

Personal Resume

Dr. B. S. Shajee Mohan

Associate Professor in EC

Dean Academic (UG)

Govt. Engineering College Kozhikode

Westhill, Kozhikode, Kerala-673005.



Dr. SHAJEE MOHAN B. S. is an Associate Professor in Applied Electronics and Instrumentation Engineering Department, [Government Engineering College, Kozhikode](#) since June 2009. He is also **Dean Academic (UG)**, of GEC Kozhikode. Prior to this transfer he was working in ECE Dept., [Govt. College of Engineering, Kannur](#), Kerala and was the Head of Department of CSE. He took his B-Tech from [College of Engineering, Thiruvananthapuram](#) in the year 1989 and took his M Tech from [V.T.U.](#)

in the year 2000. He took his Ph.D from Computer Science and Engineering Department, Indian Institute of Technology Madras. He has been working in various premier engineering institutions in Kerala since 1991. He was the Head , Computer Science and Engineering, LBS College of Engineering, [Kasaragod](#), during 2001- 2006. He was also Head, AE&I department, GEC Kozhikode during 2013-15. Currently he is the nominated member, Faculty of Engineering, Kannur University. He was also Chairman, Board of examiners for M.Tech (Digital Signal Processing, Signal Processing programmes) of Calicut University and member Board of Studies (Engineering) Calicut University. Currently he is the Chairman M.Tech (EC), Calicut cluster, A P J Abdul Kalam Kerala Technological University (KTU). He had presented papers in many National and International conferences in India and Abroad. He won the best paper award in the International Conference on Advanced Computing and Communication ([ADCOM 2006](#)) and in the international conference on Intelligent Systems and Image Processing- ICISIP-2014, Nishnippon Institute of Technology, Kitakyushu, Japan. He received the best paper of the year 2015 award International Journal of Industrial and Instrumentation Engineers Japan. He is a life member of Indian Society for Technical Education ([ISTE](#)). His research interests are in Machine learning, Kernel methods, Pattern Analysis, Speech Processing, Data Networks and Data Compression Algorithms.

A. General Information

- a. Name : Dr. B.S. SHAJEE MOHAN
b. Date of birth : 30-05-1968
c. Address (Residential) : SHIVAMOCHANAM
9/5 Kakkur (PO)
Kozhikode-673613.
d. Designation : Associate Professor in Electronics &
Communication Engineering
e. Department : Applied Electronics & Instrumentation.
Engineering
f. Area of specialization : Electronics and Communication Engineering
g. Address for Communication : Dr. B.S. SHAJEE MOHAN,
Associate Professor in EC, AE & I Dept.,
Govt. Engineering College Kozhikode,
Westhill, Kozhikode, Kerala, 673005.
h. Academic Qualifications : B.Tech (ECE),
College of Engineering Trivandrum
M.Tech, **Visvesvaraya Technological University**
Ph. D. , **Indian Institute of Technology Madras**
i. Title of Ph. D. Thesis : **Distance Metric Learning based Kernels for
Some Pattern Analysis Tasks**

B. Details of Work Experience:

Sl.No	Designation	Organisation	Period
1	Associate Professor in EC	GEC Kozhikode	06-06-2009 onwards
2	Associate Professor in EC	GEC Kannur	02-05-2006 to 05-06-2006
3	Assistant Professor in EC	GEC Kannur	21-03-2006 to 01-05-2006
4	Associate Professor (On deputation)	L.B.S.C.E., Kasaragod	21-03-2001 to 20-03-2006
5	Assistant Professor in EC	GEC Kannur	18-10-1999 to 20-03-2001
6	Lecturer in Electronics and Communication Engineering	L.B.S.C.E., Kasaragod	14-11-1994 to 16-10-1999
7	Lecturer in Electronics	T.S. Engineering College, Bandra (w), Bombay.	17-05-1991 to 08-11-1994
8	Lecturer in Electronics and Communication Engineering	College of Engineering Trivandrum	01-01-1991 to 30-04-1991

C. Details of innovations/contributions in Teaching during the current year

- a. Design of curriculum : Member BoS, Kannur University
- b. Academic help rendered to HOD/Principal, other than class work :
a) **Dean Academic (UG)**
b) AE&I department PG co-ordinator
c) Preparing the SAR - Criteria 1 documentation for the NBA work
d) KTU MTech cluster- Chairman-EC
e) Member Academic Master plan committee
f) KTU centralized valuation Chairman -EC
g) Convener- Grievance Committee
- c. Details of participation in the following : B.Tech & M.Tech level (Theory & Practical)
1. University evaluation B. Tech & M.Tech level (Theory & Practical)
 2. Internal evaluation B.Tech/ M.Tech for different Universities
 3. Paper setting B.Tech and M.Tech and Ph.D level
 4. Conduct of examinations Chairman for KTU for Basic Electronics Engineering /Introduction to Electronics in October 2017
 5. Evaluation of dissertation etc. : PG Coordinator M.Tech Signal processing , **Chairman M.Tech (EC) for Calicut Cluster -KTU**
DC Member, Expert Examiner-Ph.D- Kerala Technological University (KTU)
Expert Examiner-Ph.D- Anna University

D. Publications:

(i). Conference / Journal Papers:

- [1]. Shajeemohan B.S., "Integration of IT in Education - A Strategy to Meet The Challenges of 21st Century", Proceedings of ITFEST Kannur University, 2001.
- [2]. Shajeemohan B.S., "Impact of IT On Higher Education Through Continuing Education", Proceedings of the National conference on Impact of IT in 2002.
- [3]. Shajeemohan B.S., "QCL - A Programming Language For Quantum Computers", Proceedings of the National conference on Quantum Computing, IIITM, Gwalior, 2002.
- [4]. Shajeemohan B.S , Dr. V.K.Govindan, IDBE- "An Intelligent Text Data Compression for High

- Speed Data Transmission Over Internet "Proceedings of the International conference on Intelligent Signal Processing and Robotics- ISPR-2004 IIT Allahabad ., 20-23 Feb 2004.
- [5]. Shajeemohan B.S , Dr. V.K.Govindan , "[An Intelligent Text Data Encryption and Compression for High Speed and Secure Data Transmission Over Internet](#)". Proceedings of the IIT Kanpur Hackers Workshop - IITKHACK2004, 23-24 Feb 2004.
- [6]. B.S. Shajeemohan , Vinodu George "[High speed And secure Data Transmission Using Encrypted Text Over Internet](#)" Proceedings of the National Workshop on Cryptography and Network Security, Amrita Vishwa Vidyapeetham, Kollam, Kerala. Sept.2004.
- [7]. B.S. Shajeemohan, Dr. V.K. Govindan "[Intelligent Compression Scheme For Faster And Secure Transmission Of Text And Image Data Over Internet](#)" Proceedings of the International Conference on Human Machine Interfaces, ICHMI 2004 , IISC Bangalore Sept.2004.
- [8]. B.S. Shajeemohan , Dr. V.K. Govindan 'Compression Scheme for Faster and Secure Data Transmission Over Internet" IEEE Sponsored International Conference on Information Technology Coding and Compression -ITCC 2005, Las Vegas , Nevada, USA. (Selected for presentation)
- [9]. B.S. Shajeemohan , Dr. V.K. Govindan '[Compression Scheme for Faster and Secure Text Data Transmission Over Networks](#)" IEEE and Computer Society Sponsored International Conference on Mobile Business - ICMB 2005, Sydney, Australia.
- [10].B.S. Shajeemohan , Dr. V.K. Govindan and Baby Vijilin, '[A Scheme for Image Classification and Adaptive Mother Wavelet Selection](#)" IEEE Sponsored International Conference on Advanced Computing and Communication ADCOM 2006, NIT Surathkal, India, December 2006. (**Won the best Presentation Award**)
- [11]. B.S. Shajeemohan , C. Chandra Sekhar, A Class-Specific Mahalanobis Distance Metric Learning for Biological Image Classification, International Conference on Image Analysis and Recognition, ICIAR -2012, Aviero, Portugal. [Lecture Notes in Computer Science \(LNCS\) Volume 7325, 2012, pp 240-248 \[http://rd.springer.com/chapter/10.1007/978-3-642-31298-4_29\]](#).
12. Shajee Mohan, B. S., Shanthini K. S., Siji, K. K., Binitha, S.M., and Rakhi, C.: "Feature Selection, Optimization and Performance Analysis of Classifiers for Biological Images", IEEE Sponsored National Conference on Communication Signal Processing and Networking- NCCSN 2014, NSS College of Engineering, Palakkad, Kerala, India, August 2014.
13. Shajee Mohan, B. S., Shanthini K. S., Siji, K. K., Binitha, S.M., and Rakhi, C.: "Feature Selection and Performance Analysis of Classifiers for Biological Images", IEEE Sponsored National Conference on Systems Energy and Environment- NCSEE 2014, Govt. Engineering College Kannur, Kerala, India, August 2014.
14. Shajee Mohan, B. S., Shanthini K. S., .: "Performance Analysis Classifiers with Feature Selection and Optimization in CBIR System for Biological Images", IEEE Sponsored 2nd International Conference on Intelligent Systems and Image Processing- ICISIP-2014, Nishnippon Institute of Technology, Kitakyushu, Japan 26-29, September 2014. (**Won the best Presentation Award**)
15. Shajee Mohan, B. S., Shanthini K. S., .: "A Methodology for Feature Selection and Performance Optimization of Classifiers in CBIR Systems for Biological Images" International Journal of Industrial and Instrumentation Engineers Japan in the issue January 25, 2015(JIAE Vol.3 No.1) [**best paper for the year 2015 Award**]

16. Speech Emotion Synthesis using GMM based Technique, B.S.Shajee Mohan, Rashmi Sasikumar, 3rd National Conference of Systems, Energy and Environment- NCSEE-15, Govt. Engg College, Kannur, during September- 2015.

17. Single Channel Multi-Speaker Speech Separation and Recognition in Noisy Environment, B.S.Shajee Mohan, Kavitha, 3rd National Conference of Systems, Energy and Environment- NCSEE-15, Govt. Engg College, Kannur, during September- 2015.

18. Emotion Recognition from Facial Expression Images, Shajee Mohan B.S., Naiji Joseph, IEEE sponsored International Conference on Information Science ICIS 2016, College of Engineering Cherthala.(accepted).

19. A Query Image based Scene/Image Retrieval System, Shajee mohan B.S.,Tejaswi, IEEE sponsored International Conference on Information Science ICIS 2016, College of Engineering Cherthala.

20. Shajee mohan B.S., Meera K, Object Recognition using SIFT Features, IEEE Sponsored International Conference on Information Science ICIS 2016, College of Engineering Cherthala, August 2016.

21. Emotion Recognition and Synthesis on Facial Expression Images, Shajee mohan B.S., Naiji Joseph, 4th National Conference on Signal Processing -NET 2016, GEC Kozhikode.

22. A Query based Scene Image Retrieval System, Shajee mohan B.S.,Tejaswi, 4th National Conference on Signal Processing -NET 2016, GEC Kozhikode.

23. Shajee mohan B.S., Meera K, Object An Intelligent Object Recognition and Retrieval System with a Query Classifier, 4th National Conference on Signal Processing -NET 2016, GEC Kozhikode.

[24]. B. S. Shajee Mohan and C. Chandra Sekhar, Distance Metric Learning-based Kernel GramMatrix Learning for Pattern Analysis Tasks in Kernel Feature Space. *Pattern Analysis and Applications Journal*, Springer-Verlag, December, pp 1–21, 2017, (DOI: 10.1007/s10044-017-0670-3).

[25] B. S. Shajee Mohan and C. C. Sekhar, "Distance Metric Learnt Kernel based SVMs for Semi-Supervised Pattern Classification," *2017 Ninth International Conference on Advances in Pattern Recognition (ICAPR)*, Bangalore, India, 2017, pp. 1-6. doi: 10.1109/ICAPR.2017.8592956

[26] Nimmi Gopan, Shanthini K. S. And Shajee Mohan B. S., Classification of Nuclei in Colorectal Cancer Histology Images, NSC-2018, Advanced Systems Engineering Concepts for National Development -ASCEND-2018, Organized by System Society of India Thiruvananthapuram Chapter in association with Vikram Sarabhai Space Centre (VSSC), December 2018. (**Won the best Presentation Award**)

[27] Shiju T.V. and B. S. Shajee Mohan, "Performance Analysis of Image Classifiers using SIFT and GIST Features," *International Conference on Intelligent Computing and Signal Processing-IntelliSig-2019*, 8-9th March 2019, Dept. Of Computer Science, Central University of Kerala.

[28] Anisha M. and B. S. Shajee Mohan, "Classification of Emotions and Different Bhavas in Kathakali using SIFT and Gist Features," *International Conference on Advances in Security and Computing – ICASC-2019*, 25-26th July 2019, Dept. Of Computer Science, LBSCE Kasaragod.

[29] Febna K. V. and B. S. Shajee Mohan, "Synthetic Generation of Facial Emotions and Bhavas," *International Conference on Advances in Security and Computing – ICASC-2019*, 25-26th July 2019, Dept. Of Computer Science, LBSCE Kasaragod.

[30] Resmi R. and B. S. Shajee Mohan, "Modified Ranking-SVM and ML-kNN for Multilabel Classification," *International Conference on Advances in Security and Computing – ICASC-2019*, 25-26th July 2019, Dept. Of Computer Science, LBSCE Kasaragod.

(ii). Technical Papers:

1. Information Security – Latest Trends: The full text of the lecture presented by the author at the AICTE / ISTE sponsored STTP conducted by the Govt. College of Engineering, Kannur during March 2003.

2. [Guidelines For Preparing Technical Project Reports](#): Giving some insight to the students about the preparation of technical project reports. This article gives the details about the preparation of technical reports such as the final year project reports, mini project reports, etc,...

3. [Documenting Laboratory Experiments in Computer Science Curricula](#): This article carefully covers the important details of the preparation of laboratory reports of software experiments done in a conventional computer laboratory.

4. [Network Laboratory Manual](#): A detailed experiment manual for the network lab.

(iii). Conferences/Workshops/Winter/Summer schools/STTPs attended:

1. Intensive Short Term Course on Fiber Optic Communication Systems, Dec 21st -01st Jan 1994, Thadomal Shanani Engineering College, Bandra (W), Mumbai,

2. AICTE sponsored National Seminar on Mechatronics, 07th-09th March 1997 at Karnataka Regional Engineering College (KREC), Surathkal.

3. ISTE/ AICTE sponsored Summer School on Modern Trends in Digital Signal Processing, April 21st-May 02, 1997, Department of Electrical Engineering, Calicut Regional Engineering College, Calicut, Kerala.

4. Directorate of Technical Education (Kerala) sponsored Short Term course on Engineering Applications of Natural Fibers 04th Dec- 12th Dec 2000, Civil Engineering Dept., Government Engineering College Kannur.

5. AICTE/ISTE Sponsored STTP on High Performance Cluster Computing using Open Source Software, 17th - 29th December 2001, Model Engineering College, Managed by IHRDE, a Govt. Of Kerala Under Taking, Cochin, Kerala.

6. UGC sponsored National Conference on Impact of Information Technology in Continuing Education, 26th -27th March 2002. Faculty of Engineering and Technology, Continuing Education and Development Cell, Annamalai University, Chidambaram, Tamilnadu.

7. Computer Society of India sponsored National conference on Quantum Computing, 5 - 7th October 2002, Indian Institute of Information Technology and Management (IIITM), Gwalior.

8. AICTE/ISTE Sponsored STTP on GNU/LINUX Operating System and its Effective use in

- Computing Curricula, 05th – 18th August 2002, Model Engineering College, Managed by IHRDE, a Govt. Of Kerala Under Taking, Cochin, Kerala.
9. TEQIP (Govt. Of India) Sponsored National Seminar on Institutional Development and Knowledge Networking, 05th December 2003 at National Institute of Technology Calicut.
10. International Conference on Intelligent Signal Processing and Robotics, ISPR –2004, 20th -23rd February 2004, Indian Institute of Information Technology, IIIT Allahabad Feb 2004 IIIT Allahabad.
11. Cryptology Research Society of India (CRSI) Sponsored National Workshop on Cryptology, 10th – 12th Sept 2004, Amrita Viswa Vidya Peetham, Vallikkavu, Kollam, Kerala.
12. International Conference on Human Machine Interfaces, ICHMI –2004, 20th 23rd December 2004, at Indian Institute of Science, Bangalore, Jointly organized by Kuvempu University and MIT Touch Lab USA.
13. ISTE/ TEQIP (Gov. Of India) Sponsored STTP Training Programme on Network Security and Cryptography, 27th – 08th October 2004, Dept. Of Computer Science and Engineering, Lal Bahadur Shastri Engineering College, Kasaragod, Kerala- A Govt. Of Kerala Undertaking.
14. IIT Kanpur Hackers Workshop 2004 (IITKHACK-2004) Indian Institute of Technology, Kanpur, 23rd – 24th Feb 2004, IIT Kanpur.
15. IEEE and Computer Society International sponsored International Conference on Mobile Business (ICMB-2005) University of Tech. Sydney, Sydney, Australia, July 11th - 13th 2005.
16. IEEE Computer society and Advanced Commn. Society Sponsored International Conference on Advanced Computing and Communication (ADCOM-2006) NITK, Surathkal, Dec 21st - 23rd December, 2006.
17. FDP on Teaching-Learning Methodologies, Organised by Centre for Continuing Education, Indian Institute of Technology Madras, 06th-07th August 2010.
18. Winter school on Speech and Audio Processing -Wissap 2010, IIT Bombay, 12th 15th January 2010.
19. Summer School on Information Retrieval, Sponsored by Yahoo! India Research and Development, 20th- 25th June 2011, Indian Institute of Science, Bangalore.
20. FDP for Research Scholars (FDP-RS 2011), Conducted by TLC Faculty group, Organized by Centre for Continuing Education, IIT Madras, 20th-21st August 2011.
21. International Conference on Image Analysis and Recognition ICIAR-2012, June 25th-27th, 2012, Aveiro, Portugal.
22. Winter school on Speech and Audio Processing -Wissap 2012, Topic: Computational Audio Scene Analysis, IISc Bangalore, January 06th-09th, 2012.
23. Winter school on Speech and Audio Processing -Wissap 2013, Topic: Statistical Parametric Speech Synthesis, IIT Madras, 22nd-25th February 2013.
24. First Indian workshop on Machine Learning -iWML 2013, IIT Kanpur, 1st-03rd July, 2013.
25. Customized Training Program (FDP) on System Design using DSP and Microprocessors, Organized by National Institute of Electronics and Information Technology (NIELIT), Ministry of Communication and Information Technology, Gov. Of India, 08th-12th April 2013.
26. Workshop on Quality Initiatives in Technical and Higher Educational Institutions (in compliance with NBA & NAAC accreditation)"- Engineering Staff College of India-ESCI-Hyderabad, 29th to 31st January 2013.

27. Resource person, STTP on Microcontrollers, Neural Networks and Fuzzy Logic conducted by EEE department, Govt. Engineering College Kannur, Kannur, Kerala, 9th October 2013.
28. Resource Person, STTP on Teaching methodologies, 31st July- 01st August 2013, Organized by Dept. Of Electronics and Communication Engineering, Lal Bahadur Shastri Engineering College, Kasaragod, Kerala- A Govt. Of Kerala Undertaking.
29. Resource Person, STTP on Communication Networks and Security (CNS-2013), February 2013, Organized by CSED, Govt. Engineering College Wayanad.
30. Resource Person, DTE (Govt. Of Kerala), AICTE/ISTE Sponsored National Conference on Information Technology, Communication and Signal Processing, Organized by Govt. Engineering College Wayanad, Kerala on 01st March 2013.
31. Session Chair- 1st National Conference on Systems, Energy and Environment, August 02nd-03rd August 2013, Organized by Govt. Engineering College Kannur, Kannur, Kerala.
- 31b. Expert Lecture- DTE (Govt. Of Kerala) Sponsored STTP on Advancements in Speech and Audio Processing, 18th- 22nd March 2013, Organized by College of Engineering Trivandrum.
32. Session Chair- TEQIP-P-II (Govt. Of India) Sponsored 2nd National Conference on Systems and Signal Processing (NET-SP-2014), 29th-30th August 2014, Organized by Govt. Engineering College Kozhikode, Kozhikode, Kerala.
33. Resource person- National Workshop on Soft Computing Applications and Simulation, 22nd April 2014, Organized by Veda Vyasa institute of Technology Malappuram, Kerala.
34. Reviewer- TEQIP-P-II (Govt. Of India) Sponsored 2nd National Conference on Systems and Signal Processing (NET-SP-2014), 29th-30th August 2014, Organized by Govt. Engineering College Kozhikode, Kozhikode, Kerala.
35. Session Chair- 2nd National Conference on Systems, Energy and Environment, August 1st-2nd August 2014, Organized by Govt. Engineering College Kannur, Kannur, Kerala.
36. IEEE sponsored 2nd International Conference on Intelligent Systems and Image Processing ICISIP-2014 held at Nishnippon Institute of Technology, Kitakyushu, Japan, 26th-29th September 2014.
37. Co-ordinator- DTE (Govt. Of Kerala) Sponsored STTP on Signal processing and Pattern Analysis, 13th-19th March 2014, Organized by Applied Electronics and Instrumentation Engineering dept., Govt. Engineering College Kozhikode, Kozhikode, Kerala.
38. Centre of Excellence in Signal Processing (CESP), IIIT Allahabad organized Winter school on Speech and Audio Processing -Wissap 2014, IIIT Hyderabad, 17th-20th January 2014.
39. Reviewer- TEQIP- P II (Govt. Of India) Sponsored 3rd National Conference (NET-2015) on Signal processing, 30th-31st October 2015, Organized by Govt. Engineering College Kozhikode, Kozhikode, Kerala.
40. Resource Person- TEQIP- P II (Govt. Of India) Sponsored FDP on Emerging Trends in Signal processing, 18th- 23rd September 2015, Organized by College of Engineering Thalassery under Co-operative Academy for Professional Education established under Govt. Of Kerala.
41. Session Chair- 4th International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST-2015), 09th-11th December 2015, Organized by Govt. Engineering College Trissur, Trissur, Kerala.
42. Reviewer- TEQIP- P II (Govt. Of India) Sponsored 3rd National Conference on Systems, Energy

- and Environment, September 10th-11th 2015, Organized by Govt. Engineering College Kannur, Kannur, Kerala.
43. Session Chair- 2nd National Conference on Recent Advances in Engineering and Technology- nCORETech-2015, 20th-21st January 2015, Organized by Dept. Of Electronics and Communication Engineering, Lal Bahadur Shastri Engineering College, Kasaragod, Kerala- A Govt. Of Kerala Undertaking.
44. Resource Person-FDP on Emerging Trends in Signal Processing, Organized by College of Engineering Thalassery under Co-operative Academy for Professional Education established under Govt. Of Kerala on 18th September 2015.
45. DTE (Govt. Of Kerala), Sponsored Training Program on Leadership Empowerment-Organized by CET School of Management College of Engineering Trivandrum, 23rd-27th February 2015.
46. FDP on Pedagogy Organized and conducted by Teaching and Learning Centre, Indian Institute of Technology Madras, 19th-21st March 2015.
47. Symposium on Teaching Learning in Higher Education- A jointly sponsored initiative of SPFU-TEQIP Kerala and Teaching and Learning Centre, IIT Madras, 22nd-23rd January 2016.
48. Resource Person- TEQIP- P II (Govt. Of India) Sponsored FDP on Machine Learning, 11th-12th March 2016, Organized by Govt. Engineering College Wayanad, Kerala.
49. Keynote Speaker-International Conference on Systems, Energy and Environment- ICSEE-2016, 05th 06th August 2016, Organized by Govt. Engineering College Kannur, Kannur, Kerala.
50. Session Chair- International Conference on Systems, Energy and Environment- ICSEE-2016, 05th 06th August 2016, Organized by Govt. Engineering College Kannur, Kannur, Kerala.
51. Keynote Speaker-ISTE Sponsored STTP on VLSI Signal Processing Systems-Design and Implementation using Cadence, 01st-06th March 2016, Organized by Dept. Of Electronics and Communication Engineering, Lal Bahadur Shastri Engineering College, Kasaragod, Kerala- A Govt. Of Kerala Undertaking.
52. Session Chair- National Conference on Recent Advances in Engineering and Technology- nCORETech-2016, 10th-11st February 2016, Organized by Dept. Of Electronics and Communication Engineering, Lal Bahadur Shastri Engineering College, Kasaragod, Kerala- A Govt. Of Kerala Undertaking.
53. Program Committee Member- TEQIP- P II (Govt. Of India) Sponsored 4th National Conference on Emerging Trends -NET 2016, 07th-08th October 2016, Organized by Govt. Engineering College Kozhikode, Kozhikode, Kerala.
54. Reviewer- TEQIP- P II (Govt. Of India) Sponsored 4th National Conference on Emerging Trends -NET 2016, 07th-08th October 2016, Organized by Govt. Engineering College Kozhikode, Kozhikode, Kerala.
55. Co-ordinator- DTE (Govt. Of Kerala) Sponsored STTP on Signal processing and Pattern Analysis, 22nd-27th February 2016, Organized by Applied Electronics and Instrumentation Engineering dept., Govt. Engineering College Kozhikode, Kozhikode, Kerala.
56. TEQIP- P II (Govt. Of India) Sponsored workshop on Design and Engineering, 03rd-5th February 2016, Organized by Chemical Engineering dept., Govt. Engineering College Kozhikode, Kozhikode, Kerala.
57. Session Chair- International Conference on Systems, Energy and Environment- ICSEE-2017, 15th 16th August 2017, Organized by Govt. Engineering College Kannur, Kannur, Kerala.

57b. Student Evaluation and Question paper setting-Workshop conducted by APJ Abdul Kalam Technological University (KTU) during 15th -17th February 2017, CET, Thiruvananthapuram

58. Session Chair- National Conference on Recent Advances in Engineering and Technology-nCORETech-2016, 1st-2nd March 2017, Organized by Dept. Of Electronics and Communication Engineering, Lal Bahadur Shastri Engineering College, Kasaragod, Kerala- A Govt. Of Kerala Undertaking.

59. Keynote Speaker- National Conference on Digital Signal processing, Information and Communication Engineering -DSPICE-2016, Organized by Govt. Polytechnic College Kasaragod, Kasaragod, Kerala, on 24th November 2016.

60. Guest Speaker- Inservice Training Programme of PGT (CS) Spell II at Kendriya Vidyalaya No.1, Calicut on 01st January 2016.

61. NSC-2018, Advanced Systems Engineering Concepts for National Development -ASCEND-2018, Organized by System Society of India Thiruvananthapuram Chapter in association with Vikram Sarabhai Space Centre (VSSC), December 2018.

62. Winter school on Speech and Audio Processing -Wissap 2013, College of Engineering Trivandrum, 27th - 29th January 2019.

63. Co-ordinator- AICTE Induction Program 2019, 22nd July - 8th August 2019, Govt. Engineering College Kozhikode, Kozhikode, Kerala.

64. Program Committee member- Winter school on Speech and Audio Processing -Wissap 2013, College of Engineering Trivandrum, 27th - 29th January 2019.

D. Awards Won:

[1]. **Best presentation of the session award:** B.S. Shajeemohan , Dr. V.K. Govindan and Baby Vijilin, 'A Scheme for Image Classification and Adaptive Mother Wavelet Selection' IEEE Sponsored International Conference on Advanced Computing and Communication ADCOM 2006, NIT Surathkal, India, December 2006.

[2]. **Outstanding Teaching Assistant Award** for CS1100- Computational Engineering, during August-December 2009 Semester, Department of Computer Science and Engineering, IIT Madras.

[3]. **Outstanding Teaching Assistant Award** for CS6030- Mathematical Concepts for Computer Science, during August-December 2011 Semester, Department of Computer Science and Engineering, IIT Madras.

[4]. **Outstanding Teaching Assistant Award** for CS6300- Speech Technology, during January-May 2012 Semester, Department of Computer Science and Engineering, IIT Madras.

[5]. **Best Presentation Award:** Shajee Mohan, B. S., Shanthini K. S., .: "Performance Analysis Classifiers with Feature Selection and Optimization in CBIR System for Biological Images", IEEE Sponsored 2nd International Conference on Intelligent Systems and Image Processing- ICISIP-2014, Nishnippon Institute of Technology, Kitakyushu, Japan 26-29, September 2014.

[6]. **Best Paper of the Year 2015:** Shajee Mohan, B. S., Shanthini K. S., .: "A Methodology for Feature Selection and Performance Optimization of Classifiers in CBIR Systems for Biological Images" International Journal of the Institute of Industrial Application Engineers Japan in the issue January 25, 2015(JIIAE Vol.3 No.1)

[7]. **Best presentation award: ASCEND-2018**, organized by System society of India Thiruvananthapuram Chapter in association with Vikram Sarabhai Space Centre (VSSC) Nimmi Gopan, Shanthini K. S. And Shajee Mohan B. S., [Classification of Nuclei in Colorectal Cancer Histology Images](#), NSC-2018, Advanced Systems Engineering Concepts for National Development -ASCEND-2018, organized by System society of India Thiruvananthapuram Chapter in association with Vikram Sarabhai Space Centre, December 2018. (**Won the best Presentation Award**).

D. Reviewer for Journals:

- [1]. International Journal of Knowledge and Learning (IJKL), Inder Science- ISSN print 1741-1009
- [2]. Anais da Academia Brasileira de Ciências (Anals of the Brazilian Academy of Sciences) *Print version* ISSN 0001-3765 *On-line version* ISSN 1678-2690
- [3]. Journal: Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization-Print ISSN: 2168-1163 Online ISSN: 2168-1171
- [4]. IEEE Access-The Multidisciplinary Open Access Journal



Shajee Mohan receives the best presentation award from Seiichi Serikawa, Kyushu Institute of Technology, Japan in the IEEE Sponsored 2nd International Conference on Intelligent Systems and Image Processing- ICISIP-2014, Nishnippon Institute of Technology, Kitakyushu, Japan 26-29, September 2014.