vol. 14, pp. 710-717, 2018. (**Indexed in Annexure-1**).
17. **Competent Encipher File Search As A Mobile Cloud Service**, Taga Journal of Graphic Technology, Vol. 14, pp. 760-765, 2018. (**Indexed in Annexure-1**).
18. **Design Of Multi-Agent Based Systems For Entrusted Communication Using JADE**, Taga Journal of Graphic Technology, Vol. 14, pp. 766-774, 2018. (**Indexed in Annexure-1**).
19. **Secured and Energy Efficient AODV Routing Protocol For Wireless Sensor Network**, International Journal of Pure and Applied Mathematics, Vol. 119, No. 10c, 2018, pp. 563-570. (**Scopus indexed**)
20. **A Novel Approach For Tumor Image Set Classification Based On Multi-Manifold Deep Metric Learning**, International Journal of Pure and Applied Mathematics, Vol. 119, No. 10c, 2018, pp. 553-562. (**Scopus indexed**)
21. **An Adaptive Energy Efficient Data Gathering In Wireless Sensor Networks**, International Journal of Pure and Applied Mathematics, Volume 118 No. 21, 2018, pp. 2501-2510. (**Scopus indexed**)

22. **Fault Detection in Accidents using Pro Prediction Deep Learning Algorithm**, Vivekananda Journal of Research, Vol. 7, Issue 1, 2018.
23. **Logo Based Pattern Matching Algorithm for Intrusion Detection System in Wireless Sensor Network**, International Journal of Pure and Applied Mathematics, Volume 119, No. 12, 2018, pp. 753-762. (Scopus indexed)
24. **Securing Sensitive Web Based Student Academic Performance System with Base64 Encoding and Systematic Mirroring**, International Journal of Pure and Applied Mathematics, Volume 119, No. 12, 2018, pp. 1117-1126. (Scopus indexed)
25. **IoT Based Soil Analysis and Irrigation System**, International Journal of Pure and Applied Mathematics, Volume 119, No. 12, 2018, pp.1127-1134. (Scopus indexed)
26. **Review-Guppy: A Decision-Making Engine for Ecommerce Products Based on Sentiments of Consumer Reviews**, International Journal of Pure and Applied Mathematics, Volume 119, No. 12, 2018, pp.1135-1141. (Scopus indexed)
27. **Honey/Sugar Template Based On Biometric Protection Using Bloom Filter**, International Journal of Pure and Applied Mathematics, Volume 119, No. 12, 2018, pp.1143-1155. (Scopus indexed)
28. **Effective Feature Set Selection And Centroid Classifier Algorithm For Web Services Discovery**, International Journal of Pure and Applied Mathematics, Volume 119, No. 12, 2018, pp.1157-1172. (Scopus indexed)
29. **Sniffing HTTPS Traffic in LAN by Address Resolution Protocol Poisoning**, International Journal of Pure and Applied Mathematics, Volume 119, No. 12, 2018, pp.1187-1195. (Scopus indexed)
30. **Raspberry Pi Based Intrusion Detection System**, International Journal of Pure and Applied Mathematics, Volume 119, No. 12, 2018, pp.1197-1205. (Scopus indexed)
31. **Challenges and Issues in Ensuring Safe Cloud Based Password Management to Enhance Security**, International Journal of Pure and Applied Mathematics, Volume 119, No. 12, 2018, pp.1207-1215. (Scopus indexed)
32. **Optimal Customer Churn Prediction System using Boosted Support Vector Machine**, International Journal of Pure and Applied Mathematics, Volume 119, No. 12, 2018, pp.1217-1231. (Scopus indexed)
33. **Machine Learning based Grape Leaf Disease Detection**, Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 08-Special Issue, 2018. Pp. 775-780. (Scopus indexed)
34. **A Framework for Constraint based Web Service Discovery with Natural Language User Queries**, Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 05-Special Issue, 2018. Pp.1310- 1316. (Scopus indexed)
35. **Natural Language User Query To Sparql Conversion For Web Service Discovery From Ontology Based Web Services Registry**, Journal of Web Engineering. Vol.17, No.6, May 2018. Pp. 2693-2712. (Web of Science).
36. **Secure Data Sharing In A Cloud Environment By Using Biometric Leakage resilient Authenticated Key Exchange**, Pak. J. Biotechnol. Vol. 15 (2) 293-297 (2018). (Scopus indexed)
37. **An Efficient and Complete Automatic System for Detecting Lung Module**. Indian Journal Of Science And Technology, 11(26). doi:10.17485/ijst/2018/v11i26/130559. (Web of Science).

38. **Integrated Anthropometric Approach for Ceaseless Authentication.** Indian Journal Of Science And Technology, 11(26). doi:10.17485/ijst/2018/v11i26/130560. (Web of Science).
39. **Biometric Authentication System with Hand Vein Features using Morphological Processing.** Indian Journal Of Science And Technology, 11(26). doi:10.17485/ijst/2018/v11i26/130558. (Web of Science).
40. **A Novel And Efficient Mobile Cloud Service For Searching Encrypted Data,** ARPN Journal of Engineering and Applied Sciences, Vol.13, No.16, pp. 4683-4686, 2018. (Scopus Indexed).
41. **Data Movement Optimization in a Cloud Environment Using Capacity Optimization Technique,** Jour of Adv Research in Dynamical & Control Systems. Vol. 10, 11-Special Issue, 2018, pp. 740- 743. (Scopus Indexed).
42. **Querying and Searching of Friendship Selection in the Social IoT,** Jour of Adv Research in Dynamical & Control Systems. Vol.10, 11-Special issue, 2018, pp. 910- 914. (Scopus Indexed).
43. **A Machine Learning Based Approach for Computer Security,** Jour of Adv Research in Dynamical & Control Systems. Vol.10, 11-Special issue, 2018, pp. 915- 919. (Scopus Indexed).
44. **A Novel And Secured Intrusion Detection System For Wireless Sensor Networks Using Identity Based Online/Offline Signature,** ARPN Journal of Engineering and Applied Sciences. November 2018, Vol. 13 No. 21, pp. 8544-8547. (Scopus Indexed).
45. **An Effective Method for Mapping Web User Profile Based on Domain Ontology,** International Journal of Engineering and Technology (UAE). Vol. 7, (4.19) (2018), pp. 1-4. Doi: <https://doi.org/10.14419/ijet.v7i4.19>. (Scopus indexed)
46. **Rule Based Hybrid Weighted Fuzzy Classifier For Tumor Data,** International Journal of Engineering and Technology (UAE). Vol. 7, (4.19) (2018), pp. 104-108. Doi: <https://doi.org/10.14419/ijet.v7i4.19>. (Scopus indexed)
47. **Biometric Authentication System Using Matlab,** International Journal of Engineering and Technology (UAE). Vol. 7, (4.19) (2018), pp. 101-103. Doi: <https://doi.org/10.14419/ijet.v7i4.19> (Scopus indexed)
48. **Arduino Based Smart Alarm Mobile Application System,** Jour of Adv Research in Dynamical & Control Systems. Vol. 10, 14-Special issue, 2018, pp. 1217-1223. (Scopus Indexed).
49. **Securing Sensitive Information Files Based on Session Keys using Numeric Encryption and Bit Scrambling,** Indian Journal of Science and Technology, Vol 12(5), DOI: 10.17485/ijst/2019/v12i5/141758, February 2019. (WoS)
50. **Design and Development of IoT Based Smart Aquaculture System in a Cloud Environment,** International Journal of Oceans and Oceanography, ISSN 0973-2667, Volume 13, Number 1 (2019), pp. 121-127. (WoS)
51. **IOT Based Fishery Management System,** International Journal of Oceans and Oceanography, ISSN 0973-2667, Volume 13, Number 1 (2019), pp. 147-152. (WoS)
52. **IoT based lake and reservoir management system,** International Journal of Lakes and Rivers (IJLR). Vol.12, Issue 1, (2019), pp. 27-32. (WoS)
53. **IoT Based Water Level Monitoring System for Lake in a Cloud Environment,** International Journal of Lakes and Rivers (IJLR). Vol. 12, Issue 1, (2019), pp. 21-25. (WoS)

54. **Natural Language Processing System for Fetching Ocean Related Information Based on Ontology**, International Journal of Oceans and Oceanography, Volume 13, Number 1 (2019), pp. 277-283. (WoS)
55. **A Machine Learning Based Driver Skill Assist System**, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-8, Issue-3S, February 2019, pp. 597-600. (Scopus)
56. **Heart Disease Prediction Using Machine Learning Algorithm**, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-10, pp. 2603-2606, August 2019. (Scopus)
57. **Performance Evaluation of Naive Bayes Classifier with and without Filter Based Feature Selection**, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8, Issue-10, August 2019, pp. 2154-2158. (Scopus)
58. **A Study of Remote Sensing in Oceanographic Research**, International Journal of Oceans and Oceanography (IJOO), ISSN 0973-2667 Volume 13, Number 2 (2019), pp. 343-352. (WoS)
59. **IOT Based Smart Farming for Effective Utilization of Water and Energy**, International Journal of Advanced Science and Technology, Vol. 29, No. 7s, (2020), pp. 2496-2500. (Scopus)
60. **Optimized Virtual Network Function Provisioning Technique For Mobile Edge Cloud Computing**, Journal of Ambient Intelligence and Humanized Computing, (2020). <https://doi.org/10.1007/s12652-020-02122-8>. (SCI and Scopus)
61. **MCAMO: Multi Constraint Aware Multi-Objective Resource Scheduling Optimization Technique for Cloud Infrastructure Services**, J Ambient Intell Human Comput (2020). <https://doi.org/10.1007/s12652-020-02138-0>. (SCI and Scopus)
62. **Reflections on COVID-19 in India: A Survey**, International Journal of Pharmaceutical Research, Oct - Dec 2020, Vol. 12, Issue 4, pp. 137-140. <https://doi.org/10.31838/ijpr/2020.12.04.023>. (Scopus)
63. **Automated Query Classification based Web Service Similarity Technique using Machine Learning**, Journal of Ambient Intelligence and Humanized Computing, <https://doi.org/10.1007/s12652-020-02186-6>. (SCI and Scopus)
64. **Coronavirus Disease (Covid-19) Outbreak In India**, International Journal of Pharmaceutical Research, Jan - Mar 2021, Vol. 13, Issue 1, pp. 568-571. <https://doi.org/10.31838/ijpr/2021.13.01.086> (Scopus)
65. **A Cloud-Based Prototype for The Monitoring and Predicting of Data In Precision Agriculture Based on Internet of Everything**, Journal of Ambient Intelligence and Humanized Computing. <https://link.springer.com/article/10.1007/s12652-020-02632-5> (SCI and Scopus)
66. **Providing Diagnosis on Diabetes Using Cloud Computing Environment to the people living in Rural Areas of India**, Journal of Cloud Computing, springer. (Communicated)
67. **A Review of Classification Algorithms in Machine Learning for Medical IoT**, International Journal of Pharmaceutical Research. Jan - Mar 2021, Vol. 13, Issue 1, pp. 3000 – 3007. <https://doi.org/10.31838/ijpr/2021.13.01.448> (Scopus)
68. **SARS-CoV-2 Trauma Handling and Hazard Rescue Through Machine Learning**, International Journal of Pharmaceutical Research. - Mar 2021, Vol. 13, Issue 1, pp. 3302 – 3308. <https://doi.org/10.31838/ijpr/2021.13.01.500> (Scopus)

69. **A New method for human Activity Identification using Convolutional Neural Networks**, International Journal of Cloud Computing. (Accepted)
70. **IoT For Health Monitoring System Based on Machine Learning Algorithm**, Journal of Network and Computer Applications. (Communicated)
71. **Design of an Automated Expert System for Dyspraxia Affected Patients.**

INTERNATIONAL CONFERENCE:

1. International Conference on Recent trends in Computing and Communications “**An Agent Based Prioritized E-Mail Coordination using JADE**” at KCG College of Technology and FACT 2009.
2. International Conference on Recent trends on Emerging trends Technology “**A Web Based Exploratory Analysis of Bio-medical data through the microarray fusion of Grid and Bio-informatics** at the Baseliros Mathews II College of Engg, Kollam, Feb, 2012.
3. Fourth IEEE International Conference on Information Communication & Embedded Systems, “**Multiagent Based Open Source for Supply Chain Management Using JADE**”, DOI:10.1109/ICICES.2014.7033963, ISBN: 978-1-4799-3835-3, 27-28 Feb 2014, (Indexed in IEEE Xplorer, Scopus).
4. 6th IEEE International Conference on Information Communication & Embedded Systems, “**Improved Data Transfer Scheduling and Optimization as a Service in Cloud**”. 25-26 Feb 2016, Pages: 1 - 3, DOI: 10.1109/ICICES.2016.7518895 (Indexed in IEEE Xplorer, Scopus)
5. **Fountain code based cloud storage mechanism for optimal file retrieval delay**, 2016 International Conference on Information Communication and Embedded Systems (ICICES), Chennai, 2016, pp. 1-4. DOI: 10.1109/ICICES.2016.7518901. (Indexed in IEEE Xplorer, Scopus)
6. **Extensibility of File Set Over Encoded Cloud Data Through Empowered Fine Grained Multi Keyword Search**, Proceedings of 2nd International Conference on Intelligent Computing and Applications: ICICA 2015, Springer, Singapore, 2017, pp.595-601, ISBN 978-981-10-1645-5, doi 10.1007/978-981-10-1645-5_50.
7. **Optimizing Data Movement Within Cloud Environment Using Efficient Compression Techniques**, 2016 International Conference on Information Communication and Embedded Systems (ICICES), Chennai, 2016, pp. 1-5. DOI: 10.1109/ICICES.2016.7518896, (Indexed in IEEE Xplorer, Scopus)
8. **Designing A Peer-To-Peer Central-Registry Based Internet Of Things (IoT) Protocol**. 2016 International Conference on Engineering and Technology (ICET), Dec, 2016. Volume-2, pp. 164- 168. ISBN 978-1-5090-3212-9. (Indexed in IEEE Xplorer, Scopus)
9. **Studies on Physical System Security – A Systematic Review**, IEEE Sponsored International Conference on “Recent Advances in Engineering and Technologies – ICRAET, Dec 28th 2017.
10. **A Systemetic Review on Automated Toll Plaza Verification**, IEEE Sponsored International Conference on “Recent Advances in Engineering and Technologies – ICRAET, Dec 28th 2017.
11. **SVM Classifier based Grape Leaf Disease Detection**, IEEE Sponsored International Conference on “Recent Advances in Engineering and Technologies – ICRAET, Dec 28th 2017.

12. **HIVE, PIG and HBASE on HADOOP Framework**, 2nd International Conference on Recent Advances in Engineering and Technologies – ICRAET, 8th & 9th Feb'2019.
13. **Smart Vision Wallet**, Proceedings of The International Conference on Energy and Sustainable Futures (ICESF) 2019, Nottingham Trent University, Nottingham, 9th to 11th September 2019 In collaboration with University Alliance and Doctoral Training Alliance for Energy, pp.373-393. ISBN 978-1-912253-02-9 (eBook)
14. **IoT Based Disaster Management System**, International Conference on Transforming Academic Libraries : Vision 2030, 15th & 16th November 2019.
15. **Opinion Mining for Breast Cancer Disease Using Apriori and K-Modes Clustering Algorithm**, Lecture Notes in Electrical Engineering.

NATIONAL CONFERENCE:

1. National Conference on Emerging Trends in Computing and Information Technology “**IP Spoofing Prevention using IDPF**” at Srinivasa Institute of Engg & Technology” on 28th March 2009.

GUEST LECTURE/ SEMINAR AS SPEAKER – INTERNATIONAL LEVEL

1. **Guest Speaker**, Topic: **Searching algorithms** on 26th November 2020, Namibia University of Science and Technology, Namibia, Southern Africa.

GUEST LECTURE/ SEMINAR AS SPEAKER – NATIONAL LEVEL

1. **Expert Speaker**, Topic: **Machine Learning using Generative Adversarial Networks (GAN)**, 15th January 2021. ABES Engineering College, Ghaziabad, conducting a 5-days On Line FDP on "Machine Learning" from 11th - 15th January 2021, sponsored by Dr. A.P.J. Abdul Kalam Technical University Uttar Pradesh, Lucknow.
2. **Resource Person**, Topic: Pitching Workshop & Linkage of Innovators with Innovation Ambassadors on 9th January 2021 Organized by Dept. of Information Technology, Sri Krishna College of Engineering and Technology, Coimbatore.
3. **Resource Person**, Topic: Image Segmentation, 3rd January 2021. AICTE Sponsored Two Weeks Online Faculty Development Programme on Computer Vision and Image Processing: Research issues, Innovation, and Application, (Phase 1) from 30-12-2020 to 13-01-2021 at PSNA College of Engineering & Technology, Kothandaraman Nagar, Dindigul-624622.
4. **Resource Person**, International Technical e-Workshop MITS'21 entitled "**IoT Emulator with Cooja**" on 01.01.2021, at Madanapalle Institute of Technology & Science (UGC Autonomous), Madanapalle, Chittoor, Andhra Pradesh, India.
5. **Guest Speaker**, **An Hands-on Session on Web Application Security**, on 5th December 2020, Shivajirao Kadam Institute of Technology & Management, Indore, Madhya Pradesh.
6. **Guest Speaker**, Six days Online FDP on “**Nitching Methods on Multi Modal Applications**”, **Topic: Proposal Writing for Funding Agencies**, on 17th

- November 2020 organized by SRM Institute of Science and Technology (Deemed University), Chennai.
7. Inaugural Address and Guest Speaker and Phase II - **AICTE sponsored online STTP on "Writing and Publishing High Impact Research Publications and Scientific Documents"** scheduled from 5th October 2020 organized by Department of Information Technology, Rajalakshmi Engineering College, Chennai.
 8. Speaker, India Technology Week@ Home 2020, 26th to 27th August 2020.
 9. Speaker for the FDP on the topic **Basics of Networking and Network Devices: An Information Security Perspective**. ATAL sponsored online FDP on Cyber Security from 24.08.2020 to 28.08.2020 at St. Joseph's College of Engineering, Chennai.
 10. Speaker of FDP, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune is organizing a training program on "Recent Trends in Information Technology" on "**Big Data driven Solutions to Combat Covid 19**" on 10th August 2020.
 11. Resource Person, Two day Online Workshop on "**Effective Project Proposal for Funding Agencies**" 9th – 10th August 2020. Organized by ITech Publications.
 12. Guest Speaker, Inter College Webinar Session on IPR, at Sri Krishna College of Engineering and Technology, 25th July 2020.
 13. **Resource Person**, Faculty Development Programme on Aerospace Industry 4.0, Karunya Institute of Technology and Sciences, Coimbatore., Session on "**IoT Applications in Aviation**" on July 28, 2020 10 am, as part of the Five day FDP on "Aerospace Industry 4.0", organized from 27 to 31 July 2020.
 14. Speaker, "**IoT Developments: Opportunities and Challenges**", Third edition of IndiaTechnologyWeek (ITW)@Home 2020, 17th July 2020. <https://www.indiatechnologyweek.com/conference-agenda-july/>
 15. Guest Speaker, Special session for Girls, "**10 ways to use Social Media to Build your Personal Brand**", at Sri Krishna College of Engineering and Technology, 11th July 2020.
 16. Guest Speaker, 2nd National level webinar titled "**Big Data Driven Solutions to Combat Covid 19**" on 4th July 2020, Ethiraj College for Women(Auto), Chennai.
 17. Organizer and Guest Speaker, Intra College Webinar on "**Supporting Innovation, IPR And Start-Up**", at Sri Krishna College of Engineering and Technology, 28th June 2020.
 18. **Resource Person**, Six days FDP on Ad Hoc and Wireless Sensor Networks, titled "**IoT Emulation With Cooja**" Organized by Sri Sai Ram Institute of Technology, 22nd June – 27th June 2020.
 19. Guest Speaker, National level Webinar by Research Cultural Society, topic "**Top Big data Technologies**", Theme "Data Analytics Foundation with support of R Programming", 13th June 2020. <http://researchculturesociety.org/wp-content/uploads/Webinar-Data-Analytics-PART-1-Copy.pdf>
 20. Keynote Speaker & Jury for the Paper Presentation Event, The National Level Technical Symposium CYNOSURE 2020, 17th February 2020 at Sri Ramakrishna Institute Of Technology, Pachapalayam, Coimbatore.
 21. Resource Person, Internal Faculty Development Programme on "My Role as an Engineering Educator", organized by the Department of CSE & IT, SKCET, 22nd June 2019.
 22. Resource Person, Internal Faculty Development Programme on "Machine Learning", organized by the Department of CSE & IT, SKCET, 13th June 2019.

23. Resource Person, Internal Faculty Development Programme on "Fundamentals of Computer Science", organized by the Department of CSE & IT, SKCET, 10th June 2019.
24. Guest Speech, Faculty Orientation at SKCET, Outcome Based Education on 6th June 2019.
25. Guest Lecture, Recent Trends in Cloud Computing, Karpaga Vinayaka College of Engg and Tech, Chennai on 20th August, 2018.
26. Guest Speaker, AICTE-ISTE Sponsored Short Term Training Programme (STTP) on IoT Technologies, 9th May, 2018, R.M.D. Engineering College, Chennai.
27. Resource Person, Computer Society of India (CSI) sponsored One Day National Workshop on Mobile Application Development (NWMAD'18), 12th February 2018 organized by Karpaga Vinayaga College of Engineering & Technology, Chennai.
28. Speaker for FDP on Artificial Intelligence and Machine Learning at Sri Krishna College of Engineering and Technology, Coimbatore on 29th June, 2017.
29. Guest Lecture on "Artificial Intelligence – Fuzzy logic, Dempster Schafer Theory and Resolution at Karpaga Vinayaka College of Engg and Tech, Chennai on 13th March, 2017.
30. Guest Lecture on "Java Technology", at Sri Krishna College of Engg and Technology, Coimbatore, on 11th Feb, 2017.
31. Guest Lecture on "Current Trends in Databases" at Karpaga Vinayaka College of Engg and Tech, Chennai on 30th July, 2016.
32. Guest Lecture on "Innovating IoT with Big Data, Cloud and M2M Technologies, Science & Engineering Research Board (SERB) sponsored National level Seminar at KVCET, Chennai on 9th April 2016.
33. Special Guest Lecture on "Cloud Computing" at the Karpaga vinayaga college of engineering and technology, Mar' 05, 2016.
34. Speaker for Anna University Approved Faculty development Programme (FDP) at Jeppiaar Engg College on Compiler Design, Chennai on 29th Jan, 2016.
35. Special Guest Lecture on Extra Edge Programme for pre-primary level students at Velammal Vidyalaya, Ayanampakkam, Jan 9, 2015.
36. Special Guest Lecture on "Artificial Intelligence" at the Magna Engg College, Jan 24, 2013.

HONOURS

1. Interview at Educlasses.co.in, <http://educlasses.co.in/interview-dr-balakrishnan-s-data-science-computer-science-writer-professor-author-coimbatore.html>
2. **Appreciation from India Book of Records (IBR) for filing 18 patents over a period of 15 months.** <https://indiabookofrecords.in/appreciation-dr-balakrishnan-subramanian/#more-40281>
3. **Innovation Ambassador in the Expert Area of "IPR & Technology Transfer",** by Ministry of Human Resource Development (MHRD), Govt. of India Innovation cell - Institution's Innovation Council (IIC). https://mic.gov.in/iic_innovationambassador.php?type=MQ==
4. **Advisory Board,** Centivens Institute of Innovative Research. <http://www.centivens.com/advisory-board.php>
5. IEEE Brand Ambassador, IEEE Advancing Technology for Humanity.
6. Biography included in "World Book of Researchers 2018", Oxford, UK. <https://bookofresearchers.com/2018/balakrishnan-subramanian/>.

7. **2018 Albert Nelson Marquis Lifetime Achievement Award** by Marquis Who's Who, America.

INDIAN ADJUDICATORS

1. Examiner for thesis titled “Novel Key Distribution and Security Framework for Node Level Communication for Wireless Sensor Networks” by Vaneeta M. Visvesvaraya Technological University, Belagavi- 590 018, Karnataka State, India, 11th December 2020.
2. Reviewer of doctoral thesis “Certain Investigation of Secured Cloud Framework to Detect and Prevent Co-resident DOS Attacks” by S.Rethishkumar, Mahatma Gandhi University, Kottayam. 2019.

ACHIEVEMENTS IN HACKATHON

1. Evaluator for Toycathon 2021, organized by Ministry of Education’s Innovation Cell with support from All India Council for Technical Education, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of MSME, Ministry of Textiles and Ministry of Information and Broadcasting.
2. Mentor, Institution’s Innovation Council, National Innovation Contest (2020), MoE’s Innovation Cell, AICTE, New Delhi for the students of K S R Institute For Engineering And Technology, Namakkal.
3. Mentor, Institution’s Innovation Council, National Innovation Contest (2020), MoE’s Innovation Cell, AICTE, New Delhi for the students of KIIT University, Bhubaneswar, Odisha.
4. Mentor, Institution’s Innovation Council, National Innovation Contest (2020), MoE’s Innovation Cell, AICTE, New Delhi for the students of Indian Institute of Technology (Indian School of Mines) Dhanbad, Jharkhand.
5. Mentor, Smart India Hackathon 2020, problem statement “Tracking and prevention of any suspicious activity of the inmates in the jail” by Directorate of Technical Education, Chandigarh. 1st - 3rd August, 2020. (**Title Winner, with cash prize Rs. 1,00,000/-**)
6. Participated in bitCamp of D2C Online Hackathon Festival (OHF) Season 2 organised by Mody University of Science and Technology (MU), Lakshargarh, Rajasthan. 24th May 2020.
7. Participated in ConQuest of D2C Online Quizzing Festival (OQF) Season 5 organised by Punjab Engineering College (PEC), Chandigarh. 24th May 2020.
8. Participated in Code The COVID of D2C Online Hackathon Festival (OHF) Season 2 organised by Netaji Subhas University of Technology (NSUT), Delhi, 24th May 2020.
9. Participated in Code Your Skill of D2C Online Hackathon Festival (OHF) Season 2 organised by Vasavi College Of Engineering (VCE), Hyderabad. 24th May 2020.
10. Participated in Dare-To-Do of D2C Online Hackathon Festival (OHF) Season 2 organised by Indraprastha Institute of Information Technology (IIIT), Delhi. 24th May 2020.
11. Participated in Code4Cause of D2C Online Hackathon Festival (OHF) Season 2 organised by Indian Institute of Technology (IIT), Dharwad on 18th May, 2020.

12. Mentor, Bhopal Smart City Hackathon, Sponsored by Hackerearth & HP, Selected for Top 15, offer for setting up the Incubation Center.
13. Mentor, Smart India Hackathon 2018, Gawhati, Assam. 30-31 March, 2018. (Awarded with Top - 4), with cash prize Rs. 10,000/-
14. Mentor, Rajasthan Hackathon 4.0, 19-21 March, 2018.
15. Under my mentorship my team won the first prize in Google Developer Groups, Coimbatore presented GDG HackKnights, a 24-hour physical hackathon on 18th and 19th August, 2017. About 400 teams registered for the hackathon, out of which 25 teams were short-listed from Rajasthan, Karnataka, Kerala and Tamil Nadu for the grand-finale.

SPECIAL ACHIEVEMENTS

1. Chairman, Programme Advisory Committee.
2. Chairman, Programme Evaluation Committee.
3. Certificate of Participation in Online Quiz contest "The Entrepreneurial Refresh" organized by Scrollwell, 6th December 2020.
4. Certificate of Contribution for supporting World Education Week 2020 as a Volunteer T4 Ambassador, October 2020.
5. Chairman, Board of Studies (BoS), Department of Computer Science and Business Systems, Sri Krishna College of Engg. and Tech, 2020-21 on 28th October 2020.
6. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi, Innovation, IPR, Entrepreneurship and Start-ups among HEIs from 28th April to 22nd May 2020 during Covid-19 nationwide lockdown.
7. Participated in BIT Mesra presents Aap Chronology Samajhiye of D2C Online Treasure Hunt Festival (OTHF) organised by Dare2Compete.
8. Participated in NIT Calicut presents Scavage of D2C Online Treasure Hunt Festival (OTHF) organised by Dare2Compete.
9. Participated in BU Jaipur presents Treasure Island of D2C Online Treasure Hunt Festival (OTHF) organised by Dare2Compete.
10. Participated in MBA IIT Kanpur presents Karte Hai Kuch Prabandh of D2C Online Treasure Hunt Festival (OTHF) organised by Dare2Compete.
11. Participated in FMS Delhi presents Labyrinth of D2C Online Treasure Hunt Festival (OTHF) organised by Dare2Compete.
12. Participated in St Xavier's College Kolkatta presents The Great Enigma of D2C Online Treasure Hunt Festival (OTHF) organised by Dare2Compete.
13. Participated in IBS Hyderabad presents Con-quest of D2C Online Treasure Hunt Festival (OTHF) organised by Dare2Compete.
14. Participated in IRMA Anand presents Dhundhte Reh Jaoge of D2C Online Treasure Hunt Festival (OTHF) organised by Dare2Compete.
15. Participated in SRCC presents Shri Ram Treasure Hunt of D2C Online Treasure Hunt Festival (OTHF) organised by Dare2Compete.
16. Participated in IIT Guwahati presents Strictly Quizness of D2C Online Treasure Hunt Festival (OTHF) organised by Dare2Compete.
17. Participated in bitCamp of D2C Online Hackathon Festival (OHF) Season 2 organised by Mody University of Science and Technology (MU), Lakshmangarh, Rajasthan.

18. Participated in Quiz by LSD of D2C Online Quizzing Festival (OQF) Season 5 organised by Indian Institute of Management (IIM), Ahmedabad.
19. Participated in Quizzical of D2C Online Quizzing Festival (OQF) Season 5 organised by Shailesh J. Mehta School of Management (SJMSOM), Indian Institute of Technology (IIT), Bombay.
20. Participated in AGR_i_MPULSE of D2C Online Quizzing Festival (OQF) Season 5 organised by Institute of Management Studies (FMS), Banaras Hindu University (BHU), Varanasi.
21. Participated in MithyaShastra: The Indian Mythology Quiz of D2C Online Quizzing Festival (OQF) Season 5 organised by Indian Institute of Technology (IIT), Mandi.
22. Participated in Fast and Qrious of D2C Online Quizzing Festival (OQF) Season 5 organised by Indian Institute of Management (IIM), Kashipur.
23. Participated in Brainyclopedia of D2C Online Quizzing Festival (OQF) Season 5 organised by Kalyani Government Engineering College (KGEC), West Bengal.
24. Certificate of Completion, AccessData Certified Investigator, by AccessData, 4th May, 2020.
25. Certificate of Participation, TIVA – Online Contest on 25th January 2020 by Texas Instruments University Program.
26. Certificate of Participation, MSP – Online Contest on 17th January 2020 by Texas Instruments University Program.
27. Chairman, Board of Studies (BoS), Department of Computer Science and Business Systems, Sri Krishna College of Engg. and Tech, 2019-20.
28. Member Board of Adjudicator, Evaluation of the Ph.D Thesis, Mahatma Gandhi University, Kottayam.
29. Member, Special Invitee, Governing Body, Sri Krishna College of Engg. and Tech, 2018-19.
30. Academic Council Member as Head of the Department, Sri Krishna College of Engg. and Tech, 2018-19, on 26th June 2019.
31. Academic Council Member as Internal Senior Faculty member, Sri Krishna College of Engg. and Tech, 2018-19, on 8th Feb 2019.
32. Chairman, Board of Studies (BoS), Department of Computer Science and Business Systems, Sri Krishna College of Engg. and Tech, 2018-19.
33. Certificate of Appreciation for Mentor, NPTEL online Certification course, "Introduction to Machine Learning". Jul - Dec 2017.
34. Internal Member, Board of Studies for CSE at SVCET,Chittoor.
35. Worked as a Chief Superiendentent for both Anna University and AUT Examinations.
36. Proctor of University of Florida EDGE program (Distance Learning in Engineering), USA.
37. Acted as an Anna University Representative for University Examinations to various Engineering Colleges.
38. Acted as Vice-Chairman for Anna University Central valuation for CSE/IT Board.
39. Question Paper Setter in Anna University of Technology Coimbatore, Sri Ramakrishna Engg College, Coimbatore, Saveetha University, Chennai,PSNA College of Engg, Tirunelveli.
40. Examiner for Review of Answer Script for Anna University, Chennai.
41. Acted as Flying Squad Member for Anna University Examinations.
42. Acted as External Examiner for practical examinations CEG Anna University Study Center, Anna University, Chennai -25.

43. Acted as a External Examiner for practical examinations Saveetha University, Chennai.

TECHNICAL CONFERENCE ORGANIZATIONS

KEYNOTE SPEAKER/ INVITED SPEAKER

International:

1. **Invited speaker**, The 3rd International Conference on Machine Learning and Intelligent Systems (MLIS 2021), November 8th-11th, 2021 Xiamen, China. <http://www.machinelearningconf.org/Speaker>
2. **Keynote Speaker**, International Virtual conference on recent trends in Mechanical, AI and IOT applications (IVCMAI-2020), July 25-26, 2020. www.ivcmai.com
3. **Invited speaker**, 9th International Conference on Electronics, Communications and Networks (CECNet2019), conjunction with the 5th International Conference on Fuzzy System and Data Mining (FSDM2019) in Kitakyushu International Conference Center, Kitakyushu City, Japan, October 18-21, 2019. <http://www.cecnetconf.org/speaker/Balakrishnan.html>
4. **Invited speaker**, CECNet 2018, 16-19 Nov, 2018, Bangkok, Thailand. <http://www.cecnetconf.org/InvitedSpeakers.html>
5. **Speaker**, 2018 International Conference on Education Science and Social Development (ESSD 2018), sponsored by Advanced Information Science Research Center (AISRC), Shanghai, China, July 21-22, 2018. <http://www.essd-2018.org/?op=speakers>.
6. **Invited Speaker**, World Conference & Expo on Biomedical Engineering, Miami , USA, July 16-17, 2018.

National:

1. **Invited Speaker**, 1st International Conference on "Information Security Risks – Techno Legal Management TeLMISR" – 21st - 22nd May, 2018. (Elsevier Conference). <http://telmISR.com/speakers.php>
2. **Keynote Speaker**, International Conference on Recent Trends Environment Sustainable Development, 23-25th Feb, 2018, Vivekananda Global University, Jaipur, Rajasthan, India. <http://www.ieae.in/rtesd/index.php#>.

FELLOWSHIPS

1. **Indian Fellows**, India School on Internet Governance 2020, Virtual Edition, 7-10 Oct 2020. https://insig.in/?page_id=22.

EDITORSHIPS

1. **Editorial Advisory Board Member**, Call for Chapters: “Managing Resources for Futuristic Wireless Networks”, IGI Global. <https://igi-global.com/publish/call-for-papers/call-details/2951>

2. **Editor of International Journal of MC Square Scientific Research (ISSN: 0975-0932).** <http://www.ijmsr.org/ojs/index.php/ijmsr/about/editorialTeam>
3. **Editor in Chief,** The American Journal of Humanities and Social Sciences Research (THEAJHSSR), http://theajhssr.com/editorial_board.html#
4. **Editor,** Proceedings of the 2019 International Conference on Modeling, Analysis, Simulation Technologies and Applications (MASTA 2019)
Editors: Prof. E. Macioszek, Silesian University of Technology, Poland; **Prof. S. Balakrishnan**, Sri Krishna College of Engg & Technology, India; Dr. A. Mathews, Bethany College, USA, Volume 168, July 2019. <https://www.atlantispress.com/proceedings/masta-19/publishing>
5. **Editor,** 2019 International Conference on Economics, Management and Social Development (EMSD2019), Wuhan, China, June 23-24, 2019. <http://www.emsd2019.org/com.html>.
6. **Editorial Board Member,** International Congress On Recent Advances In Sciences And Technology, Malaysia, Feb. 20-22, 2019. <http://icorast.org/page.php?id=1>.
7. **Editor,** Proceedings of the 2018 3rd International Conference on Control, Automation and Artificial Intelligence (CAAI 2018). Editors: Dr. A. Luévanos Rojas, Autonomous University of Coahuila, México; Prof. W. T. Sung, National Chin-Yi University of Technology, Taiwan; **Prof. S. Balakrishnan**, Anna University, India; Dr. K. Weller, Science and Engineering Research Center, Hong Kong, Volume 1, August 2018. <https://www.atlantispress.com/proceedings/series/ahis>
8. **Special Session Editor,** “Data Science and Analytics”, 7th International Conference on Intelligent and Advanced System (ICIAS) 2018, Kuala Lumpur Convention Centre, Malaysia, 13-15 August 2018. <http://estcon.utp.edu.my/icias/index.php/special-session-5-data-science-and-analytics/>
9. **Special Session Editor,** “Machine Vision and Image Fusion”, 7th International Conference on Intelligent and Advanced System (ICIAS) 2018, Kuala Lumpur Convention Centre, Malaysia, 13-15 August 2018. <http://estcon.utp.edu.my/icias/index.php/special-session-6-machine-vision-and-image-fusion/>.
10. **Editor,** Proceedings of the 2018 International Conference on Computer Science, Electronics and Communication Engineering (CSECE 2018), ISSN: Part of series: ACSR, ISSN: 2352-538X, volume: 80, ISBN: 978-94-6252-487-3. <https://www.atlantispress.com/proceedings/csece-18/publishing>.
11. **Editor,** Proceedings of the 2018 International Conference on Computer Modeling, Simulation and Algorithm (CMSA 2018), Editors: **Dr. S.BALAKRISHNAN**; Prof. Ş. T̂ĀLU; Prof. F. ABED-MERAIM; Prof. M. Bhardwaj. Volume 151, April 2018. <https://www.atlantispress.com/proceedings/cmsa-18>.
12. **Editor,** Proceedings of the 2018 2nd International Conference on Artificial Intelligence: Technologies and Applications (ICAITA 2018), Editors: Prof. K. Balakrishnan, Karpaga Vinayaga College, India; Dr. D. Samadhiya, National Chiao Tao University, Taiwan; **Prof. S. BalaKrishnan**, Anna University, India. Volume 146, March 2018. <https://www.atlantispress.com/proceedings/icaita-18>.
13. **Chief Guest Editor,** Journal of Informatics and Mathematical Science, Special issue on: “Machine Learning and its Applications”. <http://www.rgnpublications.com/journals/index.php/jims/pages/view/mla>

14. **Editor**, International Journal of Advanced Research in Computer Science Engineering and Information Technology.
<http://www.isrjournals.org/editorialboard>.

GENERAL CHAIR/ SESSION CHAIR

International:

1. **General Chair**, 2021 4th International Conference on Modeling, Simulation and Optimization Technologies and Applications (MSOTA2021), December 17-18, 2021 in Xiamen, China. <http://www.4th-msota.org/com.html>
2. **General Chair**, 2020 2nd International Conference on Medicine, Bioengineering and Artificial Intelligence (MBAI2020), Xiamen, China during December 20-21, 2020. <http://mbai2020.org/com.html>
3. **Program Chair**, 2020 3rd International Conference on Modeling, Simulation and Optimization Technologies and Applications (MSOTA2020), November 22-23, 2020 in Xiamen, China. <http://www.msota2020.org/com.html>.
4. **Publication Chair**, 2019 International Conference on Big Data, Electronics and Communication Engineering (BDECE2019), November 24-25, 2019 in Beijing, China. <http://www.bdece.org/com.html>
5. **Session Chair**, International Conference on Science, Engineering & Technological Innovation, 24 & 25th October, 2020. Research Culture Society & Kryvyi Rih National University, Ukraine. <https://researchculturesociety.org/icseti-oct-2020/>
6. **General Chair**, 2019 International Conference on Mathematics, Big Data Analysis and Simulation and Modeling (MBDASM2019), Changsha, China, August 30-31, 2019. <http://www.mbdasm.org/com.html>.
7. **Publication Chair**, 2019 International Conference on Advanced Education, Management and Humanities, Wuhan, China during July 19-21, 2019. <http://www.aemh2019.org/com.html>
8. **Publication Chair/Editor**, 2019 International Conference on Economics, Management and Social Development (EMSD2019), Wuhan, China, June 23-24, 2019. <http://www.emsd2019.org/com.html>.
9. **Publication Chair**, 2019 International Conference on Modeling, Analysis, Simulation Technologies and Applications (MASTA2019), May 26-27, 2019, Hangzhou, China. <http://www.masta2019.org/com.html>.
10. **General Chair**, 2018 International Conference on Power, Electrical and Energy Engineering (ICP3E2019), Shenzhen, China, February 27-28, 2019. <http://www.icp3e2019.org/com.html>.
11. **General Chair**, 2018 International Conference on Wireless Communication, Network and Information Technology (WCNIT2018), November 25-26, 2018, in Xiamen, China. <http://www.wcnit2018.org/com.html>.
12. **General Chair**, 2018 International Conference on Applied Mathematics, Modeling and Intelligence Computation (AMMIC2018), Beijing, China, October 28-29, 2018. <http://www.ammic2018.org/com.html>
13. **Conference Chair**, International Congress on Network & Communication 2018, 18-20, October 2018: Bangkok, Kingdom of Thailand, <http://www.intcongress.com/icnc2018/>

14. **General Chair**, 2018 3rd International Conference on Control, Automation and Artificial Intelligence (3rd-CAAI 2018), August 26-27, 2018, Beijing, China. <http://www.cai2018.org/com.html>.
15. **General Chair**, 2018 International Conference on Education Science and Social Development (ESSD 2018), sponsored by Advanced Information Science Research Center (AISRC), Shanghai, China, July 21-22, 2018. <http://www.essd-2018.org/?op=organization>.
16. **General Chair**, 2018 International Conference on Communication, Network and Artificial Intelligence (CNAI2018), April 22-23, 2018, Beijing, China. <http://www.cnai2018.org/com.html>
17. **General Chair**, 2018 International Conference on Computer Modeling, Simulation and Algorithm (CMSA2018), April 22-23, 2018, Beijing, China. <http://www.cmsa2018.org/com.html>.
18. **General Chair**, 2018 2nd International Conference on Artificial Intelligence: Technologies and Applications (ICAITA2018), March 25-26, 2018, Chengdu, China. <http://www.icaita2018.org/com.html>.
19. **General Chair**, 2018 International Conference on Computer Science, Electronics and Communication Engineering (CSECE2018), February 7-8, 2018, Wuhan, China. <http://www.csece2018.org/com.html>.
20. **General Chair**, 2nd International Conference on Communications, Information Management and Network Security (CIMNS2017), October 22-23, 2017 in Beijing, China. <http://www.cimns2017.org/com.html>.
21. **General Chair**, 2017 2nd International Conference on Advances in Management Engineering and Information Technology (AMEIT2017), April 23-24, 2017, Shanghai, China. http://www.ameit2017.org/com_cn.html.
22. **Honorary Chair, IEEE Conference, Seoul, South Korea, 2017.** <https://ieeexplore.ieee.org/iel7/8336028/8343465/08343759.pdf>.

National:

1. **Chairperson**, Virtual International Conference on Artificial Intelligence & Smart Computing (ICAISC-2020), October 15-17, 2020 at Bannari Amman Institute Of Technology, Sathyamangalam.
2. **Session Chair**, Special Session on Intelligent Internet of Things (IIoT), 5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA-2020) Manipal University Jaipur, Jaipur, Rajasthan, India February 13-15, 2020.
3. **Session Chair**, International Conference on Transforming Academic Libraries : Vision 2030, 14, 15 & 16 November 2019 @ SKCET.
4. **Session Chair**, 1st International Conference on "Information Security Risks – Techno Legal Management TeLMISR", 21st - 22nd May, 2018. (Elsevier Conference). <http://telmisr.com/speakers.php>.
5. **Session Chair**, IEEE Sponsored International Conference on “Recent Advances in Engineering and Technologies – ICRAET, Dec 28th 2017.

PROGRAM COMMITTEE MEMBER

International:

1. **International Committee Member**, International Conference On Surgery & Plastic Surgery 2021 (ICSPS 2021), 26-27 November 2021, Singapore. <https://econf.co/icsps2021/comt.php>
2. **International Scientific Committee**, ICSMCC 2021 : 23rd International Conference on Social Media and Cloud Computing, Paris, France September 21 - 22, 2021. <https://waset.org/conference/2021/09/Paris/ICSMCC/committees>.
3. **Technical Program Committee**, 2021 International Conference on Environment, Earth Science and Intelligent Information Systems (EESIIS2021), Guangzhou, China during September 17-18, 2021. <http://www.eesiis.org/com.html>
4. **Program Committee**, 7th International conference on Time Series and Forecasting (ITISE 2021), 19th-21st July, 2021, Gran Canaria, Spain. <http://itise.ugr.es/organization.php>
5. **Technical Program Committee**, International Conference On Sentimental Analysis And Deep Learning (ICSADL 2021), 18-19 June, 2021 | Thailand. <http://icsadl.com/committee.html>
6. **International Scientific Committee**, 2021 International Conference on Modeling, Simulation and Optimization: Technologies and Engineering Applications (MSOTEA2021), Beijing, China during April 11-12, 2021. <http://www.msotea.org/com.html>
7. **International Scientific Committee**, 6th International Conference on Education Reform and Modern Management (ERMM2021), April 11-12, 2021 in Beijing, China. <http://www.6th-ermm.org/com.html>
8. **International Technical Program Committee**, First International Conference on Artificial Intelligence and Sustainable Computing for Smart Cities (AIS2C2), 22-23 March, 2021, India, Jointly Organised By Department of Computer Science and Engineering, University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, U.P., India, Department of Technical Sciences, Jan Wyzykowski University, Polkowice, Poland, Department of Automatic Control, Computers & Electronics Department, Petroleum-Gas University of Ploiesti, Bucuresti Blvd., Ploesti, Romania, Department of Informatics, University of Economics Varna, Bulgaria, Faculty of Technology, WSG University Bydgoszcz, Poland, School of Engineering Technology, Federal Polytechnic, Oko, Anambra State, Nigeria. https://aiscindia2021.com/?page_id=339
9. **Committee Member**, International Conference On Peace And Conflict Management 2021 (ICPCM 2021), 12-13 March, 2021, Toronto, Canada (Virtual). <https://www.econf.co/icpcm2021/comt.php>
10. **Committee Member**, International Conference On Culture And History 2021 (ICCH 2021), 12-13 March 2021, Toronto, Canada (Virtual). <https://econf.co/icch2021/comt.php>
11. **Committee Member**, International Conference Of Indigenous And Cultural Psychology 2021 (ICICP 2021), 12-13 March, 2021, Toronto, Canada. <https://econf.co/icicp2021/comt.php>
12. **Technical Committee Member**, Fourth International Conference on Knowledge Collaboration in Engineering 2021, January 04 - 05, 2021 at Kuala Lumpur, Malaysia. <https://confintl.org/ickce/comt.php>
13. **Technical Committee Member**, International Conference on Women's Leadership 2021 (ICWL 2021), January 04 - 05, 2021 at Kuala Lumpur, Malaysia <https://coreconferences.com/icwl2021/>

14. **Technical Review Committee**, 4th International Congress 2020, 28 - 29, December 2020 : Kuala Lumpur, Malaysia. <https://www.intcongress.com/comt.php>.
15. **International Scientific Committee**, 2020 International Conference on New Energy, Power and Environmental Engineering (NEPEE2020), Xiamen, China, December 20-21, 2020. <http://www.nepee2020.org/com.html>
16. **International Scientific Committee**, 2020 International Workshop on Intelligent Computing, Communication and Data Engineering (ICCDE2020), Beijing, China during November 22-23, 2020. <http://www.iccde2020.org/com.html>
17. **International Scientific Committee**, 2020 3rd International Conference on Applied Mathematics, Modeling and Simulation (AMMS2020), Shanghai, China, September 20-21, 2020. <http://www.amms2020.org/com.html>
18. **International Scientific Committee**, 2020 2nd International Conference on Computer Modeling, Simulation and Algorithm (CMSA2020), June 21-22, 2020, in Beijing, China. <http://www.cmsa2020.org/com.html>
19. **Committee Member**, International Conference On Public Administration, Social Science & Humanities 2020 (ICPASSH 2020), 15-17 May, 2020. <https://www.econf.co/icpassh2020/comt.php>
20. **Committee Member**, International Conference On Business Sustainability, Human Resource Development And Social Responsibility 2020 (ICBSHRDSR 2020), 15-17 May, 2020, London, UK. <https://www.econf.co/icbshrdsr2020/comt.php>
21. **Committee Member**, 2020 International Conference on Advanced Energy, Environment and Chemical Engineering (AEECE2020), Hangzhou, China during April 12-13, 2020. <http://www.aeece2020.org/com.html>
22. **Technical Committee**, 12th International Conference on Computer Modeling and Simulation, Brisbane, Australia, February 24-27, 2020. <http://www.iccms.org/committee.html>
23. **International Advisory Board**, Third International Conference on Bio-Science and Bio-Technology (BSBT 2020), January 30 - 31, 2020 at Tokyo, Japan.
24. **International Advisory Board**, Third International Conference on Grid and Distributed Computing (GDC 2020), January 30 - 31, 2020 at Tokyo, Japan.
25. **International Advisory Board**, Third International Conference on Cloud-Computing and Super-Computing (CCSC 2020), January 30 - 31, 2020 at Tokyo, Japan.
26. **International Advisory Board**, Third International Conference on Electrics, Electronics, and Computer Science (EECS 2020), January 30 - 31, 2020 at Tokyo, Japan.
27. **International Advisory Board**, Third International Conference on Database Theory and Application (DTA 2020), January 30 - 31, 2020 at Tokyo, Japan.
28. **International Advisory Board**, Third International Conference on Artificial Intelligence and Application (AIA 2020), January 30 - 31, 2020 at Tokyo, Japan.
29. **International Advisory Board**, Third International Conference on Computer and Computing Science (CCS 2020), January 30 - 31, 2020 at Tokyo, Japan.
30. **International Scientific Committee**, 3rd International Conference on Advances in Management Science and Engineering (AMSE2020), January 12-13, 2020 in Wuhan, China. <http://www.3rd-amse.org/com.html>
31. **International Scientific Committee**, 2020 2nd International Conference on Advanced Control, Automation and Artificial Intelligence (ACAAI2020), January 11-13, 2020, Wuhan, China. <http://www.2nd-acaai.org/com.html>

32. **Technical Committee**, Sixth International Conference on Information Engineering, Management and Security 2020. 03-04, Jan, 2020. <https://confintl.org/iciems/comt.php>
33. **Technical Committee**, Third International Conference on Frontier Areas in Power, Energy and Control 2020, 03-04, Jan, 2020. <https://confintl.org/icfapec/comt.php>
34. **Technical Committee**, Sixth International Conference on Systems, Science, Control, Communication, Engineering and Technology 2020, 03-04, Jan, 2020. <https://confintl.org/icsscet/comt.php>
35. **Technical Committee**, Seventh International Conference on Inter Disciplinary Research in Engineering and Technology, 03-04, Jan, 2020. <https://confintl.org/igidret/comt.php>
36. **Technical Program Committee**, 2019 2nd International Conference on Communication, Network and Artificial Intelligence (CNAI2019), Guangzhou, China on December 27-29, 2019. <http://www.cnai-conf.org/com.html>
37. **Committee Member**, International Conference on Artificial Intelligence, Robotics & IOT (ICAIRIOT-19) 27th & 28th November 2019, Hong Kong. <http://icairiot.co.in/committee.php>
38. **Committee Member**, 2019 International Conference on Big Data, Electronics and Communication Engineering (BDECE2019), November 24-25, 2019, Beijing, China. <http://bdece.org/com.html>
39. **International Scientific Committee**, 2019 2nd International Conference on Mathematics, Modeling and Simulation Technologies and Applications (MMSTA2019), October 27-28, 2019, Xiamen, China. <http://www.mmsta2019.org/com.html>
40. **International Advisory Board**, Second International Conference on Computer Graphics, Animation and Game (CGAG 2019), October 04 - 05, 2019, Singapore. <https://stemconferences.com/committee/>
41. **International Advisory Board**, Second International Conference on Web Science and Engineering (WSE 2019), October 04 - 05, 2019 at Singapore.
42. **International Advisory Board**, Second International Conference on Communication Technology for Social Networks (CTSN 2019), October 04 - 05, 2019 at Singapore.
43. **International Advisory Board**, Second International Conference on Human and Smart Device Interaction (HSDI 2019), October 04 - 05, 2019 at Singapore.
44. **International Advisory Board**, Second International Conference on Information Technology and Computer Science (ITCS 2019), October 04 - 05, 2019 at Singapore.
45. **International Advisory Board**, Second International Conference on Multimedia, Computer Graphics and Broadcasting (MCGB 2019), October 04 - 05, 2019 at Singapore.
46. **International Scientific Committee**, 2019 5th International Conference on Education Reform and Modern Management (ERMM2019), September 22-23, 2019, Shanghai, China. <http://www.ermm2019.org/com.html>
47. **International Scientific Committee**, 2019 International Conference on Computer Science, Communications and Multimedia Engineering (CSCME2019), Shanghai, China, September 22-23, 2019. <http://www.cscme-conf.org/com.html>
48. **International Scientific Committee**, 2019 International Conference on Civil Engineering, Mechanics and Materials Science (CEMMS2019), Changsha, China, August 30-31, 2019. <http://www.cemms2019.org/com.html>

49. **International Scientific Committee**, 2018 International Conference on Information Technology and Management Engineering (ICITME2018), August 26-27, 2018 in Beijing, China. <http://www.itmeconf.org/com.html>
50. **Editorial Board Member**, International Congress on Recent Advances in Sciences And Technology. July 25th, 2019, Malaysia. <http://icorast.org/page.php?id=1>
51. **International Scientific Committee**, 2nd International Conference on Electrical and Electronic Engineering (EEE2019), Hangzhou, China, May 26-27, 2019. <http://www.eee2019.org/com.html>.
52. **International Scientific Committee**, 2019 International Conference on Advanced Materials, Mechatronics and Computer Engineering (AMMCE2019), Hangzhou, China during May 26-27, 2019. <http://www.ammce2019.org/com.html>.
53. **International Scientific Committee**, 2019 International Conference on Management Innovation, Education Reform and Applied Social Science (MIERASS2019), Guilin, China, April 21-22, 2019. <http://www.mierass2019.org/com.html>
54. **International Scientific Committee**, 2019 International Conference on Applied Mathematics, Modeling, Simulation and Optimization (AMMSO2019), Guilin, China, April 21-22, 2019. <http://www.ammso2019.org/com.html>.
55. **International Scientific Committee**, 2019 International Conference on Wireless Communication, Network and Multimedia Engineering (WCNME2019), April 21-22, 2019, Guilin, China. <http://www.wcnme2019.org/com.html>.
56. **International Scientific Committee**, 2019 International Conference on Electrical, Mechanical Control, Automation and Robotics (EMCAR2019), Beijing, China, March 24-25, 2019. <http://www.emcar2019.org/com.html>.
57. **International Scientific Committee**, 2019 International Conference on Computer Science, Communications and Big Data (CSCBD2019), Beijing, China, March 24-25, 2019. <http://www.cscbd-conf.org/com.html>.
58. **International Scientific Committee**, 2019 International Conference on Advanced Electrical, Mechatronics and Computer Engineering (AEMCE2019), February 27-28, 2019, Shenzhen, China. <http://www.aemce-conf.com/com.html>.
59. **International Scientific Committee**, 2nd International Conference on Informatics, Control and Automation (ICA2019), February 27-28, 2019, Shenzhen, China. <http://www.2nd-ica.org/com.html>.
60. **International Scientific Committee**, 2019 International Conference on Education, Management, Economics and Humanities (ICEMEH2019), February 27-28, 2019, Shenzhen, China. <http://www.emehconf.org/com.html>.
61. **International Scientific Committee**, 2019 International Conference on Modeling, Simulation, Optimization and Numerical Techniques (SMONT2019), February 27-28, 2019 in Shenzhen, China. <http://www.smont2019.org/com.html>.
62. **International Scientific Committee**, 2019 International Conference on Energy, Power, Environment and Computer Application (ICEPECA2019), Wuhan, China, January 20-21, 2019. <http://www.icepeca2019.org/com.html>.
63. **International Scientific Committee**, 2019 International Conference on Artificial Intelligence, Control and Automation Engineering (AICAE2019), January 20-21, 2019, in Wuhan, China. <http://www.aicae-conf.org/com.html>.
64. **Technical Committee Member**, 11th International Conference on Computer Modeling and Simulation ICCMS 2019, Melbourne, Australia January 16-19, 2019. <http://iccms.org/com.html>.

65. **International Scientific Committee**, ICAOSMAS 2019 : 21st International Conference on Agent-Oriented Software and Multi-Agent Systems, Bali, Indonesia, January 14 - 15, 2019. <https://waset.org/conference/2019/01/bali/ICAOSMAS/committees>.
66. **International Scientific Committee**, ICCCGC 2019 : 21st International Conference on Cluster, Cloud and Grid Computing, Zurich, Switzerland, January 14 - 15, 2019. <https://waset.org/conference/2019/01/zurich/ICCCGC/committees>.
67. **International Scientific Committee**, 2018 3rd International Conference on Education, Management and Systems Engineering (EMSE2018), Xiamen, China during November 25-26, 2018. <http://www.emse2018.org/com.html>.
68. **International Scientific Committee**, 2018 2nd International Conference on Modeling, Simulation and Optimization Technologies and Applications (MSOTA2018), November 25-26, 2018, Xiamen, China. <http://www.msota2018.org/com.html>.
69. **Technical Committee Member**, ICCASA 2018 - 7th EAI International Conference on Context-Aware Systems and Applications November 22-23, 2018, Viet Tri, Vietnam. <http://iccasa.org/technical-program-committee/>
70. **Technical Committee Member**, ICTCC 2018 - 4th EAI International Conference on Nature of Computation and Communication November 22-23, 2018, Viet Tri, Vietnam. <http://ictcc.org/technical-program-committee/>
71. **International Scientific Committee**, ICECECS 2018 : 20th International Conference on Embodied Cognition and Embodied Cognitive Science, Barcelona, Spain, October 29 - 30, 2018. <https://waset.org/conference/2018/10/barcelona/ICECECS/committees>
72. **International Scientific Committee**, 2018 4th International Conference on Applied Mechanics and Mechanical Automation (AMMA2018), October 28-29, 2018, Beijing, China. <http://www.amma2018.org/com.html>.
73. **International Scientific Committee**, 2018 International Conference on Information, Electronic and Communication Engineering (IECE2018), October 28-29, 2018, Beijing, China. <http://www.iece2018.org/com.html>.
74. **International Scientific Committee**, ICICCT 2018 : 20th International Conference on Internet and Cloud Computing Technology, Bali, Indonesia October 22 - 23, 2018. <https://waset.org/conference/2018/10/bali/ICICCT/committees>.
75. **Technical Review Committee**, 3rd International Congress 2018, 18 - 20, October 2018: Bangkok, Kingdom of Thailand. <http://intcongress.com/com.php>.
76. **Technical Review Committee**, International Congress On Web Intelligence 2018, 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. <http://www.intcongress.com/com.php>.
77. **Technical Review Committee**, International Congress On Web Engineering 2018, 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. <http://www.intcongress.com/com.php>.
78. **Technical Review Committee**, International Congress On Egovernance 2018, 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. <http://www.intcongress.com/com.php>.
79. **Technical Review Committee**, International Congress On Innovations In Engineering & Technology, 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. <http://www.intcongress.com/com.php>.

80. **Technical Review Committee**, International Congress On Next Generation Computing And Communication Technologies 2018, 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. <http://www.intcongress.com/com.php>.
81. **Technical Review Committee**, International Congress On Algorithms And Computation 2018, 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. <http://www.intcongress.com/com.php>.
82. **Technical Review Committee**, International Congress On Internet Security 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. <http://www.intcongress.com/com.php>.
83. **Technical Review Committee**, International Congress On Internet Of Things 2018, 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. <http://www.intcongress.com/com.php>.
84. **Technical Review Committee**, International Congress On Integrated Network Management 2018, 18 - 20, October 2018 : Bangkok, Kingdom of Thailand.
85. **Technical Review Committee**, International Congress On Ad-Hoc Networks 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand.
86. **Technical Review Committee**, International Congress On World Web Protocols 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand.
87. **Technical Review Committee**, International Congress On Soft Computing 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand.
88. **Technical Review Committee**, International Congress On Wireless And Optical Communication 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand.
89. **Technical Review Committee**, International Congress On Computer Applications 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand.
90. **Technical Review Committee**, International Congress On Security Protocols 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand.
91. **Technical Review Committee**, International Congress On Sensor Networks 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand.
92. **Technical Review Committee**, International Congress On Super Computing 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand.
93. **Technical Review Committee**, International Congress On Multimedia 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. www.intcongress.com/icmm2018.
94. **Technical Review Committee**, International Congress On Software Engineering 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. www.intcongress.com/icse2018.
95. **Technical Review Committee**, International Congress On Database Systems 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. www.intcongress.com/icds2018.
96. **Technical Review Committee**, International Congress On Grid, Distributed & Parallel Computing 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. www.intcongress.com/icgdpc2018.
97. **Technical Review Committee**, International Congress On Mobile & Wireless 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. www.intcongress.com/icmw2018.
98. **Technical Review Committee**, International congress on nano technology 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. www.intcongress.com/icnt2018.

99. **Technical Review Committee**, International congress on big data & analytics 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. www.intcongress.com/icbda2018.
100. **Technical Review Committee**, International congress on cloud computing 2018. 18 - 20, October 2018 : Bangkok, Kingdom of Thailand. www.intcongress.com/iccc2018.
101. **International Scientific Committee**, 2018 2nd International Conference on Computer Science and Information Engineering (CSIE2018), Wuhan, China, September 27-28, 2018. <http://www.csie2018.org/com.html>.
102. **International Scientific Committee**, 2018 International Conference on Applied Social Science, Education and Management Science (ASSEMS2018), Wuhan, China, September 27-28, 2018. <http://www.assems2018.org/com.html>.
103. **International Scientific Committee**, 2018 3rd International Conference on Communications, Information Management and Network Security (CIMNS2018), September 27-28, 2018, in Wuhan, China. <http://www.cimns2018.org/com.html>.
104. **Technical Committee**, International Conference On Internet Of Things And Cloud Computing 2018, Sep 24-25, Dubai. www.iciotcc.com/comt.php.
105. **Program Committee**, 39th International Conference, ISAT 2018, 16-18, September, 2018, Court Park in Nysa and at the University of Applied Sciences in Nysa, Poland.
106. **International Scientific Committee**, ICANNE 2018 : 20th International Conference on Artificial Neural Networks Engineering, Paris, France August 27 - 28, 2018. <https://waset.org/conference/2018/08/paris/ICANNE/committees>.
107. **International Scientific Committee**, 2018 International Conference on Applied Mechanics, Mechatronics and Materials (AMMM2018), August 26-27, 2018, Beijing, China. <http://www.ammm2018.org/com.html>.
108. **International Scientific Committee**, 2018 International Conference on Information Technology and Management Engineering (ICITME2018), August 26-27, 2018, Beijing, China. <http://www.itmeconf.org/com.html>.
109. **International Scientific Committee**, 2018 International Conference on Computer, Communications and Network Engineering (CCNE2018), August 26-27, 2018, Beijing, China. www.ccne2018.org/com.htm.
110. **International Scientific Committee**, 2018 2nd International Conference on Applied Mathematics, Modeling and Simulation (AMMS2018), August 26-27, 2018 in Beijing, China. <http://www.amms2018.org/com.html>.
111. **International Scientific Committee**, 2018 International Conference on Information Technology and Management Engineering (ICITME2018), August 26-27, 2018, Beijing, China. <http://www.icitme2018.org/com.html>.
112. **Technical Committee**, International Conference on Computer, Engineering, Law, Education and Management 2018 (ICCELEM 2018), August 21-22, 2018, Seoul, South Korea. <http://iccelem.com/comt.php>.
113. **Technical Committee**, Seventh International Conference on Cloud Computing and eGovernance 2018, Greenwich University, London, UK, August 9-10, 2018. <http://www.iccecg.org/comt.php>.
114. **Technical Committee**, Fifth International Conference on eBusiness, eCommerce, eManagement, eLearning and eGovernance 2018, Greenwich University, London, UK, August 9-10, 2018. <http://www.ic5e.org/comt.php>.
115. **International Scientific Committee**, 2018 International Conference on Education, Management and Social Science (EMSS2018) which will be held on July 22-23, 2018, Shanghai, China. <http://www.emss2018.org/com.html>.

116. **International Scientific Committee**, 2018 International Conference on Computer, Electronic and Mechanical Engineering (CEME2018), July 22-23, 2018, Shanghai, China. <http://www.ceme2018.org/com.html>.
117. **International Scientific Committee**, ICCCN 2018 : 20th International Conference on Cloud Communications and Networking Applications, Toronto, Canada, July 19 - 20, 2018. <https://waset.org/conference/2018/07/toronto/ICCCNA/committees>.
118. **International Scientific Committee**, ICCMTA 2018 : 20th International Conference on Cloud Manufacturing Technologies and Applications, Toronto, Canada, July 19 - 20, 2018. <https://waset.org/conference/2018/07/toronto/ICCMTA/committees>.
119. **International Scientific Committee**, ICCCN 2018 : 20th International Conference on Cloud Communications and Networking Applications, Toronto, Canada, July 19 - 20, 2018. <https://waset.org/conference/2018/07/toronto/ICCCNA/committees>.
120. **International Scientific Committee**, ICCSM 2018 : 20th International Conference on Cloud Security and Management, Stockholm, Sweden, July 12 - 13, 2018. <https://waset.org/conference/2018/07/stockholm/ICCSM/committees>.
121. **Technical Committee**, Third International Conference on Cloud of Things and Wearable Technologies 2018 (ICCOTWT2018), Third International Conference on Cloud of Things and Wearable Technologies 2018. Detroit, Michigan, United States of America. July 12-13, 2018. <http://www.iccotwt.com/comt.php>.
122. **Technical Program Member**, 2nd International Conference on Modern Education and Information Technology (MEIT 2018), 23-24 June 2018, Xiamen, China. <http://www.meit2018.org/?op=committees>.
123. **International Scientific Committee**, 2018 International Conference on Computational Modeling, Simulation and Mathematical Statistics (CMSMS2018), Xi'an, China, June 24-25, 2018. <http://www.cmsms2018.org/com.html>.
124. **International Scientific Committee**, 2018 3rd International Conference on Electrical, Automation and Mechanical Engineering (EAME2018), June 24-25, 2018, Xi'an, China. <http://www.eame2018.org/com.html>.
125. **International Scientific Committee**, 2018 2nd International Conference on Artificial Intelligence and Software Engineering (AISE2018), June 24-25, 2018 Xi'an, China. <http://www.aise2018.org/com.html>.
126. **Committee Memembr**, 2018 8th International Conference on Advanced Computer Control (ICACC2018), May 17-18, 2018, Bangkok, Thailand. <http://www.icacc.org/committee.html>.
127. **International Scientific Committee**, 2018 2nd International Conference on Applied Mathematics, Modelling and Statisitcs Application (AMMSA2018), May 27-28, 2018, Sanya, China. <http://www.ammsa2018.org/com.html>.
128. **International Scientific Committee**, 2018 International Conference on Computer, Electronic Information and Communications (CEIC2018), May 27-28, 2018, Sanya, China. <http://www.ceic2018.org/com.html>.
129. **International Committee Member**, 8th International Conference On Advanced Computer Control (ICACC2018), Thailand, May 17-18, 2018. <http://www.icacc.org/committee.html>.
130. **International Scientific Committee**, CAASE 2018 : 20th International Conference on Advanced Applications of Systems Engineering, Barcelona, Spain,

- May 17 - 18, 2018.
<https://waset.org/conference/2018/05/barcelona/ICAASE/committees>.
131. **International Scientific Committee**, ICAIM 2018 : 20th International Conference on Artificial Intelligence for Mechatronics, Rome, Italy May 3 - 4, 2018. <https://waset.org/conference/2018/05/rome/ICAIM/committees>.
132. **International Scientific Committee**, ICCETA 2018 : 20th International Conference on Cloud Engineering: Theory and Applications, Boston, USA April 23 - 24, 2018.
<https://waset.org/conference/2018/04/boston/ICCETA/committees>.
133. **International Scientific Committee**, 2018 International Conference on Computer and Mechatronics (ICCM2018), April 22-23, 2018, Beijing, China.
<http://www.iccm2018.org/com.html>.
134. **International Scientific Committee**, 2018 International Conference on Education Reform and Management Science (ERMS2018), April 22-23, 2018, Beijing, China. <http://www.erms2018.org/com.html>.
135. **International Scientific Committee**, 2018 International Conference on Computer, Electronic and Mechanical Engineering (CEME2018), April 22-23, 2018, Beijing, China. <http://www.ceme2018.org/com.html>.
136. **International Scientific Committee**, 2018 International Conference on Mathematics, Modeling, Simulation and Algorithms (MMSA2018), March 25-26, 2018, Chengdu, China. <http://www.mmsa2018.org/com.html>.
137. **International Scientific Committee**, 2018 International Conference on Education, Social Sciences and Humanities (ICSSH2018), March 25-26, 2018, Chengdu, China. <http://www.icssh2018.org/com.html>
138. **International Scientific Committee**, ICVRT 2018 : 20th International Conference on Virtual Reality Technologies, Paris, France March 15 - 16, 2018. <https://waset.org/conference/2018/03/paris/ICVRT/committees>
139. **International Scientific Committee**, 2018 International Conference on Applied Mathematics, Algorithms and Modelling (AMAM2018), February 7-8, 2018, Wuhan, China. <http://www.amam2018.org/com.html>.
140. **International Scientific Committee**, 2018 International Conference on Modeling, Simulation and Analysis (ICMSA2018), Feb 7-8, 2018, Wuhan, China. <http://www.icmsa2018.org/com.html>.
141. **International Scientific Committee**, 2018 International Conference on Advanced Control, Automation and Artificial Intelligence (ACAAI2018), Shenzhen, China, January 21-22, 2018. <http://www.acaai2018.org/com.html>.
142. **International Scientific Committee**, 2018 3rd International Conference on Education and Management Science (ICEMS2018), January 21-22, 2018, Shenzhen, China.
143. **International Scientific Committee**, ICCCGC 2018 : 20th International Conference on Cluster, Cloud and Grid Computing, Zurich, Switzerland January 15 - 16, 2018. <https://waset.org/conference/2018/01/zurich/ICCCGC/committees>.
144. **International Scientific Committee**, ICM 2017 : 19th International Conference on Middleware, Paris, France, December 28 - 29, 2017. <https://waset.org/conference/2017/12/Paris/ICM/committees>
145. **International Scientific Committee**, ICISACC 2017 : 19th International Conference on Information Science and Advanced Cloud Computing, Dubai, UAE, December 25 - 26, 2017. <https://waset.org/conference/2017/12/dubai/ICISACC/committees>

146. **International Scientific Committee**, 2017 2nd International Conference on Wireless Communication and Network Engineering (WCNE2017), December 24-25, 2017, Xiamen, China. <http://www.wcne2017.org/com.html>.
147. **International Scientific Committee**, ICCNCE 2017 : 19th International Conference on Computer Networks and Communications Engineering, Istanbul, Turkey, December 21 - 22, 2017. <https://waset.org/conference/2017/12/istanbul/ICCNCE/committees>.
148. **International Scientific Committee**, ICAOSM 2017 : 19th International Conference on Agent-Oriented Software Models, San Diego, USA, December 18-19, 2017. <https://waset.org/conference/2017/12/san-diego/ICAOSM/committees>.
149. **International Scientific Committee**, ICAOSSEP 2017 : 19th International Conference on Agent-Oriented Software and Software Engineering Problems, Miami, USA, December 14 - 15, 2017. <https://waset.org/conference/2017/12/miami/ICAOSSEP/committees>.
150. **Technical Program Committee**, 2017 3rd International Conference on Artificial Intelligence and Industrial Engineering (AIIE2017) November 26-27, 2017 in Shanghai, China. <http://www.aiie2017.org/com.html>
151. **International Scientific Committee**, 2017 International Conference on Applied Mathematics, Modeling and Simulation (AMMS2017, November 26-27, 2017 in Shanghai, China. <http://www.amms2017.org/com.html>.
152. **International Scientific Committee**, ICCWS 2017 : 19th International Conference on Cloud and Web Services, Dubai, UAE, November 24 - 25, 2017. <https://waset.org/conference/2017/11/dubai/ICCWS/committees>
153. **International Scientific Committee**, ICMIIIE 2017 : 19th International Conference on Manufacturing Intelligence for Industrial Engineering, Istanbul, Turkey, October 26 - 27, 2017. <https://waset.org/conference/2017/10/istanbul/ICMIIIE/committees>
154. **Technical Program Committee**, 2017 6th International Conference on Computer Science and Network Technology (ICCSNT2017), Dalian, China, October 21-22, 2017. (co-sponsored by IEEE Harbin Section). <http://www.iccsnt.org/ICCSNT2017/ShowArticle.asp?ArticleID=427>.
155. **International Scientific Committee**, ICANNE 2017 : 19th International Conference on Artificial Neural Networks Engineering, London, United Kingdom October 19 - 20, 2017. <https://waset.org/conference/2017/10/london/ICANNE/committees>.
156. **Technical Program Committee**, International Conference on Computational Sciences, Advanced Database and Computing (CSADC2017), Phuket, Thailand, October 11-12, 2017. (Springer). <http://www.iccsadc.org/tcom.html>.
157. **Technical Program Committee**, 2017 2nd International Conference on Artificial Intelligence: Techniques and Applications (AITA2017) September 17-18, 2017, Shenzhen, China. <http://www.aita2017.org/com.html>.
158. **International Scientific Committee**, for 4th International Conference on Education Reform and Modern Management (ERMM2017), August 6-7, 2017, Phuket, Thailand. <http://www.ermm2017.org/com.html>.
159. **International Scientific Committee**, 2nd International Conference on Computer, Network Security and Communication Engineering (CNSCE2017), March 26-27, 2017, Bangkok, Thailand. <http://www.cnsce2017.org/com.html>.
160. **Technical Program Committee/Reviewer**, Science and Engineering Research Center (SERC). <http://www.ser-center.org/tpc.html>

National:

1. **Technical Program Committee**, 2nd International Conference on Smart Electronics and Communication (ICOSEC 2021), 07-09 October, 2021, Kongunadu College of Engineering and Technology. <http://www.icsec.in/2021/committee.html>
2. **Technical Committee**, International conference on Academic Science And Engineering (ICASAE-2021), 30th - 31st July 2021, Bhubaneswar, Organized By Institute For Engineering Research and Publication (IFERP). <https://icasae.in/technical-committee.php>
3. **Technical Program Committee**, International Conference on Smart Data Intelligence (ICSMDI 2021), April 01-02, 2021, Kongunadu College of **Engineering and Technology, Trichy, India.** <http://icsmdi.com/committee.php>
4. **Technical Program Committee**, 2nd International Conference on Technological Innovations in Engineering and Management (ICTIEM-21), 30th - 31st March 2021. Visakhapatnam. <https://ictiem.net/technical.php>
5. **Technical Program Committee**, International Conference on Artificial Intelligence and Smart Systems (ICAIS 2021), 25-27, March 2021, conducted by JCT College of Engineering and Technology. <http://icaise.in/2021/committee.html>
6. **Advisory Committee**, 2nd International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-2021), 18th March 2021, Le Royal Meridian Hotel, Chennai, India. <http://icmiar.net/nationall-advisory.php>.
7. **Technical Program Committee**, International Conference on Pervasive Computing and Social Networking (ICPCSN 2021), 19-20, March 2021 organized by Narasu's Sarathy Institute of Technology, Salem. <http://icpsi.in/committee.html>
8. **Technical Program Committee**, 15th INDIACom; 2021 8th International Conference Computing for Sustainable Global Development, 17th – 19th March 2021. <http://bvicam.ac.in/indiacom/technicalProgrammeCommittee.asp>
9. **National Committee Member**, International Conference On Smart IOT Applications (ICSIA), Organized By : Pallavi Engineering College, Hyderabad, Telangana, Sponsored By : Institute For Engineering Research and Publication (IFERP), Feb' 2021. <https://www.icsia.net/national-committee.php>
10. **Advisory Committee**, 3rd International Conference on Latest Trends in Engineering and Management (ICLTEM-2021)", 26th & 27th February 2021 at Amanora Park Town, Amanora, Pune, India. <https://icltem.com/advisory-committee.php>
11. **Advisory Committee**, 3rd International conference on Latest Trends in Engineering and Management (ICLTEM), 26th - 27th February 2021, Pune. <https://icltem.com/advisory-committee.php>
12. **Technical Program Committee**, International Conference on Expert Clouds and Applications (ICOECA 2021), on 18-19, February 2021 by GITAM School of Technology, Bangalore. <http://icoeca.com/commitee.html>
13. **Advisory Committee**, 4th International Conference on Recent Advancements in Engineering and Technology (ICRAET-2021), 29th – 30th January 2021, Delhi. <https://www.icraet.in/advisory-committee.php>
14. **Technical Program Committee**, 5th International Conference On Inventive Systems And Control (ICISC 2021), 7-8 January 2021, JCT College Of Engineering And Technology. <https://icoisc.org/2021/committee.html>

15. **Advisory Committee**, Virtual Conference On IoT And Intelligent Apps, 4th December, 2020. <https://iot.iferp.in/organizing-committee.php>
16. **Technical Program Committee**, International Conference on Artificial Intelligence and Sustainable Engineering (ICAISE 2020), November 2020. <http://icaise.in/committee.html>
17. **Advisory Board Member**, Virtual Conference On Blockchain Technology, 30th & 31st October, 2020. <https://blockchain.iferp.in/advisory-board.php>
18. **Advisory Board Member**, 30th World Conference On Applied Science, Engineering And Technology - (Virtual Conference), 30th October, 2020. <https://wcaset.com/virtual-conference/30th-wcaset/advisory-board.php>
19. **Organizing Committee Member**, Virtual Conference on Ubiquitous AI and Machine Learning, 16th & 17th October, 2020. <https://ai.iferp.in/advisory-board.php>
20. **National Advisory Committee**, 1st International Conference on Renewable Energy and Green Technology (ICREGT-2020) as a Virtual Conference, 09th-10th of October 2020 organized by Department of Electrical and Electronics Engineering (EEE) in SRM Institute of Science and Technology (SRM IST), Ghaziabad. <http://icregt.com/national-advisory-committee.php>
21. **Advisory Committee**, International Conference on Smart Electronics and Communication (ICSEC 2020) organized on 10-12, September 2020 by Kongunadu College of Engineering and Technology, Trichy. <http://icsec.in/committee.html>
22. **Technical Program Committee**, International Conference on Data Intelligence and Cognitive Informatics (ICDICI-2020), 8-9th, July 2020, Organized by SCAD College of Engineering and Technology, Tirunelveli, India. <http://icdici.in/#committee> (Springer Sponsored)
23. **National Advisory Committee**, International Conference on Emerging Areas in Technology and Engineering (ICEATE-2020), 22nd and 23rd of May, 2020, Pallavi Engineering College at Hyderabad, Telangana. <http://iceate.com/national-advisory.php>
24. **National Advisory Committee**, 2nd International Conference on Technological Innovations in Engineering and Management (ICTIEM-20), 24th - 25th April 2020, Thiruvananthapuram. <https://ictiem.net/national-advisory.php>
25. **Technical Review Committee**, 3rd International Conference on Interdisciplinary Research (ICIR), 24th - 25th April 2020, Keys Select Hotels, Thiruvananthapuram. <https://icir.co.in/technical-review-committee.php>
26. **Technical Programme Committee**, Second International conference on Topical Transcends In Science, Technology & Management (ICTTSTM – 2020), Sai Vidya Institute of Technology, Bangalore-560064, India on 27th - 28th March 2020. <https://www.insc.in/svit/tpc.php>
27. **National Advisory Committee**, 2nd International Conference on Technological Innovations in Engineering and Management (ICTIEM-20) will be held on 20th - 21st March 2020 at Noida, Uttar Pradesh. <http://ictiem.net/national-advisory.php>
28. **Technical Programme Committee**, INDIACom-2020, 14th INDIACom; 2020 7th International Conference On Computing for Sustainable Global Development, 12 – 14th March, 2020. IEEE Conference ID: 49435. <https://www.bvicam.ac.in/indiacom/technicalProgrammeCommittee.asp>
29. **National Advisory Committee**, International conference on Recent Advancements in Engineering and Technology (ICRAET-2020), 17th - 18th January 2020, Ahmedabad.

30. **National Advisory Committee**, AICTE Sponsored International Conference on Computing, Communication, Electrical and Electronics Engineering [ICCCEEE - 2020] 10th - 11th January, 2020. Organized G.Pulla Reddy Engineering College (Autonomous), Kurnool. <http://icceee.com/national-committee.php>.
31. **Advisory Committee**, International Conference on Recent Trends in Electrical, Electronics and Computer Science Engineering (ICEECS-2020) January 10th-11th, 2020, Deokali, Uttar Pradesh Organized By Uma Nath Singh Institute of Engineering & Technology, V B S Purvanchal University, Jaunpur – 222003, UP, India. <http://iceecs.net/national.php>
32. **Technical Committee**, Sixth International Conference on Systems, Science, Control, Communication, Engineering and Technology 2020. New Delhi, Republic of India, 03-04 Jan, 2020. <https://confintl.org/icsscet/comt.php>.
33. **Advisory Committee**, International Conference on Multidisciplinary Innovation in Academic Research (ICMIAR-19), 20th - 21st December, 2019 in Kochi. <http://icmiar.net/advisory-committee.php>
34. **Internal Organizing Committee Member**, International Conference on Transforming Academic Libraries : Vision 2030, 14 - 16 November 2019. <http://skcet.ac.in/script/ICTAL/Committees.htm>
35. **Advisory Committee**, International conference on Latest Trends in Engineering and Management (ICLTEM-19), 20th - 21st October 2019, at Accord Hotel Pondicherry. <http://icltem.com/advisory-committee.php>
36. **Internal Organizing Committee member**, NCRAC-2019: National Conference on Recent Advances in Computing-2019, Sri Krishna College of Engineering and Technolgy, Coimbatore, India, September 19-20, 2019. <https://easychair.org/cfp/NCRAC2019>
37. **Advisory Committee Member**, International Conference on Recent Challenges in Engineering and Technology, Aug 09th- 10th, 2019, Bangalore, Organized by Institute For Engineering Research and Publication. <http://icrcet.org/advisory.php>
38. **National Advisory Committee Member**, International Conference on “Multidisciplinary Perspectives In Engineering & Technology (ICMPET-2019), 24th - 25th May 2019, Markapur, Andhra Pradesh. <http://icmpet.com/national.php>.
39. **National Advisory Committee Member**, 7th International Conference on Applied Science Engineering and Technology (ICASET-19), 2nd - 3rd May 2019 at Sri Sairam College of Engineering, Bengaluru. <http://icaset.in/national.php>
40. **Organizing Committee**, International Conference On Applied Sciences, Engineering, Technology And Management (ICASETM-19), 26th - 27th April, 2019. <http://icasetm.com/ocm.php>.
41. **Technical Programme Committee**, 13th INDIACom; 2019 6th International Conference as *INDIACom-2019*. 13th - 15th March, 2019. <http://bvicam.ac.in/indiacom/technicalProgrammeCommittee.asp>.
42. **Technical Committee**, Sixth International Conference on Inter Disciplinary Research in Engineering and Technology 2019, 29 - 30 JAN, 2019, Newdelhi. <http://confintl.org/icidret/comt.php>.
43. **Organizing Committee**, 15th World Conference on Applied Science Engineering and Technology (WCASET 2018), 30th-31st December 2018 at Kyriad Hotel,Goa. <http://wcaset.org/organizing-committee.php>.
44. **Organizing Committee**, 6th International Conference On Applied Science Engineering And Technology (ICASET-18), Pondichery, organized by Institute

- For Engineering Research and Publication (IFERP), 29th - 30th December 2018. <http://www.icaset.in/organizing-committee.php>.
45. **National Advisory Committee**, International Conference On Emerging Trends On Engineering Science, Technology And Management (ICETESTM-18), 29th - 30th November 2018 at Srikakulam, Andhra Pradesh, organized by Aditya Institute of Technology and Management and Institute For Engineering Research and Publication (IFERP). <http://icetestm.com/national-advisory.php>.
 46. **Technical Committee**, Fifth International Conference on Inter Disciplinary Research in Engineering and Technology 2018, 29th Nov, 2018. <http://icidret.in/comt.php>.
 47. **Technical Organizing Committee**, 6th International Conference on Chip, Circuitry, Current, Coding, Combustion & Composites (i7C), 28th - 29th November 2018, Anekal, Bengaluru, Karnataka, organized by IFERP-India along with Sri Sairam College of Engineering. <http://i7c.in/technical-program.php>.
 48. **Technical Committee**, International Conference On Knowledge Collaboration In Engineering 2018, september 21 – 22, New Delhi. <http://confintl.org/ickce/comt.php>.
 49. **Technical Committee**, International Conference On Computer Applications 2018, september 21 – 22, New Delhi. <http://confintl.org/icca/comt.php>.
 50. **Technical Committee**, International Conference On Advances In Science, Engineering And Technology 2018, september 21 – 22, New Delhi. <http://confintl.org/icaset/comt.php>.
 51. **Technical Committee**, International Conference On Advanced Innovations In Engineering And Technology 2018. September 21 – 22, New Delhi. <http://confintl.org/icaiet/comt.php>.
 52. **Technical Committee**, International Conference On Cryptography And Security 2018. september 21 – 22, New Delhi. www.confintl.org/iccs/comt.php.
 53. **Technical Committee**, International Conference On Information Engineering, Management And Security 2018, september 21 – 22, New Delhi. <http://confintl.org/iciems/comt.php>.
 54. **Technical Committee**, International Conference On Innovative Trends In Electronics Communication And Applications 2018, september 21 – 22, New Delhi. <http://confintl.org/icieca/comt.php>.
 55. **Technical Committee**, International Conference On Inter Disciplinary Research In Engineering And Technology 2018, september 21-22, New Delhi. <http://confintl.org/icidret/comt.php>.
 56. **Technical Committee**, International Conference On Human Machine Interaction 2018, september 21-22, New Delhi. <http://confintl.org/ichmi/comt.php>.
 57. **Technical Committee**, International Conference On Frontiers Of Research In Engineering, Science And Technology 2018, september 21-22, New Delhi. <http://confintl.org/icforest/comt.php>.
 58. **Technical Committee**, International Conference On Systems, Science, Control, Communication, Engineering And Technology 2018, september 21 – 22, New Delhi. <http://www.confintl.org/icsscet/comt.php>.
 59. **Technical Committee**, First International Conference on Recent Evolutions and Adaptable Technologies in Engineering 2018, New Delhi, Republic of India. 21-22, Sep, 2018. <http://icreate.asia/comt.php>.
 60. **Technical Committee**, Fifth International Conference on Innovative trends in Electronics Communication and Applications 2018, New Delhi, Republic of India. <http://confintl.org/icieca/comt.php>.

61. **Technical Committee**, Fifth International Conference on Inter Disciplinary Research in Engineering and Technology 2018, New delhi, India. 21-22, Sep, 2018. <http://icidret.in/>
62. **National Advisory/ Programme Committee**, 1st International Conference on "Information Security Risks – Techno Legal Management TeLMISR" – 21st - 22nd May, 2018. (Elsevier Conference). <http://telmisr.com/committees.php>.
63. **National Advisory Committee**, 5th International Conference on Applied Science Engineering and Technology -ICASET-18", 18th and 19th, May '2018, organized by Sri Sairam College of Engineering, Bengaluru, Karnataka State and IFERP- Institute for Engineering Research and Publications. <http://icaset.in/advisory.php>
64. **Technical Program Committee Member**, 12th INDIACom: 2018 5th International Conference as INDIACom-2018. (IEEE's Conference). <http://bvicam.ac.in/indiacom/technicalProgrammeCommittee.asp>.
65. **Technical Committee**, Second International Conference on Advanced Innovations in Engineering and Technology 2018, 27th March, 2018. <http://icaiet.in/comt.php>.
66. **Technical Committee**, Fourth International Conference on Knowledge Collaboration in Engineering 2018, 23rd March, 2018. <http://ickce.in/index.html>.
67. **Advisory & Technical Committee Member**, Computer Society of India (CSI) sponsored One Day National Workshop on Mobile Application Development (NWMAD'18), 12th Feb' 2018 organized by Karpaga Vinayaga College of Engineering & Technology, Chennai.
68. **Technical Program Committee Member**, International Conference On Intelligent Communication And Computational Techniques (ICCT 17), Manipal University, Jaipur, 22-23 December 2017. <https://icct.co.in/committees#techprogcommittee>.
69. **Organizing Committee Member**, 3rd International Conference on Applied Science Engineering and Technology (ICASET-17)" that took place in Anekal, Bengaluru on 18th - 19th May 2017.
70. **Technical Committee**, First International Conference on Cryptography and Security 2017, ICCS 2017 @ New Delhi, India, 09-10 Feb,2017. <http://iccs.asdf.res.in/comt.php>.

CONFERENCE PROCEEDINGS AS COMMITTEE MEMBER

1. **International Scientific Committees**, Proceedings of the 2019 International Conference on Wireless Communication, Network and Multimedia Engineering (WCNME 2019). <https://www.atlantis-press.com/proceedings/wcnme-19/people>
2. **General Chair**, Proceedings of the 2018 International Conference on Computer Modeling, Simulation and Algorithm (CMSA 2018), **Series:Advances in Intelligent Systems Research**. <https://www.atlantis-press.com/proceedings/cmsa-18/people>.
3. **General Chair**, Proceedings of the 2018 International Conference on Education Science and Social Development (ESSD 2018), Series: Advances in Social Science, Education and Humanities Research. <https://www.atlantis-press.com/proceedings/essd-18/people>.
4. **International Scientific Committees**, Proceedings of the 2017 International Conference on Applied Mathematics, Modeling and Simulation (AMMS 2017). Series: Advances in Intelligent Systems Research. <https://www.atlantis-press.com/proceedings/amms-17/people>

5. **International Scientific Committees**, Series: Advances in Intelligent Systems Research, Proceedings of the 2018 International Conference on Advanced Control, Automation and Artificial Intelligence (ACAAI 2018). <https://www.atlantis-press.com/proceedings/acaai-18/people>.

CHIEF GUEST/JUDGE

1. Jury for Paper presentation, National Level Technical Symposium, Sri Ramakrishna Institute of Technology, Coimbatore, 30th January, 2019.
2. Special Invitee & Judge for Paper presentation, National Level Technical Symposium, Sri Ramakrishna Institute of Technology, Coimbatore, 16th March, 2018.
3. Chief Guest, Computer Society of India (CSI) sponsored One Day National Workshop on Mobile Application Development (NWMAD'18), 12th February 2018 organized by Karpaga Vinayaga College of Engineering & Technology, Chennai.
4. Chief Guest and Judge, National Symposium held at Mamallan Institute of Technology, Chennai, March-2007.
5. Judge, National Symposium held at Sree Sastha Institute of Technology, Chennai. 2008.

REVIEWER IN IEEE ACCESS

1. Certificate of Reviewer Recognition, Affinity Learning via Self-Supervised Diffusion for Spectral Clustering, December, 2020. IEEE Access.
2. Certificate of Reviewer Recognition, Line Chart Understanding with Convolutional Neural Network, December, 2020. IEEE Access.

EDITORIAL BOARD MEMBER/ REVIEWER

1. Reviewer, Book Chapter on Cloud Computing, Universities Press.
2. Editorial Board Member, Scientific & Technical Research Association (STRA). <https://straweb.org/membership/list-of-members/page/6>
3. Reviewer, "3ICT2020" (2020 International Conference on Innovation and Intelligence for Informatics, Computing and Technologies (3ICT)), (<http://iiict.uob.edu.bh/3ict20>).
4. Reviewer, Data'20 (2020 International Conference on Data Analytics for Business and Industry). <http://data20.uob.edu.bh/>
5. Editor, Samvakti Journals. <https://www.samvaktijournals.com/partner/editor/balkiparu>
6. Reviewer, Asian Journal of Fisheries and Aquatic Research.
7. Reviewer, IOP Conference Series: Materials Science and Engineering, Volume 790, 2019 2nd International Conference on Communication, Network and Artificial Intelligence 27-29 December 2019, Guangzhou, China. <https://iopscience.iop.org/article/10.1088/1757-899X/790/1/011002>
8. Editorial Board Member cum Reviewer, Macaw International Journal of Advanced Research in Computer Science and Engineering
9. Reviewer, Journal Of Information And Knowledge Management.

10. Reviewer, IGI Global.
11. Reviewer and PC Member, International Conference on Artificial Intelligence and Computer Vision (AICV'2020). (**Springer**)
12. Reviewer, 5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA-2020) Manipal University Jaipur, Jaipur, Rajasthan, India February 13-15, 2020. (**Springer**)
13. "Bentham Science Brand Ambassador". Bentham Science Publishers, a major STM Publisher, publishes over 100 journals (print and online). It also has an extensive eBook library, widespread over various disciplines.
14. Reviewer, 40th International Conference Information Systems Architecture and Technology, September 15-17, 2019, Wroclaw, Poland.
15. Reviewer, International Journal of Engineering and Designing Innovation (IJEDI).
16. Editorial Board Member, Journal on Wireless and Mobile Communication.
17. Editorial Board Member, International Transactions on Computer and Network Security.
18. Editorial Board Member, Journal on Cloud Computing, Framework and Policies.
19. International Review Panel, International Transactions On Software Engineering.
20. International Review Panel, International Journal On Human Machine Interaction.
21. International Review Panel, International Journal on Mathematical Education.
22. Editorial Board Member, International Journal Of Knowledge Transfer.
23. Editorial Board Member, International Journal On Strategy Management.
24. Editor and Reviewer, Knowledge Publishing Group (KPG).
25. Editorial Board Member, International Journal of Engineering Studies (IJES).
26. Reviewer, IEAE- International Journal of Engineering (IJE)
27. Reviewer, 39th International Conference Information Systems Architecture and Technology, September 16-18, 2018, Nysa, Poland.
28. Advisory Board Member, Vivekananda Journal of Research.
29. Reviewer, Journal of Emerging Technologies and Innovative Research (UGC Approved)
30. Editorial Member and Reviewer, International Journal Of Engineering Development And Research.
31. Reviewer, AP International Conference on Transformations in Engineering Education 2018.
32. Review Member, Journal of Emerging Technologies and Innovative Research.
33. Review Member, Journal of Cluster Computing, (Springer) (Annexure 1).
34. Member of Review panel in an International Journal of Electrical Engineering & Technology, (JEET) (Annexure 1).
35. Member of Review panel in an International Journal of Technology in Computer Science & Engineering, (ISSN 2349-1582).
36. Editorial Board Member of International Journal of Advanced Software Engineering (GBS-IJASE).
37. Editorial Board Member of International Science & Research Journals.
38. Review panel member of Association of Scientists, Developers and Faculties (ASDF), London. (International Body of Higher Standards)
39. Editorial Member (Reviewer), Research Journal of Engineering and Technology.

40. Editorial Advisory Board/Reviewer of 'International Journal of Computer Engineering in Research Trends'.
41. Editorial Board Member in ISR Journals.
42. Reviewer of IEAE – Int. Journal of Engineering, Basic Sciences, Management and Social Studies.
43. Reviewer of International Journal of Information Technology (Published by **Springer**)
44. Editorial board Member of "International Journal of Recent Development in Computer Technology & Software Applications (IJRDCTSA)
45. Editorial board Member of "International Journal for Innovative Research in Multidisciplinary Field" (IJIRMF)
46. Editorial board Member of "International Journal of Research Culture Society" (IJRCS)

CONFERENCE / WORKSHOP / SEMINAR / GUEST LECTURES ORGANIZED

1. Organizer, Inter College Webinar Session on IPR, at Sri Krishna College of Engineering and Technology, 25th July 2020.
2. Organizer, Webinar Session on Innovation, at Sri Krishna College of Engineering and Technology, 12th July 2020.
3. Organizer, Webinar Session on Start Up, at Sri Krishna College of Engineering and Technology, 5th July 2020.
4. Organizer, Intra College Webinar on "Supporting Innovation, IPR And Start-Up", at Sri Krishna College of Engineering and Technology, 28th June 2020.
5. Organizing Committee Member, National level Webinar by Research Cultural Society, topic "Data Analytics Foundation with support of R Programming", 13th June 2020.
6. Organizing Committee member, Indian Cyber Congress – IV Edition, Initiative by National Cyber Safety and Security Standards and Association with Ministry of Electronics and Information Technology, Govt. of India, 20th and 21st December 2019 at Sri Krishna College of Engineering and Technology.
7. Organizing Committee member, National Conference on Recent Advances in Computing (NCRAC-2019), September 19-20, 2019 Organized by Department of Computer Applications & Department of Information Technology, SKCET. (AICTE Sponsored)
8. Organized two Guest Lectures, SKCET, during Jan-Mar, 2019.
9. Coordinator, National Level Conference, Tenth National Conference on Computing, Communication and Information Systems – NCCCIS -2018, SKCET, 23rd March, 2018.
10. Convener of National Level Technical Symposium, RGCE, 10.01.2009.
11. Convener of National Level Technical Symposium, RGCE, 22.11.2011.
12. Convener of Graduation day held on 02.04.2011.
13. Organized various seminars on Cloud Computing, C# and its applications in Industry, Basic Networking, Mainframe Computers and so on.
14. Conducted Workshop on Network Configuration.

ADMINISTRATIVE RESPONSIBILITIES

1. As the Head of Department, responsible for the Academic, Administration and Accounts of the Department.
2. Proposals and Reports Preparation and Submission to various Apex bodies like AICTE, Anna University, ISO and NBA.
3. Acting as a Management Representative for ISO Commission & Worked for the NBA Certification for the Department.

ACADEMIA-INDUSTRY INTERFACE

1. Nominated as Mentor, Analytics India Magazine.
2. Train the Trainer Programme on Computer Science & Business Systems with TCS, Kolkatta, June 2019.
3. Matrix Comsec (Telecom & Security Solutions) Vadodara, Gujarat, 3rd October, 2019.
4. Academia Visit To MS University, Baroda, 4th October, 2019.
5. Train the Trainer Programme on Computer Science & Business Systems with TCS, Siruseri, Chennai, 18th and 19th November 2019.

INNOVATIONS IN TEACHING LEARNING PROCESS

1. Industry based Curriculum Upgradation in CSBS syllabus.

SEMINARS / FDP / WEBINARS / WORKSHOPS / CONFERENCES ATTENDED

1. Certificate of participation in the Global Citizens' Dialogue on the future of Internet by Missions Publiques.
2. Certificate of participation in the webinar "How to File Patent, Copyright and Trademark", 4th October 2020 by Research Circle.
3. Certificate of Appreciation, participating in the Keysight PathWave Seminar conducted by Keysight Technologies and EFY group on 1st September 2020.
4. Online Faculty Development Program for the course on 'Computer Science & Business Systems' designed by Tata Consultancy Services, conducted on 17th & 18th June 2020.
5. Certificate of Participation, ICT Academy Convergence 2020 (Annual Members Meeting) Organized by ICT Academy held on 15th July 2020.
6. Certificate of Participation, IEEE Virtual Tech Talk: IEEE 802 Networking Standards – Connecting the World.
7. 3 day FDP on "Emerging Technologies in Electronics and Communication Engineering & Computing, organized by Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College from 4th June 2020 to 6th June 2020.
8. Attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) held on 6th June 2020, by MHRD's Innovation Cell.
9. Attended Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History) held on 30th May 2020, Dr. Abhay Jere (Chief Innovation Officer-MHRD Innovation Cell, Govt. of India) Hosting Live session of Leadership

- Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History) by MHRD's Innovation Cell.
10. Conference Delegate, T4.Education, “The New Normal Education post COVID -19 on 30th May 2020.
 11. Attended Leadership Talk With Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell, Saturday, 16th May 2020 at 01.00 PM by MHRD's Innovation Cell.
 12. Talent Summit 2020 – Chennai, ICT Academy, 25th Feb’2020, IITM Research Park, Chennai.
 13. ICT Academy Bridge 2020 - Chennai Edition, 2020-02-26 - IIT Madras Research Park, Chennai.
 14. One day National seminar on Technical Issues and Challenges on Data & Cyber Security, Conducted by Ananda College, Devakottai on 10th Feb’ 2020.
 15. Two Weeks Faculty Development Programme on “Deep Learning and Computational Intelligence in Bioinformatics” at Sri Krishna College of Engineering and Technology, from 18th November 2019 to 1st December 2019.
 16. 5 day AICTE-ISTE approved Induction/ Refresher Programme “Artificial Intelligence & Machine Learning” at Agni College of Technology, from 10th June 2019 to 14th June 2019.
 17. One day conference on Artificial Intelligence and Cloud Computing, CII Connect Coimbatore 2019, 24th July 2019 at Hotel The Residency Towers, Coimbatore.
 18. 2 day Faculty Development Programme for the course on “Computer Science & Business Systems”, designed by Tata Consultancy Services conducted at Indian Statistical Institute, Kolkatta. 27th June – 28th June 2019.
 19. 3 day Workshop, “Academic Leadership Workshop”, Wipro Limited, Bangalore. 8th - 10th April 2019.
 20. 5 day Workshop, “Inspiring Engineers Through Innovation, Creative Models and Machines”. IIT Gandhinagar, Gujarat. 12th – 16th March, 2019.
 21. One day conference, CII Connect Coimbatore 2019, 1st March 2019 at Hotel Le Meridien, Coimbatore,
 22. Two day workshop on “Design Thinking”, by Confederation of India Industry (CII), Regional Summit on Higher Education Drivers of the Higher Education 3.0: Technology, Innovation and Competency, 19 - 20 December 2018, Coimbatore.
 23. Three day Faculty Development Program for the course on “Computer Science & Business Systems”, designed by Tata Consultancy Services conducted at Indian Statistical Institute, Kolkatta. 5th Dec – 7 th Dec 2018.
 24. Salesforce Academic Summit 2018 in Association with ICT Academy, 8th May, 2018. ITC Grand Chola, Chennai.
 25. Three day Workshop on “IIEECP - IUCEE (Indo-US Collaboration for Engineering Education) International Engineering Educators Program”. On 12th Sep to 14th Sep, 2016.
 26. Ten day Training programme on “Big Data Analytics”, conducted by SVCET, Sponsored by DST on 9th June 2016 to 18th June 2016.
 27. Two days workshop on “Outcome Based Education (OBE)”, conducted by SVCET on 6th& 7th June 2016.
 28. Two days workshop on “Big Data”, conducted by Sprio Group of Companies

- on 11th & 12th Oct 2015.
29. Two days workshop on “Intensive Hands-on Workshop on NBA ACCREDITATION Procedures & Practices”, conducted by SRS Human Resource Services at IIT Madras on 14th & 15th Dec 2012.
 30. One day International seminar on “Enhancing Quality of Technical Education through Accreditation” at NITTTR, Taramani on 12th Jan 2012.
 31. 15 days’ workshop on “Multi Agent System”, RMK Engineering College from 27th may to 10th June 2011.
 32. Two days workshop on “Simplified Enterprise Applications Learning”, Anna University on 12th& 13th Nov 2009.
 33. One day seminar on “Researchers Meet 2009”, conducted by IET on 25th July 2009.
 34. Participated Technical Paper Contest for Students conducted by National Instruments on 2009.
 35. One day workshop on “Mobile Computing”, Conducted by Rajiv Gandhi College of Engg on 2nd Apr 2008.
 36. Participated at the “Cisco Education Day”, conducted by Cisco Systems & Anna University on 12th Oct 2007.
 37. Two days seminar on “Fundamentals of Rational Rose”, at Rajiv Gandhi College of Engg, Certified by IBM on 22nd and 23rd Aug 2007.
 38. One day seminar on “Security and Messaging”, conducted by Microsoft and Madras Institute of Technology, at MIT, Chennai on 15th Oct 2004.
 39. One day lecture on “Internet Linguistics”, conducted by College of Engineering, Guindy, Anna University on 5th Oct 2004.
 40. One day workshop on “Virtual Instrumentation”, led by National Instruments, at Sree Motilal Kanhaiyalal Fomra Institute of Technology on 25th Sep 2004.
 41. Three days International Conference on “Web Intelligent Systems”, at Rajalakshmi Engineering College.
 42. One day National Conference on “Emerging Trends in Computing and Communication”, at Madha Engineering College.

MOOC CERTIFICATE COURSES

1. Certificate of Completion, “**Software Test Automation 101**” offered by Keysight Technologies on 12.12.2020.
2. Certificate of Completion, “**5G and Industry 4.0**” offered by Keysight Technologies on 21.11.2020.
3. Certificate for Completion of **Cloud Computing: Part 1**, IEEE Continuing Education. 8th May, 2020.
4. Certificate for Completion of **IBM and Cybersecurity**, P-TECH. 2nd May, 2020.
5. Certificate of Course Completion of **Focus on Peer Review**, A Nature Masterclasses online course. 2nd May, 2020.
6. Certificate of Excellence for completed every module within **Social impact by Elsevier**, Researcher Academy on Tuesday 28th April, 2020
7. Certificate for Completion of **Standing up for Science** by Elsevier, Researcher Academy on Tuesday 28th April, 2020.
8. Certificate for successfully completing the Elearning program on **Industry 4.0**, by TATA Steel, 27th April 2020.

9. Certificate of Achievement for completion of course “Autopsy 8-Hour Online Training”, by Basis Technology, April 25, 2020.
10. Certificate for Completion of **How to peer review a review article**, by Elsevier, Researcher Academy on Friday 24th April, 2020.
11. Certificate for Completion of **How to review a manuscript**, by Elsevier, Researcher Academy on Friday 24th April, 2020.
12. Certificate of Completion, Data Center Infrastructure Design and Management, Anixter University, 16th April 2020.
13. Certificate of Achievement for completion of course "**Technical Program Development Overview**" by IEEE Meetings, Conferences & Events on 20th November 2019.
14. Certificate for Completion of **Social Media for Researchers**, by Elsevier, Researcher Academy on Wednesday 15 May, 2019.
15. Certificate for Completion of **Open Source Software Security - Mitigating Risks from Development, Integration, Distribution and Deployment**, 24 April 2019.
16. Certificate for completion of **Rapid Digital Prototyping and Algorithmic Design**, BNP media, Accredited by International Association for Continuing Education and Training (IACET).
17. Certificate for Completion of **Cyber Security in the Connected World**, IEEE Continuing Education. 27th March, 2019.
18. Certificate for Completion of **How researchers store, share and use data**, by Elsevier, Researcher Academy on Thursday 16th May, 2019.
19. Certificate for Completion of **The Internet of Things and Open Source**, The Internet of Things and Open Source 8 March 2019, 8th March 2019
20. Certificate for Completion of **Wireless Interoperability in IoT**, IEEE Continuing Education. 19th Feb, 2019.
21. Certificate for Completion of **The Internet of Things and Open Source**, IEEE Continuing Education. 14th Feb, 2019.
22. Certificate for Completion of **Get Ready for Internet of Things: Speed innovation with Continuous Engineering for Electronics**, IEEE Continuing Education. 14th Feb, 2019.
23. Certificate for Completion of **PHP and MySQL Training**, Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.
24. Certificate for Completion of **Java Training**, Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.
25. Certificate for completion of “**Google Analytics for Beginners**”, by Google Analytic Academy.
26. MOOC Certificate on C++ from SOLOLEARN.
27. Certificate for Completion of **Python Training**, Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.
28. Certificate for Completion of **Advance C Learning**, Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.
29. Certificate for Completion of **Linux Training**, Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.

SUBJECTS HANDLED

UG:

- | | |
|--|----------------------------------|
| 1. Data Base Management Systems | 2. Principles of Compiler Design |
| 3. Object Oriented Programming | 4. Data Structures |
| 5. Computer Architecture | 6. Unix Internals |
| 7. Software Engineering | 8. Artificial Intelligence |
| 9. Cryptography and Network Security | 10. OOAD |
| 11. Theory of Computation | 12. Web Technology |
| 13. Artificial Intelligence & Expert Systems | 14. Advanced Java Programming |
| 15. Machine Learning | 16. User Experience Design |

PG:

- | | |
|-----------------------------|-----------------------------|
| 1. Advanced Data Structures | 2. Web Technology |
| 3. Advanced System Software | 4. Advanced Compiler Design |
| 5. Advanced Data Bases | |

COMPUTER SKILLS

Operating System	: DOS, Windows, UNIX.
Languages	: C, C++, FORTRAN, COBOL, JADE, Weka, Matlab
GUI	: Visual Basic, Visual C++.
RDBMS	: ORACLE
Mainframe	: AS/400e.
Simulator	: NS2.
Internet	: Java, Servlets. JDBC, HTML, RMI
OO Design	: UML, Rational Rose

MEMBERSHIP ACTIVITIES

- Lifetime Member of ISTE (LM 60755)
- Lifetime Member of IAENG (105184)
- Lifetime Member of MTC Global.
- Member of the Computer Science Teachers Association (CSTA)
- Member of International Association of Research & Development Organization (IARDO)
- Peer Reviewer of Global Journals Inc. (US). (Reviewer id ISHCMJ9J)
- Technical Programme Committee for INDIACom (TPC_594)
- Member of CSI (2060000034)
- Universal Association of Computer and Electronics Engineers (UACEE) membership ID - AM1010005876
- Member of Institute for Exploring Advances in Engineering (IEAE) (IEAE2017723)
- Member of The Society of Digital Information and Wireless Communications (ID: 19177)

- Quarterly Franklin Membership (Membership ID#IO46791). London Journal Press.
- Lifetime Member, Institute of Scholars. (INSC 2017723)

TECHNICAL BLOGS

1. DataTalk article in Data Science Foundation, **8 Popular Open Source Programming languages for IOT**, December 2020. <https://datascience.foundation/datatalk/8-popular-open-source-programming-languages-for-iot>
2. DataTalk article in Data Science Foundation, **Open source tool for monitoring windows servers**, November 2020. <https://datascience.foundation/datatalk/open-source-tool-for-monitoring-windows-servers>
3. DataTalk article in Data Science Foundation, **Tuning artificial intelligence to enrich quantum insights**, November 2020. <https://datascience.foundation/datatalk/tuning-artificial-intelligence-to-enrich-quantum-insights>
4. DataTalk article in Data Science Foundation, **Aurora Serverless Data Security and its Deployment**, November 2020. <https://datascience.foundation/datatalk/aurora-serverless-data-security-and-its-deployment>
5. DataTalk article in Data Science Foundation, **GULP: A DEVOPS Based Tool for Web Applications**, July 2020. <https://datascience.foundation/datatalk/gulp-a-devops-based-tool-for-web-applications>
6. DataTalk article in Data Science Foundation, **The Role of Data Science in Big Data Analytics**, May 2020. <https://datascience.foundation/datatalk/the-role-of-data-science-in-big-data-analytics>
7. DataTalk article in Data Science Foundation, **Cyber Physical Systems**, April 2020. <https://datascience.foundation/datatalk/cyber-physical-systems>
8. DataTalk article in Data Science Foundation, **Green Computing: The Future of Computing**, February 2020. <https://datascience.foundation/datatalk/green-computing-the-future-of-computing>
9. **Digital Marketing Strategy in Higher Education using Social Media Analytics**, Vol - 3, Issue 11, December, 2019. <https://indiadidac.org/2019/11/digital-marketing-strategy-in-higher-education-using-social-media-analytics/>
10. **Robustious Speech Recognition and Synthesis of Helpful Domestic Humanoid**. <https://balakrishnan711711002.wordpress.com/robustious-speech-recognition-and-synthesis-of-helpful-domestic-humanoid/>
11. **Smart Computing: A New Buzzword In IT Industry**. <https://balakrishnan711711002.wordpress.com/2019/05/02/smart-computing--new-buzzword-in-it-industry/>
12. **Cross-Platform Mobile App Development Tools**. <https://wordpress.com/block-editor/post/balakrishnan711711002.wordpress.com/41>

COUNTRIES VISITED

- International visit with students, at Dubai, March 16-20, 2017.

SOCIAL ACTIVITIES

- Article published in "Vanagamae Vaiyagamae Tamil magazine" on World Environment Day, June, 2017.
- Certificate of Commitment for appreciating the contribution to the cause of eradicating corruption.

PERSONAL DETAILS

Community	:	BC
Date of Birth	:	01.04.1979
Marital Status	:	Married
Nationality	:	Indian
Mother Tongue	:	Tamil
Strength	:	Ambitious, Team worker and hard working.
Languages Known	:	Tamil, English.
Native District	:	Tirunelveli
Passport Number	:	M4732592

FIELD OF INTEREST

- Artificial Intelligence
- Machine Learning
- Cloud Computing
- IoT
- Bigdata
- Image Processing
- Wireless Sensor Network

NEWS IN PRESS

- <https://thekovaiherald.com/2020/01/27/faculty-of-skcet-receive-national-level-csi-academic-award/>
- <http://thekovaiherald.com/en/2020/08/05/students-of-skcet-win-first-prize-in-smart-india-hackathon-2020/>
- <https://simplicity.in/coimbatore/english/education/2107/Students-of-SKCET-win-first-prize-in-Smart-India-Hackathon-2020-Software-Edition>
- <https://simplicity.in/coimbatore/tamil/education/2106/Students-of-Sri-Krishna-College-of-Engineering-and-Technology-win-first-prize-in-Smart-India-Hackathon-2020-Software-Edition>
- <https://www.thehindu.com/news/cities/Coimbatore/college-students-from-coimbatore-city-win-prize-in-hackathon/article32322800.ece>

YOUTUBE VIDEO LINKS

- Guest Speaker, ATAL FDP at St.Joseph's College of Engineering, Chennai. <https://www.youtube.com/watch?v=hfrEwn16Vxs&t=639s>
- FDP Speaker @ Bharati Vidyapeeth (Deemed To Be University) College Of Engineering, Pune. https://www.youtube.com/watch?v=X_288wKEz6Y&t=8s
- Resource Person, Faculty Development Programme on Aerospace Industry 4.0, Karunya University. <https://www.youtube.com/watch?v=suJdw4f7UYU&t=102s>
- Proposal writing for funding agencies. https://www.youtube.com/watch?v=JN_vU-1Iiyg&t=1264s
- Keynote Speaker, International Virtual conference on recent trends in Mechanical, AI and IoT applications" on 26th July 2020. <https://www.youtube.com/watch?v=VhROsKgM1cA&t=113s>
- Session speaker, Live conference session on IoT Development: Opportunities and Challenges at India Technology week July Edition. <https://www.youtube.com/watch?v=chMsbg0ivMI&t=3s>
- Guest Speaker for National Webinar @ Ethiraj College for Women. <https://www.youtube.com/watch?v=BLDFDcaLSV0&t=2751s>

For complete list of publications, follow the URL

1. https://scholar.google.co.in/citations?user=E_JorpwAAAAJ&hl=en
2. <https://www.scopus.com/authid/detail.uri?authorId=7102944084>

- Web of Science ResearcherID: O-5266-2019
- ORCID: 0000-0002-6145-7923

(S.Balakrishnan)

AWARD NEWS IN MEDIA



கிருஷ்ணா கல்லூரி பேராசிரியருக்கு சர்வதேச அளவில் சிறந்த தரவு அறிவியல் எழுத்தாளர் விருது

கோவை, பிப். 8-
ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும்
தொழில்நுட்பக் கல்லூரியின் கணினி
அறிவியல் மற்றும் வர்த்தகமுறை
துறைத்தலைவர் சர்வதேச அளவில்
சிறந்த தரவு அறிவியல் எழுத்தாளர்
விருதினை பெற்றுள்ளார்.

கோவை குனியமுத்தூரில் உள்ள
ஸ்ரீ கிருஷ்ணா பொறியியல் மற்றும்
தொழில்நுட்பக் கல்லூரியின் கணினி
அறிவியல் மற்றும் வர்த்தகமுறை
துறைத்தலைவர் எஸ்.பாலகிருஷ்ணன்
சர்வதேச அளவில் சிறந்த தரவு
அறிவியல் எழுத்தாளர் விருதினை
பெற்றுள்ளார்.

சர்வதேச அளவில் டேட்டா சயின்ஸ்
பவுண்டேசன் அமைப்பு இங்கிலாந்தில்
செயல்பட்டு வருகிறது. இந்த அமைப்பு
ஒவ்வொரு வருடமும் சர்வதேச
அளவில் டேட்டா சயின்ஸில் சிறந்து
விளங்கும் நபர்களுக்கு உலக அளவில்
விருதினை வழங்கி வருகிறது.

பல்வேறு பிரிவுகளில் தரவு

அறிவியல் துறையில் சிறந்து
விளங்கும் நபர்களுக்கு விருதினை
கொடுத்து சிறப்பித்து வருகிறது.

2019 ஆண்டுக்கான இந்த
விருதினை ஸ்ரீ கிருஷ்ணா
பொறியியல் கல்லூரியின் பேராசிரியர்
பாலகிருஷ்ணன் பெற்றுள்ளார். இந்த
வருடம் அமெரிக்காவில் உள்ள
சிலிகான் வேலியில் நடைபெற்ற
சர்வதேச நுண்ணறிவு கண்காட்சியில்
இந்த விருதினை வழங்கியுள்ளது.

தரவு அறிவியல் மற்றும் செயற்கை
நுண்ணறிவு துறையில் சிறந்த ஆய்வு
கட்டுரைகளை எழுதி வருபவர்கள்
பிரிவில் சர்வதேச அளவில் இவர்
ஒருவர் மட்டும் தேர்வு செய்து கவுரவம்
செய்யப்பட்டுள்ளார்.

விருது பெற்ற இவரை, இக்கல்விக்
குழுமங்களின் நிர்வாக அறங்காவலர்
மலர்விழி, முதன்மை நிர்வாக
அதிகாரி கே.சுந்தரராமன், முதல்வர்
ஜே.ஜேனட், பேராசிரியர்கள் மற்றும்
பலர் பாராட்டினார்கள்.

SKCET faculty gets national honour at CSI awards event

Coimbatore, Jan 30: Adding one more jewel to Sri Krishna College of Engineering and Technology's crown is a faculty, who received the national level CSI Academic Award -2020 from the Computer Society of India (CSI).

Dr. S. Balakrishnan, Head of the department of Computer Science and Business Systems of Sri Krishna College of Engineering and Technology (SKCET), Kuniyamuthur, Coimbatore recently received the national honour for maximum publications.

Computer Society of India (CSI) is a renowned organization working for the betterment and development of computer & IT and also publishing a monthly magazine named as CSI Communications. Faculties, researchers and field experts in the field of computer science and information and technology write every month the concept and research based articles in this magazine. This magazine is widely circulated among the academic organizations and industries and also



viewed by the students, faculties and field people for regular updating. This magazine recognizes the best writers every year and gives awards to them.

This year also the award named as CSI Academic Award -2020 given for "faculty with maximum publishing" for significant contributions in the CSI Communications Monthly Magazine.

Dr. Balakrishnan had published about 12 articles from July 2017 to July 2019. He got this award for Region VII which includes Tamil Nadu, Kerala and Pondicherry. He is the only faculty who has got this award from this region. He was selected for this

award based on his articles which focussed on the contemporary developments in the field of computer science, also for highest standards in terms of Quantity with Quality.

The CSI Academic Award function was held at Kalinga Institute of Industrial Technology (KIIT) Bhubaneswar, Odisha. And the award was presented by Dr. Gulshan Rai, National Cyber Security Coordinator in the Prime Minister's Office, Government of India in the presence of Orissa High Court Justice Sanjay Kumar Mishra, Prof. Mike Hinchey, President of the International Federation

for Information Processing (IFIP), and Prof. K. K. Aggarwal, Chairman, National Board of Accreditation (NBA). S. Malarvizhi, Chairperson and Managing Trustee of Sri Krishna Institutions, CEO Dr. K. Sundararaman, Principal Dr. J. Janet felicitated the faculty member for bringing honour to the institution.



HIGHWAY

Ref.No.26604/2010/F6

(Notified under sub-section (2) of section

Whereas, it has been considered by the Government, Coimbatore North, in the District of Coimbatore, for the purposes, that is, to construct Western Ringroad to Coimbatore under the provisions of the Tamil Nadu Highways Act 2001 (Tamil Nadu Act 34 of 2002) was notified on 10.11.2018. Sequel to the said notification, Errata is notified as follows:

District: Coimbatore

As published in the earlier Notification under section 15(2)

Sl. No.	Survey/ Sub-division No.	Trees/ Superstructure to be removed from the proposed extension
19	548/5B	Yielding Coconut Tree -1
20	548/3	1. Yielding coconut Tree 2. Young coconut Tree 3. Teak 5.

DIPR/105/Land/2020

District



கோவை ஸ்ரீ கிருஷ்ணா கல்லூரி முதல்வர், பேராசிரியருக்கு விருது

கோவை, ஜன. 24-

சென்னை அண்ணா பல்கலைக்கழக வளாகத்தில் செயல்பட்டு வரும், இன்டெலிஜன்ட் ரிசர்ச் நிறுவனத்தின் மூலம், குடியரசு தின சாதனையாளர்கள் விருதுக்கான விழா நடைபெற்றது.

விழாவில், ஏடிஜிபி சைலேந்திர பாபு தலைமை ஏற்று, சிறப்புரை ஆற்றினார். விழாவில், கோவை ஸ்ரீ கிருஷ்ணா காலேஜ் ஆப் இன்ஜினியரிங் அண்ட் டெக்னாலஜி, கல்லூரி முதல்வர் ஜேனட்டுக்கு "சிறந்த இளம் முதல்வர் விருது" கல்வி மற்றும் ஆராய்ச்சி துறையில் வழங்கிய சேவை மற்றும் பங்களிப்புக்காக வழங்கப்பட்டது.

மேலும், இந்த கல்லூரியின் தகவல் தொழில்நுட்ப துறை பேராசிரியர் பாலகிருஷ்ணன், "சிறந்த ஆசிரியருக்கான விருது" புதுமையான கற்பித்தல் முறை, பயிற்சி மற்றும் ஆராய்ச்சி மற்றும் மேம்பாடு ஆகியவற்றிற்கான பங்களிப்புக்காக வழங்கப்பட்டது. அவர், 15 புத்தகங்கள், பல்வேறு பிரபலமான பத்திரிகைகள், மற்றும் இதழ்களுக்கு, 60க்கும் மேற்பட்ட ஆராய்ச்சி கட்டுரைகள் எழுதியுள்ளார்.

விருது பெற்ற முதல்வர் மற்றும் பேராசிரியரை, கிருஷ்ணா கல்வி குழுமங்களின் நிர்வாக அறங்காவலர் மலர்விழி பாராட்டினார்.

THE COVAI MAIL

RNI: TNBIL/2014/55455.

ENGLISH & TAMIL WEEKLY NEWSPAPER

Postal Reg.No: CB/123/2018-20.

www.covaimail.com www.facebook.com/THE COVAI MAIL

Date : 05 Aug 2020

Sri Krishna College students' Innovative tech wins big at SIH 2020

Students develop Prisoners Tracking System to prevent suspicious activities



Team Zero_Buggers with their guide Dr.S.Balakrishnan (4th right) and S.Malarvizhi, Chairperson and Managing Trustee, Sri Krishna Institutions (5th left) and Dr.J.Janet, Principal of the college (4th left).

The Covai Mail

Team Zero_Buggers from Sri Krishna College of Engineering and Technology have won the first prize at the Software Edition of Smart India Hackathon 2020 for their innovation 'Tracking and Prevention of any suspicious activity of the inmates in the Jail'.

The project was developed by the team for Ministry of Technical Education, Chandigarh. They developed an innovative system which includes a webcam and a screen that

will be placed in front of each block of the jail along with the turnstile.

When a prisoner wants to leave his block to visit another block, he can leave and enter only when the turnstile opens where the students have used face recognition, gesture recognition and speech recognition that will be stored in the data to track the activities of the jail mates and to find the suspicious inmates doing unwanted works.

Team Zero_Buggers includes III Year Computer Science and

Engineering students A.Vijayaalayan, Swetha.V, Naveen Kumar.B, Nithin K.M, Sanjaiy Kumar.T.N and Kiran Subramanian. The project was guided by Dr.S.Balakrishnan, Professor and Head, Computer Science and Business Systems, SKCET.

They took home the cash prize of Rs. 1 Lakh. S.Malarvizhi, Chairperson and Managing Trustee of Sri Krishna Institutions congratulated the Principal of the college Dr.J.Janet, faculty mentors and students for securing the First prize in Smart India Hackathon 2020 – Software edition.