



ABDULBASIT ABDULLAH MOHAMMED DAREM

Associate Professor

CONTACT

MOBILE:

+966537575855

WEBSITE:

<https://orcid.org/0000-0002-5650-1838>
<https://www.researchgate.net/profile/Abdul-Basit-Darem>

<https://scholar.google.co.in/citations?user=aD2ma-AAAAAJ&hl=en>

<https://www.linkedin.com/in/dr-abdulbasit-darem-8379a924>

EMAIL:

basit.darem@nbu.edu.sa
basit.darem@yahoo.com

WORK EXPERIENCE

Associate Professor (Cybersecurity), Computer Science department, Northern Border University, KSA.
01/11/2017–date

Coordinator of Development and Quality Accreditation Vice Deanship, College of Science
01/09/2021–date

Assistant Professor, Post- Graduate Department of Computer Science, St. Philomena's, University of Mysore, India.
16/07/2014 – 30/10/2017

EDUCATION

Doctorate in Computer Science,
Department of Studies in Computer Science, 2014, Mysore University, India.

MCA (Master of Computer Application),
Sikkim Manipal University, India, 2008.

Master of Computer Science,
Sikkim Manipal University, India, 2006.

Bachelor's Degree in Computer Science,
Basrah University, Iraq, 2000 (**First Rank**).

Post Graduate Diploma in Human Resource Administration
Mahajana Post Graduate Center Affiliated to Mysore University, India. (First Class with Distinction). July 2012

Diploma of Professional Training of Trainers (TOPT) from APT - UK

RESEARCH PROJECTS:

Current Research Projects:

- 1- Chair of Cybersecurity Group (RG-NBU-2022-1724) funded by Northern Border University, Saudi Arabia.
- 2- PI of Cybersecurity and privacy in Social Network research project No. SCIA-2023-12-2341 funded by Northern Border University, Saudi Arabia.
- 3- Co-PI of Ransomware Early Detection Techniques research project No. SCIA-2023-12-2345 funded by Northern Border University, Saudi Arabia.

Completed Research Projects:

- 4- PI of Cybersecurity research project (RDO No. 1385) within the international collaboration, funded by Ministry of Education, Saudi Arabia.
- 5- PI of LULC research project No. SCIA-2022-11-1647 funded by Northern Border University, Saudi Arabia.
- 6- PI of Smart home research project No. 7828 funded by Northern Border University, Saudi Arabia.
- 7- PI of Digital Forgery research project No. 7974 funded by Northern Border University, Saudi Arabia.
- 8- Co-PI of Cyberthreats research project No. SCIA-2022-11-1879 funded by Northern Border University, Saudi Arabia.
- 9- Co-PI of Cyber Bulling research project No. 7871 funded by Northern Border University, Saudi Arabia.
- 10- Co-PI of Phishing research project No. 7926 funded by Northern Border University, Saudi Arabia.

DETAILS OF WORK EXPERIENCE

Associate Professor, Computer Science department, Northern Boarder University, KSA.

01/11/2017–date

- Brought in over \$[150,000] in funding to university by tapping into corporate, government and organizational grant opportunities.
- Used different instructional techniques to obtain and retain student interest in subject matter.
- Prepared and implemented lesson plans covering required course topics.
- Guided students through exercises to challenge personal worldviews and open individual minds to different approaches.
- Worked with administrators on behavioral issues to support the needs of all students.
- Built learning skills to help with personal growth in addition to increasing academic knowledge.
- Led at least 3 classes each semester for both undergraduate and graduate-level students.
- Utilised [Blackboard] and [Zoom] to manage remote classroom activities.
- Planned and implemented curriculum to teach up-to-date technology to students.
- Created, distributed, and reviewed course syllabi for accuracy and compliance with established guidelines.
- Participated in student and faculty events to highlight program offerings, engage students, and increase profile on campus.
- Selected, organised, and distributed materials and supplies to meet classroom instructional needs.
- Tested and evaluated student progress to determine effectiveness and impact of teaching methods, materials, and projects.

- Used lectures, demonstrations, and discussions to instruct students individually and in small groups.
- Attended professional development technology courses to increase knowledge base and learn new information.
- Compiled, administered, and graded examinations or assigned work to others.

PAST WORK EXPERIENCE

Rank	Department	College	University	Country	Period
Assistant Professor	Post- Graduate Department of Computer Science	St. Philomena's	University of Mysore	India	July/2014- Oct. 2017
Lecturer	Computer Science	ICBA College Mysore,	SMU	India	Feb/2008- May/2011
Tutor	Computer Science	College of Science	Basrah University	Iraq	Feb/2000- July/2000

PROFESSIONAL/INDUSTRIAL POSITIONS HELD

Position Title	Department	Organization	Country	Period
Software Engineering	Computer	Ministry of Finance	Yemen	Sep/2000- Sep/2003

SUMMARY OF COURSES TAUGHT

- Information Security
- Principal of Cybersecurity
- Introduction to cryptography
- Management of Information Security
- Software Engineering
- Database Management System
- Cybersecurity
- Cloud Computing
- Web Engineering
- Web Designing
- Research Methods and Techniques
- Information Technology
- Introduction to Computer Programming
- Introduction to Computer Science
- Data Warehousing and Data Mining
- Computer Networks
- Human Computer Interaction

RESEARCH STUDENTS SUPERVISED / TRAINED

<u>Level</u>	<u>Number of Trainees</u>
Master	16

Participation in Thesis and Oral Examination Committees

<u>Level</u>	<u>Number of Examinations</u>
Master	16
Ph.D	1

SKILLS

- Grant proposal writing
- Literature analysis
- Journal publication procedures
- College administration
- Syllabus development
- Field trips
- Student records management
- Program development and management
- Course preparation
- Quality education
- Advising skills
- Individual mentoring

ACADEMIC HONOURS AND AWARDS

Name of the Award	Awarding Institution	Year
Scholarship Award based on merit to study bachelor degree	Government of Yemen	1995
Award for Academic Excellence	Embassy of Yemen	2000
Award for Academic Excellence	College of Science, Basrah University, Iraq	2000
Scholarship Award based on merit to study Master	Government of Yemen	2005
Scholarship Award based on merit to study Ph.D	Government of Yemen	2010
Award for Academic Excellence	Indian Council for Cultural Relations (ICCR), Mysore, India	2008
Award for Academic Excellence	Embassy of Yemen, New Delhi, India	2008
Award for Academic Excellence.	Federation of International Students Associations Mysore (FISAM)	2010
Award for Academic Excellence	Indian Council for Cultural Relations (ICCR), Mysore, India	2013
Award for Academic Excellence	Embassy of Yemen, New Delhi, India	2014

MEMBERSHIP OF PROFESSIONAL BODIES

Name of Professional Body	Membership Grade	Joining Date
IEEE	Member	Sep/2016
Indian Science Congress Association	Member	Dec/2015
International Congress of E-government (ICEG), India	Member	Dec/2014
Computer Society of India	Member	Dec/2010
Accounting & Financial Management Information System (AFMIS) in ministry of finance Yemen.	Member	Nov/2001
E-Government Committee in Yemen	Member	May/2001
Member of Iraqi Commission for Computers Science	Member	Feb/2000

LANGUAGE PROFICIENCY

List of languages	spoken	written	level of proficiency
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

TRAINING

Training Activity	Training Institution	Country	Period
Faculty development program in "Cyber Security & Machin Learning"	Department of Computer Science and Engineering at SJCE, JSS Science and Technology University, Mysore,	India	One week 16/07/2018 20/07/2018
Faculty development program in "Foundation Course on Data Analytics & Learning"	Department of Information Science and Engineering at SJCE, JSS Science and Technology University, Mysore	India	05/07/2018 – 07/07/2018
Learning Tools and Techniques in Big Data Computing for Diverse Applications	SJCE Engineering College And Deakin University, Australia	India	27-12-2016 to 6-01-2017
One-week faculty development program on. "Cloud computing"	National Institute of Engineering, Mysore	India	22-26 July 2013
Statistics analysis of Research Data using SPSS	SDMIMD, Mysore	India	8-9 Feb. 2012.
One-week faculty development program on 'Research Opportunities and Challenges in Web Content and Mining'.	SJCE Engineering College	India	March 2012
Learning Research Methodology course.	University of Mysore, Mysore	India	March 2010
Learning BIZTAK SERVER, at, Hyderabad.	Peers Technologies	India	16/04/2008 21/05/2008

RESEARCH**Research Interests**

- Cyber Security
- Web Engineering,
- Human Computer Interaction,
- E-government,
- Cloud Computing,

Research Projects

- 11-Chair of Cyber Security research project (RDO No. 1385) within the international collaboration, funded by Ministry of Education, Saudi Arabia.
- 12-Chair of Cybersecurity Group (RG-NBU-2022-1724) funded by Northern Border University, Saudi Arabia.
- 13-Chair of LULC research project No. SCIA-2022-11-1647 funded by Northern Border University, Saudi Arabia.
- 14-Co- chair of Cyberthreats research project No. SCIA-2022-11-1879 funded by Northern Border University, Saudi Arabia.
- 15-Chair of Smart home research project No. 7828 funded by Northern Border University, Saudi Arabia.
- 16-Co- chair of Cyber Bulling research project No. 7871 funded by Northern Border University, Saudi Arabia.
- 17-Co- chair of Phishing research project No. 7926 funded by Northern Border University, Saudi Arabia.
- 18-Chair of Digital Forgery research project No. 7974 funded by Northern Border University, Saudi Arabia.

Publications/Citations Data

• Articles in International Refereed Journals	33
• Conference Papers	9
• Citation	375 up to 15/01/2024

List of Publications

Journals

1. A. A. Alhashmi, AM Alashjaee, **A. A. Darem**, AF Alanazi, R Effghi, "An Ensemble-based Fraud Detection Model for Financial Transaction Cyber Threat Classification and Countermeasures". Engineering, Technology & Applied Science Research 13 (6), 12433-12439. 2023.
2. **A. A. Darem**, A. A. Alhashmi, T. M. Alkhaldi, A. M. Alashjaee, S. M. Alanazi and S. A. Ebad, "Cyber Threats Classifications and Countermeasures in Banking and Financial Sector," in *IEEE Access*, doi: 10.1109/ACCESS.2023.3327016. 2023.
3. A. A. Alhashmi, **A. A. Darem**, S. M. Alanazi, A. M. Alashjaee, B. Aldughayfiq *et al.*, "Hybrid malware variant detection model with extreme gradient boosting and artificial neural network classifiers," *Computers, Materials & Continua*, vol. 76, no.3, pp. 3483–3498, 2023.
4. Sahana V., Anil Kumar K. M., **Abdulbasit A. Darem**, "A Comparative Analysis of Machine Learning Techniques for Cyberbullying Detection on FormSpring in Textual Modality", International Journal of Computer Network and Information Security (IJCNIS), Vol.15, No.4, pp.36-47, 2023. DOI:10.5815/ijcnis.2023.04.04. 2023.
5. Ashritha R Murthy, Anil Kumar K M, **Abdulbasit A. Darem**, "Enhancing Emotion Detection with Adversarial Transfer Learning in Text Classification", International Journal of Modern Education and Computer Science (IJMECS), Vol.15, No.5, pp. 28-41, 2023. DOI:10.5815/ijmeecs.2023.05.03. 2023.
6. D Dansana, PK Behera, **AA Darem**, Z Ashraf... et al. "BDDTPA: Blockchain-Driven Deep Traffic Pattern Analysis for Enhanced Security in Cognitive Radio Ad-hoc Networks" - IEEE Access, 2023
7. AA Alhashmi, **AA Darem**, AM Alashjaee, SM Alanazi...et al. "Similarity-Based Hybrid Malware Detection Model Using API Calls", Mathematics, 2023.
8. **AA Darem**, AA Alhashmi, AM Almadani, AK Alanazi, GA Sutantra "Development of a map for land use and land cover classification of the Northern Border Region using remote sensing and GIS", The Egyptian Journal of Remote Sensing and Space Science, 2023.
9. **Abdulbasit Darem** "A Novel Framework for Windows Malware Detection Using a Deep Learning Approach", Computers, Materials & Continua, Tech Science Press (TSP), 2022.
10. Asma A. Al-Hashmi, Fuad A. Ghaleb, A. Al-Marghilani, Abdulsamad E. Yahya, Shouki A. Ebad, Muhammad Saqib, **Abdulbasit A. Darem** "Deep-Ensemble and Multifaceted Behavioral Malware Variant Detection Model". IEEE Access, (Accepted for publication 2022).
11. **A Darem**, AA Alhashmi, HA Jemal "Cybersecurity Threats and Countermeasures of the Smart Home Ecosystem", IJCSNS 22 (3), 303.
12. **A Darem**, "Anti-phishing awareness delivery methods", Engineering, Technology & Applied Science Research 11 (6), 7944-7949.
13. Asma A. Alhashmi, **Abdulbasit Darem** and Jemal H. Abawajy "Taxonomy of Cybersecurity Awareness Delivery Methods: A Countermeasure for Phishing Threats", International Journal of Advanced Computer Science and Applications (IJACSA), 2021.
14. **AA Darem**, FA Ghaleb, AA Al-Hashmi, JH Abawajy, SM Alanazi, "An Adaptive Behavioral-Based Incremental Batch Learning Malware Variants Detection Model Using Concept Drift Detection and Sequential Deep Learning ", IEEE Access 9, 97180-97196.
15. Alhashmi, A.A., **Darem, A.A.** "Consensus-based ensemble model for Arabic cyberbullying detection" Computer Systems Science and Engineering, 2022, 41(1), pp. 241–254.

16. SA Ebad, **A Darem**, JH Abawajy "Measuring Software Obfuscation Quality—A Systematic Literature Review" IEEE Access, 2021.
17. **A Darem**, J Abawajy, A Makkar, A Alhashmi, S Alanazi "Visualization and deep-learning-based malware variant detection using OpCode-level features"" Future Generation Computer Systems, (2021) 314-323
18. Abawajy, Jemal, **Abdulbasit Darem**, and Asma A. Alhashmi. "Feature Subset Selection for Malware Detection in Smart IoT Platforms." Sensors 21.4 (2021): 1374.
19. **Abdulbasit Darem**, and Asma A. Alhashmi. "Digital Forgery Detection of Official Document Images in Compressed Domain". IJCSNS International Journal of Computer Science and Network Security, VOL.20 No.12, December 2020.
20. Abawajy, J.H., Ninggal, M.I.H., Aghbari, Z.A., **Darem, A.B.**, Alhashmi, A. "Privacy threat analysis of mobile social network data publishing " Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICSTthis link is disabled, 2018, 239, pp. 60–68
21. Mokhtar A. Alworafi, Atyaf Dhari, Asma A. Al-Hashmi, Suresha, **A. Basit Darem**, "CostAware Task Scheduling in Cloud Computing Environment", International Journal of Computer Network and Information Security (IJCNIS), Vol.9, No.5, pp. 52-59, 2017.DOI: 10.5815/ijcnis.2017.05.07
22. Asma Alhashmi, **Darem A. Basit** and Suresha. "Predict the Potential Users of E-government Using Communication Capabilities Model (CCM)". IJARCSMS, India, Vol. 3, Issue 4 (April-2015).
23. Asma Alhashmi, **Darem A. Basit** and Suresha. "Investigating the user profile of potential users of e-government in Yemen." IJRCCT 4.1, India, 014-021. 2015
24. Asma A. Alhashmi, **Darem A. Basit** and Suresha. "Building a tool to extract data from users and potential users of e-government" IJRCCT, India, Vol. 3, Issue 1, 2015.
25. Asma. A, **Darem A. Basit**, and Suresha, "Validation and Verification of the Dimensionality of E-Government Quality Measurement Scale". *International Journal of Computer Trends and Technology*. India, (ISSN 2231-2803, Volume 5, Issue 5, May 2014).
26. **Darem A. Basit**, and Suresha, "The effect of website design and structure on disorientation and lostness in hyperspace". *International Journal of Advanced Research in Computer Science and Software Engineering*. (ISSN 2277 128X, India, Volume 3, Issue 6, P. 16-124. June 2013
27. **Darem A. Basit**, and Suresha, "Investigating the Quality of local E-government Websites Using Mixed Techniques: Web Diagnostic Tools and Manual Investigation". *International Journal of Computer Trends and Technology*. India, (ISSN 2231-2803, Volume 4, Issue 6, June 2013). P. 172 (Index Copernicus value - 4.15). 2013
28. **Darem A. Basit**, and Suresha, "Measuring the Efficiency of E-government Websites". *International Journal of Computer Applications* Published by Foundation of Computer Science, New York, USA. 70(22):43-49, May 2013.
29. **Darem A. Basit**, and Suresha, "Experimental Evaluation of Effectiveness of E-Government Websites". *International Journal of Emerging Technology and Advanced Engineering*. (ISSN 2250-2459, Volume 2, Issue 11).India, P. 469. 2012.
30. **Darem A. Basit**, Suresha and Mahesh. "Assessment of Citizens' awareness of E-Governance and Willingness to Use the Online Services ", *International Journal of computer Science and Management Systems (IJCSMS)*, Research Science Press. India, P: 73-80 (Vol.2 No.2 2010).
31. **Darem A. Basit**, Suresha, and Asma, "Evaluation of the Use of Local Government Websites: Internet Users Perspective", *IUP Journal of Information Technology*. India, June 2011.
32. **Darem A. Basit**, Suresha, and Asma, "E-government Maturity Models", *Asian Journal of Development Matters*, Vol-4(2), India, ISSN-0976-4674. May 2010.
33. **Darem A. Basit**, Suresha, and Asma, "Promoting and Increase the Take-Up of E-governance Services through IBCs", *Research Link Journal*, issue-83, Val-IX(12) India, ISSN- 09731628. February-2011.

Conference Papers

1. Alworafi M.A., Al-Hashmi A., Dhari A., Suresha, **Darem A.B.** (2018) Task-Scheduling in Cloud Computing Environment: Cost Priority Approach. In: Guru D., Vasudev T., Chethan H., Kumar Y. (eds) Proceedings of International Conference on Cognition and Recognition. Lecture Notes in Networks and Systems, vol 14. Springer, Singapore.
2. Alworafi, Mokhtar A., Atyaf Dhari, Asma A. Al-Hashmi, and **A. Basit Darem.** "An improved SJF scheduling algorithm in cloud computing environment." In *Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT), 016 International Conference on*, pp. 208-212. IEEE, 2016
3. Mokhtar A. Alworafi, Atyaf D., Asma A. Al-Hashmi, Suresha and **Darem. A. Basit**, "An Improved SJF Scheduling Algorithm in Cloud Balancing Environment", International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT2016), IEEE, 09 - 10 Dec 2016, GSSS Institute of Engineering and Technology for Women Mysuru, India. 2016.
4. **Darem A. Basit**, Asma and Suresha, "E-Government as a New Direction in Government Management: Challenges and Research Opportunities", 3rd International Conference on New Direction in Business, Management, Finance and Economics (ICNDBM 2015) organized by Istanbul Aydin University, Istanbul, Turkey on Nov 6, 2015.
5. Asma Al-hashmi, **Darem A. Basit**, and Suresha. "The Maturity of E-government Websites in the Republic of Yemen ", 9th International Conference of E-Government Dec- 2012.
6. **Darem A. Basit**, Suresha, and Asma, "Increasing the take-up of using E-government Services through Internet Browsing Centers", 1st International Conference of Electronic Management (FICEG), Libya, June 2010.
7. **Darem A. Basit**, Suresha, and Asma, "Enhancing the G2G Services by Accounting and Financial Management System (AFMIS)", *Critical Thinking in E-Governance* in 6th International Conference of E-Governance 2008 proceedings, 18 - 20 December, New Delhi.2008.
8. **Darem A.**, and Suresha. "Biztalk as Interoperability Tool to Application Integration in EGovernment", *Emerging Technologies in E-Government* in 6th International Conference of E Governance 2008 proceedings, 18 - 20 December, New Delhi. 2008.
9. Al-Hashmi, Asma, and **Abdul Basit Darem.** "Understanding phases of E-government project." New Delhi: Retrieved from http://www.csi-sigegov.org/emerging/pdf/17_152157.pdf (2008).

PARTICIPATION IN REGIONAL & INTERNATIONAL CONFERENCES

1. The First International Conference on Artificial Intelligence & Data Analytics (CAIDA 2021)
2. The National Conference of Saudi Computers' Colleges (NCCC 2021) held at Taif University [27-28 March 2021 sponsored by IEEE.
3. 2nd International Conference on Computer and Information Sciences (ICCIS)- held in Jouf University, College of Computer and information sciences sponsored by IEEE 2020
4. 1st International Conference on Computer and Information Sciences (ICCIS 2019) held in Jouf University, College of Computer and information sciences on April 3- 4, 2019.
5. One week faculty development program in "Cyber Security & Machin Learning "organized by Department of Computer Science and Engineering at SJCE, JSS Science and Technology University, Mysore, India, 16/07/2018 - 20/07/2018.
6. Three-day faculty development program in "Foundation Course on Data Analytics & Learning "organized by Department of Information Science and Engineering at SJCE, JSS Science and Technology University, Mysore, India, 05/07/2018 - 07/07/2018.
7. 10 days Gian Program on "Tools and Techniques in Big Data Computing for Diverse Applications", SJCE college of Engineering Mysore, India, 27/12/2016-06/01/2017.
8. The International Conference on Cognition and Recognition- 2016 (ICCR2016). MIT, Mysuru, India, 30-31 Dec 2016,

9. International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT2016), IEEE, GSSS Institute of Engineering and Technology for Women Mysuru, India, 09 - 10 Dec 2016.
10. International Symposium on Sustainable Development and Management (ISSDM), UTM University, Kuala Lumpur, Malaysia, October 8-9, 2016.
11. "Two Day National Workshop on Research Methodology Language Skills & Writing Practices", DE PAUL INSTITUTE OF SCIENCE @ TECHNOLOGY (DiST), Angamaly, Kerala, India, Sep. 30th - Oct. 1st, 2016.
12. One week faculty development program on 'Internet of Things (IoT) and its Applications' at SJCE College of Engineering Mysore, India, 8th to 12th September 2016.
13. 2nd international conference on Cognitive Computing and Information Processing CCIP 2016, IEEE, SJCE College of Engineering Mysore, India, 12th & 13th August 2016.
14. Five-day National Seminar on "Multimedia Data Analysis", SJCE college of Engineering Mysore, India, 26/04-30/04/2016.
15. UGC Sponsored Two-day National Conference on 'Emerging Trends in Computer Science and Technology' held at St. Philomena's College, University of Mysore, Mysore, India on 17th & 18th February 2016.
16. Workshop on High Performance Computing HPC, organized by High Performance Computing Centre, DoS in Computer Science, University of Mysore, India on 11th, Feb. 2015.
17. "International Innovation Conference" organized by BML Munjal University in association with Imperial College Business School, Robert H. Smith School of Business at University of Maryland and Lee Kong Chian School of Business at Singapore Management University. at Delhi NCR, India, held on 9-10 January 2016.
18. 103rd Indian Science Congress, hosted by Mysore University, Mysore, India from 3-7 January 2016.
19. (ICERECT-2015) International Conference on Emerging Research in Electronics, Computer Science and Technology, Mandya, Karnataka, India. 17th to 19th December 2015.
20. 3rd International Conference on New Direction in Business, Management, Finance and Economics (ICNDBM2015) organized by Istanbul Aydin University, Istanbul, Turkey on Nov 6, 2015.
21. "Intel HPC Code Modulization Parelization, Learning Shop-2015", organized by High Performance Computing Centre, DoS in Computer Science, Mysore University, India, 7th, July 2015.
22. "Next-Generation Computing and Challenges", UGC Sponsored State Level Conference, organized by Computer Science Dep., Mahajana PG Wing, Mysore, India on 11th, September 2015.
23. "Impact of Information Technology, Animation, Gaming & UFX on Society", organized by: CIST, University of Mysore, India on 19th May 2015.
24. International Conference on Computer Communications and Networking (I3CN). Coorg Institute of Technology, India, May 8, 2015.
25. Three days International Conference on "Climate Change – Inconvenient Truths Status and May forward" Organized by: St. Philomena's College, Mysore, India, April, 9th – 11th, 2015.
26. "One day State level Seminar on Multimedia Information System", organized by: MMK & SDM Mahila Maha Vidyalaya, Mysore, India on 1st October 2015.
27. International conference on climate change inconvenient truths, status, and way forward (ICCC 2015). St. Philomena's College. Mysore, India, 9-11 April 2015.
28. International Conference on community empowerment in changing world- Issues and challenges, University of Mysore, Mysore, India, Feb 27- 28 2015
29. A 2-Day international Conference on "Corporate Social Responsibility – Approaches and Practices for Inclusive Growth" was organized by SDMIMD, India during November 13&14, 2014.
30. The International Conference on Contemporary Computing and Informatics (IC3I), Sri Jayachamarajendra College of Engineering (SJCE), Mysore, India, 27 - 29 November 2014.

31. The Second International Conference on Big Data Analytics (BDA 2013), MYRA School of Business in Mysore, India, 16-18 December 2013.
32. IEEE 2013 International Conference on Advances in Computing, Communications and Informatics (ICACCI-2013), Sri Jayachamarajendra College Of Engineering (SJCE), Mysore, August 22-25, 2013.
33. One-week faculty development program on. "Cloud computing", at National. Institute of Engineering, India 22nd – 26th July 2013.
34. Seminar on "Overcoming Speculative Hindrances in Foreign Education", MICA, Mysore, India, 1st July 2013.
35. 9 th International Conference on e-Governance (ICEG-2012). SCMS-COCHIN, Cochin, Kerala, India, held on 29-30, Dec 2012.
36. "International conference on education for mitigation of human conflicts", Annamalai University, India, 18-19, February 2010.
37. National Seminar on "E-Governance in Technical Education-National, State, Institutional Perspective", PBMMPGC, Mysore, India on Sept. 28th, 2012.
38. Statistics with R-Excel workshop, conducted at SDM, India on June 1 & 2, 2012.
39. One week faculty development program on 'Research Opportunities and Challenges in Web Content and Mining' at Sri Jayachamarajendra College of Engineering (SJCE), Mysore on, India, 12th to 16th March 2012.
40. 3rd ICCR (International Conference of Cognitive & Recognition) 2011, 9-11 of Dec 2011, DoS in Computer Science, University of Mysore.
41. NASSCOM Mysore 2.0 Conference on 15th October 2011, at Mysore.
42. Workshop on "Research Methodology and Publishing Papers", organized by SDM Institute for Management Development, Dec 2009, Mysore India.
43. Sixth International Conference on Webometrics, Informetrics and Scientometrics (WIS) & Eleventh COLLNET Meeting, October 19 – 22, 2010 University of Mysore.
44. 1st International Conference of Electronic Management (FICEG), June 2010, Libya.
45. 7th International Conference of E-Government April-2010 Indian Institute of Management (IIM) Bangalore-India.
46. 1st International Conference of Education to Mitigation of Human Conflict, March-2010, Annamalia University, Chennai –India.
47. 15th International Conference on Management of Data COMAD 2009, Dec-2009 InfosysIndia.
48. National Conference on Information Technology and its Application Nov-2009 University of Mysore-India.
49. National conference of Web 2.0 Aug-2008, University of Mysore-India.
50. 5th International Conference of E-Governance Dec-2007 Hyderabad-India.

Membership of Conference Committees

1. IEEE member.
2. Technical Committee member at "International Conference on Cyber Security Intelligence and Analytics (CSIA 2020)" China.
3. Technical Committee member at "International Conference on Applications and Techniques in Cyber Intelligence ATCI 2019" China.
4. Track Chair and Session Chairperson for Information Security track at "The first international conference of advanced computing and informatics" Morocco, 2020.
5. Track Chair for Data Science track at "The First International Conference of Intelligent Computing and Engineering ICOICE 2019" Dec.2019.
6. Program Committee Members at "International Conference of Applications and Techniques in Cyber Intelligence (ATCI2019) on Web intelligence and Intelligent Precision Mining".

7. International Technical Committee in Recent Trends in Data Science and Soft Computing: Proceedings of the 3rd International Conference of Reliable Information and Communication Technology (IRICT 2018)
8. Program Chair at 2nd International Conference of Reliable Information and Communication Technology 2017 (IRICT 2017). The conference will be held in UTM, Malaysia, on April 23-24, 2017
9. Convener of the One-day seminar on 'Information & Knowledge Management using Big Data Computing: Challenges and Research Opportunities', held at St. Philomena's College, University of Mysore, Mysore, India. January 10, 2017
10. Session Chairperson at International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT2016), IEEE, GSSS Institute of Engineering and Technology for Women Mysuru, India. 09 - 10 Dec 2016.
11. Session Chairperson at International Symposium on Sustainable Development and Management (ISSDM), UTM University, Kuala Lumpur, Malaysia, October 8-9, 2016.
12. Resource person for "Two Day National Workshop on Research Methodology Language Skills & Writing Practices", DE PAUL INSTITUTE OF SCIENCE @ TECHNOLOGY (DiST), Angamaly, Kerala, India. Sep. 30th - Oct. 1st, 2016.
13. Convener of the UGC Sponsored Two-day National Conference on 'Emerging Trends in Computer Science and Technology' held at St. Philomena's College, University of Mysore, Mysore, on 17th & 18th February 20016
14. Session Chairperson at (ICERECT-2015) International Conference on Emerging Research in Electronics, Computer Science and Technology, IEEE, Mandya, Karnataka, India. 17th to 19th December 2015.
15. Organizing Committee Member, 103rd Indian Science Congress, hosted by University of Mysore, Mysore from 3-7 January 2016.
16. Organizing Committee Member, 3-days International Conference on "Climate Change – Inconvenient Truths Status and May forward". Organized by: St. Philomena's College, Mysore. April, 9th – 11th, 20015
17. Organizing Committee Member, 3rd ICCR (International Conference of Cognitive & Recognition), DoS in Computer Science, University of Mysore. 2011, 9-11 of Dec 2011.
18. Organizing Committee Member, "International conference on education for mitigation of human conflicts", Annamalai University, 18-19, February 2010.

Service as Reviewer

Journal

1. Reviewer for Cluster Computing Journal (Springer Q1 Journal).
2. Reviewer for Journal of Supercomputing (Springer Q2 Journal).
3. Reviewer for International Journal of Information Security (Springer Q2 Journal).
4. Reviewer, IEEE Access journal (IEEE Q1 Journal).
5. Reviewer, Applied Intelligence (APIN) (Springer Q2 Journal).
6. Reviewer, Scientific Reports (Nature Q2 journal).
7. Reviewer, PLOS ONE (Q2 journal).
8. Reviewer, PeerJ Computer Science (Q2 journal).
9. Reviewer, Electronic Commerce Research (ELEC) (Springer Q3 Journal).

Conferences

1. Track chair, The first international conference of advanced computing and informatics Morocco, 2020.
2. Track chair, The First International Conference of Intelligent Computing and Engineering ICOICE 2019 Dec.2019.
3. Track chair, 2nd International Conference of Reliable Information and Communication Technology 2017 (IRICT 2017). The conference will be held in UTM, Malaysia, on April 23-24, 2017.

4. Convener, UGC Sponsored Two-day National Conference on Emerging Trends in Computer Science and Technology held at St. Philomena's College, University of Mysore, Mysore, on 17th & 18th February 20016

Invited Presentations at Scientific Meetings/Workshops

1. **"Soft skills for successful career"**, Two Day National Workshop on Research Methodology Language Skills & Writing Practices", DE PAUL INSTITUTE OF SCIENCE @ TECHNOLOGY (DiST), Angamaly, Kerala, India, Sep. 30th - Oct. 1st, 2016.
2. **"Funding sources: how and where to approach R&D funds?"**, Two Day National Workshop on Research Methodology Language Skills & Writing Practices", DE PAUL INSTITUTE OF SCIENCE @ TECHNOLOGY (DiST), Angamaly, Kerala, India, Sep. 30th - Oct. 1st, 2016.

Service to Profession/Industry

- Computer Department, Ministry of Finance, Yemen, Software Engineer, Feb. 2001- Nov. 2003.

Public Service

1. Coordinator of Yemeni Students in Mysore, appointed by Cultural Attaché, Embassy of Yemen, New Delhi, India August 2008- 2016.
2. International Students Coordinator, Pooja Bhagavat Memorial Mahajana PG CENTRE, Mysore, 2010-2014.
3. Chairperson of oversight committee of Federation of Foreign Student Associations Mysore (FISA-M) 2011-2014
4. President of Federation of Foreign Student Associations Mysore (FISA-M) 2009-2010
5. Vice President of FISA-M 2008-2009
6. President of the School Association, Yemen, 1990-1992.