

Name Dr. N.B. Mahesh Kumar
Department INFORMATION TECHNOLOGY
Qualification B.Tech. (IT), M.E.(CSE), Ph.D.,(CSE)
Area of Specialization Image Processing
Date of Joining (KSR IET) 15.07.2020



Experience **Teaching: 14 Years 5 Months**

Number of Papers Published **International Journals: 10**

Number of Papers Presented **National Conferences: 09** **International Conferences: 08**

Contact Details
E Mail:
mknbmaheshkumar@gmail.com

Mobile: 9843177264

INTERNATIONAL JOURNALS

1. N.B.Mahesh Kumar, K.Premalatha, "A Survey of Image Enhancement Techniques for Vein Pattern Biometrics", International Journal of Computer Information Systems, Vol.2, No.4, pp. 12-17, April 2011.
2. N.B.Mahesh Kumar, K.Premalatha, "Finger Knuckle-print identification based on local and global Feature Extraction using SDOST", American Journal of Applied Sciences", Vol.11, No.6, pp. 929-938, April 2014.
3. N.B.Mahesh Kumar, "PamIprint Biometric System for Personal Authentication", International Journal of Computer Applications, pp. 14-17, November 2014.
4. N. B.Mahesh Kumar, K. Premalatha, "Palmprint Authentication System Based on Local and Global Feature Fusion Using DOST", Journal of Applied Mathematics, Hindawi Publishing Corporation, Volume 2014, December 2014, Article ID 918376, pp.1-11.
5. N.B.Mahesh Kumar, "A Survey on Palm Print Identification", International Journal of Modern Trends in Engineering and Science", Vol. 01, No. 12, pp. 7-11, 2015.
6. N. B.Mahesh Kumar, K. Premalatha, Personal Authentication Using FDOST in Finger Knuckle-Print Biometrics, World Academy of Science, Engineering and Technology, International Journal of Computer, Control, Quantum and Information Engineering, vol. 9, no.1, pp. 323-328, 2015.
7. N.B.Mahesh Kumar, "A Fast and Accurate Palmprint Identification System based on Consistency Orientation Pattern", International Journal for Trends in Engineering and Technology, Vol. 3, No.1, pp. 32-28, January 2015.

8. N.B.Mahesh Kumar, "Encrypted Bigdata Using AES Deduplication in Cloud Storage", International Journal of Engineering and Computer Science, Vol.6, no. 7, July 2017.
9. N.B.Mahesh Kumar, "Conversion of Sign Language into Text", International Journal of Applied Engineering Research, Vol.13, no. 9, pp. 7154-7161, May 2018.
10. N.B.Mahesh Kumar, "Fashion Data processing system using Machine Learning", International Journal of Advance Research in Science and Engineering, Volume No.10, Issue No. 04, pp.62-68 April 2021.

INTERNATIONAL CONFERENCES

1. N.B.Mahesh Kumar, "Fashion Data processing system using Machine Learning", International Conference on Challenges and Opportunities for Innovation in New Normal Scenario, KSR Institute for Engineering and Technology.
2. Saravana Kumar Muthusamy, N B Mahesh Kumar, E Kaviya, "Fog Computing Based Radio Access Network (F-Ran) in 5G Wireless Communications", IEEE Sponsored International Conference on Innovations in Information, Embedded and Communication Systems (Iciiecs'16), Karpagam College of Engineering, Coimbatore, pp.1162-1167, March2016.
3. N.B. Mahesh Kumar, "Consistency Orientation Pattern for Fast and Accurate Palmprint Identification System", Proceedings of the International Conference on Innovations in Information Embedded and Communication Systems, held at Karpagam College of Engineering, Coimbatore on March 2015(DRDO sponsored).
4. N.B. Mahesh Kumar, "A Fast and Accurate Palmprint Identification System based on Consistency Orientation Pattern", Proceedings of the International Conference on Innovations in Communications and Computer Engineering held at CIT, Coimbatore on February 2015.
5. N.B. Mahesh Kumar, "Palmprint Biometric System for personal Authentication", Proceedings of the International Conference on Innovations in Information Embedded and Communication Systems, pp.72-75, held at Karpagam College of Engineering, Coimbatore on March 2014.
6. N.B. Mahesh Kumar, "A Novel Palmprint Identification using Discrete Stockwell Transform", International Conference on Advanced Computing, Machines and Embedded Technology, pp. 321-328, held at JKK Nattaraja College of Engineering and Technology, Namakkal on March 2013.
7. N.B. Mahesh Kumar and K.Premalatha, "Gabor Transform and Fourier Transform based Palmprint for Human Identification", Proceedings of the International Convention cum Pre- Conference Workshop on Innovations in Engineering and Technology for Sustainable Development, pp.319-323, held at Bannari Amman Institute of Technology on September 2012.
8. N.B. Mahesh Kumar, "Edge Detection Techniques for Finger Knuckle-print Biometrics", Proceedings of the 2nd International Conference on Computer Applications, conducted by Techno Forum Research and Development Centre, Pondicherry on Jan 2012.

National Conference

1. N.B. Mahesh Kumar, "Sign Language Recognition System:A Preliminary Study", Proceedings of the 4th National Conference on Recent Trends in Ubiquitous Computing and Communication Technology, 8th-9th December 2017 at Bannari Amman Institute of Technology, Sathyamangalam.
2. Saravana Kumar Muthusamy, N B Mahesh Kumar, E Kaviya, "Providing an Best Quality of Service in Cloud Radio Access Network", Proceedings on National Conference on Innovations in Information Technology (NCIIT-2016), Bannari Amman Institute of Technology, pp. 526-532, Feb2016.
3. N.B. Mahesh Kumar, "Palmprint Biometric for Personal Authentication", Proceedings of the 4thNational Conference on Challenges and Innovations in Information Technology", held at Kongu Engineering College, Erode on February2014.

4. N.B. Mahesh Kumar, "Personal Authentication using palmprint biometric", Proceedings of the 6th National Conference on Computing and Information systems, pp. 93-96, held at Sri Krishna College of Engineering and Technology, Coimbatore on February 2014.
5. N.B. Mahesh Kumar, "Palmprint Biometrics for Identification of Humans", Proceedings of the 4th National Conference on Challenges and Innovations in Information Technology", at Kongu Engineering College, Erode, pp. 105-113, 22nd February 2013.
6. N.B. Mahesh Kumar, "A Novel Finger knuckle print biometrics for personal authentication", Proceedings of the 4th National Conference on Recent Trends in Information and Intelligence system held at Vellalar College of Engineering and Technology, Erode, 17th March 2012.
7. N.B. Mahesh Kumar, "Steganography and Detection of Double JPEG Compression", Proceedings of the 2nd National Conference on Recent Advances in Computer Vision and Information Technology, 8th March 2009 at Government College of Technology, Coimbatore.
8. N.B. Mahesh Kumar, "Steganography and Detection of Double JPEG Compression", Proceedings of the 4th National Conference on Emerging Trends in Computer Science and Engineering, 20th February 2009 at K.S.Rangasamy College of Technology, Tiruchencode.
9. N.B. Mahesh Kumar, "Steganography and Detection of Double JPEG Compression", Proceedings of the 3th National Conference on "Networks, Intelligence and Computing Systems", 16th February 2009 at SNS college of Technology, Coimbatore.

Books Published (Monograph)

1. N.B. Mahesh Kumar and K. Premalatha, Palmprint Authentication by Discrete Orthonormal Stockwell Transform, Lambert Academic Publishing, 2017, ISBN 978-620-2-06697-6, 2017.
2. N.B. Mahesh Kumar and K. Premalatha, Finger Knuckle-Print Authentication Using Fast Discrete Orthonormal Stockwell Transform, Anchor Academic Publishing, ISBN 978-3- 96067-203-6, 2017.
3. N.B. Mahesh Kumar and K. Premalatha, Certain Investigations on Transform Based Techniques in Palmprint and Finger Knuckle-Print Biometrics for Personal Authentication, GRIN, ISBN 9783668562868, 2017.

WORKSHOP/SEMINAR/FDP/FTP PARTICIPATION

1. Participated in webinar on "Power of Artificial Intelligence in an IOT", "Parkinson's disease Analysis using Machine Learning" conducted by Bannari Amman Institute of Technology, IEDC College of Engineering, Kottarakkara in association with NoviTech, Ernakulam on 28.08.2020, 23.08.2020.
2. Participated in webinar on Brain Control Robot Design, Internet of Things Using NodeMCU, Design of Brain Controlled Applications, Face Recognition using Deep Learning, Image Processing Applications, Natural Language Processing, Object Recognition – YOLO/MOBILENET/CLOUD, Computer Vision Application Design, Robotics Operating Systems, Brain Computer Interface and Research Opportunities, IIOT Industry 4.0, Autonomous Vehicle Technology, Healthcare Technology, Electric Vehicle Design using Matlab, Machine Learning Applications using Python, Internet of Things using Raspberry Pi, Brain Computer Interface, Grid Tie Inverter Design, Choosing the right processor for embedded application, Emerging growth of virtual reality and augmented reality conducted by NITK-STEP, Shiv Kumar Singh Institute of Technology and Science, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, Balaji Institute of Technology and Science, Warangal, AIMIT ST. Aloysius College, Mangalore, Siddhartha Institute of Technology and Sciences, Khalsa College for Women, Sidhwan khurd, Ludhiana, Atria Institute of Technology, Bengaluru, Adama Science and Technology University, Ethiopia, AISSMS

3. Institute of Information Technology, Shree Ramchandra College of Engineering, KL Deemed To Be University, Manav Rachna University, RV College of Engineering, Bengaluru, KL Deemed To Be University, Rajiv Gandhi College of Engineering Research and Technology, Chandrapur, Kongu Engineering College, Erode, SJB Institute of Technology, KL Deemed To Be University, Vijayawada, K.S.R.M. College of Engineering, in association with Pantech Solutions on 06.06.2020, 23.06.2020, 26.06.2020, 30.06.2020, 03.07.2020, 07.07.2020, 10.07.2020, 14.07.2020, 17.07.2020, 21.07.2020, 25.07.2020, 28.07.2020, 31.07.2020, 01.08.2020, 04.08.2020, 05.08.2020, 08.08.2020, 12.08.2020, 13.08.2020, 14.08.2020.
4. Participated in Cisco Small Business Virtual Summit conducted by Cisco Inc, Bangloare in association with moneycontrol, Rukna Mana hai on 17.07.2020.
5. Participated in A Walk through Natural Language Processing with Python, Mental Health in the Covid Era, What you see is What you mean, a walk-through on LATEX conducted by IEEE student branch Central University of Kerala in association with IEEE WIE Central University of Kerala and Department of Computer Science, Central University of Kerala on 15.07.2020, 29.07.2020.
6. Participated in Webinar on Renewable Energy, Lead Free Solder Development towards Green Technology, Industry 4.0 and Robot Applications conducted by Francis Xavier Engineering College, Tirunelveli on 25.06.2020, 13.07.2020 and 13.07.2020.
7. Participated in webinar on Find the Missing Millions-World Hepatitis Day 2020 Awareness conducted by VGM Foundation, Coimbatore on 02.08.2020.
8. Participated in Webinar on Getting Students Career Ready for the New World of Work conducted by Elets Techmedia Pvt.Ltd, Noia, Utrarpradesh and Harappa Education, New Delhi on 12.08.2020.
9. Participated in webinar on "Implementation of Image and Signal Processing Applications using MATLAB in Xilinx Boards conducted by Sri Ramakrishna Engineering College Coimbatore in association with IETE & Mathworks India Pvt. Ltd, Hyderabad on 13.08.2020.
10. Participated in Webinar on "Leadership: Key for Future Success" conducted by DIGISAKSHAM, Noida Uttarpradesh on 3rd September 2020.
11. Participated in 4-Day International Conference on Eradication of Biological and Chemical Weapons conducted by MIT World Peace University, Pune from 3rd -26th June 2020.
12. Participated in one week online Certificate Course on Digital Teaching Techniques conducted by ICT Academy from 29.06.2020 to 04.07.2020.
13. Participated in 12 Hours of Faculty Development Program on Cybersecurity Essentials (Online Live FDP) conducted by ICT Academy from 17.8.2020 to 22.08.2020.
14. Participated in Webinar on Health and Safety, Skills that Make You, An Insight of Essay (For Argument & Issues), Social Networks: An Insight Approach conducted by Ezeal Evolutions India Pvt Ltd, Tiruchirappalli on 28.07.2020, 26.07.2020, 30.07.2020, 21.07.2020.
15. Participated in Webinar on OBE Implementation and Academic to Achieve Excellence Leading to Accreditation Readiness through IonCUDOS on 7th April 2020.
16. Participated in Webinar on Additive Manufacturing in Academics held on 13th April 2020 in association with CoreEL Technologies and Stratays.
17. Participated in Online Workshops on Intellectual Property Rights conducted by IPPO on 10th -11th April 2020.
18. Participated in ICT Academy Convergence 2020 (Annual Members Meeting) on 15.07.2020.
19. Participated in Virtual Book Launch of Future of Higher Education – Nine Mega Trends conducted by ICT Academy on 30.06.2020.
20. Participated in Online Super Session webinar on Change is the Essence of Lif,expert session by Bharathi Baskar Future of Education Expert session by Prof. D P Singh, Personal Financial Management by CA. V. Pattabhi Ram, Good Teacher to Great Teacher by Dr. Sylendra Babu, The Power of A Teacher, Improving the Skill Set & Changing the Attitude, Expert session by Dr. Ramesh Prabbha, conducted by ICT Academy on 25.05.2020, 18.06.2020, 20.05.2020, 14.05.2020, 04.05.2020, 05.06.2020.

21. Participated Insightful Fridays of Skycampus Digital Knowledge Webinar Series, Expert
22. Talks & Panel Discussion, Jatinder K Kautish, Director - Data Science & AI, Capgemini, Amit Ravankar, Head - ER Transformation, Tata Consultancy Services Moderated by G Saravanan, DGM, ICT Academy, Insightful Fridays of Skycampus Digital Knowledge Webinar Series on the Theme "Building a Sustainable Future on 05.06.2020, 12.06.2020.
23. Participated in Insightful Fridays of Skycampus Digital Knowledge Webinar Series Expert Talks & Panel Discussion by Varughese, VP & Global Lead, Applied Intelligence - Accenture Security, Accenture Nidhi (Dr. Kiran) Kewalramani, Project Director - CSR, Tech Mahindra Foundation Moderated by G Saravanan, Head - Strategic Alliance powered by ICT Academy on 19.05.2020, 26.06.2020.
24. Participated in Season 7 of Skycampus on the theme "Accelerating Industry 4.0 - A Post Covid Paradigm" Day 1 - Conversation on "Industry 4.0 - A post Covid Paradigm", Day 2 - Accelerating Industry 4.0 - A Learning & Development Perspective, Day 3 - Impact of Artificial intelligence and cognitive computing, post covid 2019, Day 4 -Discover the Diamond in You, Day 5 - Catching the Cyber Virus powered by ICT Academy from 25.05.2020 to 29.05.2020.
25. Participated in Season 6 of Skycampus on the theme Future Tech 2020- Day 1- 5G as an Enabler In Digital Transformation, Day 2 – Global Mega Trends, Technologies and Covid 19 Impacting Sectors, Day 3 – Building Skills in Robotic Process Automation, Day 4 – Beyond Covid - Leading Through Change, Day 5 – Next Generation of Blockchain powered by ICT Academy from 18.05.2020 to 21.05.2020.
26. Participated in Season 5 of Skycampus on the theme The Future of Skills – Education, Employment and Entrepreneurship Day 1 to Day 5 powered by ICT Academy from 11.05.2020 to 15.05.2020.
27. Participated in Season 4 of Skycampus on the theme The Future of Education, Employment and Entrepreneurship Day 1 to Day 5 powered by ICT Academy from 04.05.2020 to 09.05.2020.
28. Participated in Season 3 of Skycampus on the theme The Future is Here Now – Day 1 – Opening Key Note Sessions, Day 2 to 5 powered by ICT Academy from 26.04.2020 to 30.04.2020, 01.05.2020
29. Participated in Season 2 of Skycampus - Webinar on the theme Leading in a VUCA World Day 1 - Opening Key Note Sessions, Day 2 - Expert Sessions, Day 3 - Expert Sessions, Day 4 - Expert Sessions, Day 5 - Expert Sessions powered by ICT Academy from 20.04.2020 to 24.04.2020.
30. Participated in Skycampus: Digital Knowledge Series: Season 1 - Session 1,2,4,5, 6,7,8,9 titled Robotic Process Automation: Basics and Beyond, Future of AI inspired by Customer Use Cases for AI-ML, Accelerating Experiential Learning in Engineering - A Mathworks Approach, The Future of Making, Introduction to AI & ML, Cybersecurity Essentials, Design Thinking - Preparing the mind for disruption, Digital Transformation in Enterprise powered by ICT Academy from April 9th to 18th 2020.
31. Participated in webinar, "Educational Institutions Under Lock-down: Byndr The Solution" held on 8th April 2020.
32. Two days Faculty Development Programme on Introduction to Big Data Analytics conducted by ICT Academy held at VSB College of Engineering Technical Campus, Coimbatore on 15th - 16th May 2019.
33. Participated in the VMware Academic Community Meet 2019 – Coimbatore powered by ICT Academy held on September 2019 at Hotel Vivanta, Coimbatore
34. Participated in the ICT Academy Bridge 2020 The High Impact Industry Institute Interaction Event of ASIA held on 26th February 2020 at IITM Research Park, Chennai
35. Participated in the ICT Academy Leadership summit held on 25th February 2020 at IITM Research Park, Chennai
36. Participated in the ICT Academy Research summit held on 25th February 2020 at IITM Research Park, Chennai

37. Participated in the ICT Academy CSR convergence 2019-Chennai organized by ICT Academy held on 27th August 2019 at ITC Grand Chola, Chennai
38. Participated in the IBM Learnovate event held on 19th November 2018 organized by Adroit Technologies, Coimbatore
39. Two day Faculty Development Programme on Introduction to R Programming conducted by ICT Academy held at Kumaraguru College of Technology, Coimbatore on 22nd - 23rd November 2018
40. Two day National Summit on Industry Standard 4.0 – Disruptive Technologies held at Bannari Amman Institute of Technology, Sathyamangalam on 23rd - 24th March 2018
41. ICMR sponsored Two-day National Level workshop on Deep Learning in Health Care Informatics and Models, 22nd - 23rd December 2017 at Bannari Amman Institute of Technology, Sathyamangalam
42. Two day Faculty Development Programme on Introduction to Mobile APP Development conducted by ICT Academy held at Jay Sriram Group of Institutions, Tiruppur on 27th-28th November 2017
43. Three-Week Short Term Training Course on Applied Statistics for Bioinformatics and Computational Biology Solutions using R and Bioconductor, 4th -22nd September 2017
44. National Level Two days workshop on Real Time Applications using Internet of Things (IOT), 20th-21st 2017 at Bannari Amman Institute of Technology, Sathyamangalam
45. DST-NIMAT sponsored Entrepreneurship Camp, 20th - 22nd July 2017 and 22nd – 24th August at Bannari Amman Institute of Technology, Sathyamangalam
46. Two Day workshop on Ethical Hacking, 21st -22nd July 2017 at Bannari Amman Institute of Technology, Sathyamangalam
47. Cisco Networking Academy Conference India, Cisco Systems India Pvt Ltd, Bangalore jointly with Amrita Vishwa Vidyapeetham University, Coimbatore, 22nd and 23rd June 2017
48. One day workshop on Engineering and Technology of developing internationally publishable research papers, 27th July 2017, at Bannari Amman Institute of Technology, Sathyamangalam
49. Workshop on Multimedia and Animations, 27th June 2017 to 28th June 2017, One Yes Technologies, Chennai at Bannari Amman Institute of Technology, Sathyamangalam
50. Cisco Networking Academy Conference India, Cisco Systems India Pvt Ltd, Bangalore jointly with Amrita Vishwa Vidyapeetham University, Coimbatore.
51. One day workshop on Engineering and Technology of developing internationally publishable research papers, 27th July 2017, at Bannari Amman Institute of Technology, Sathyamangalam
52. Workshop on App Development, 3rd-2nd March 2017, One Yes Technologies, Chennai at Bannari Amman Institute of Technology, Sathyamangalam
53. App development Workshop, 21st November 2016 to 22nd November 2016 at Bannari Amman Institute of Technology, Sathyamangalam
54. Code Optimization Workshop, 26th August 2016, at Bannari Amman Institute of Technology, Sathyamangalam
55. One Day Seminar on Adapt TestOutLabsim to Train IT IMS Skills, 15th September 2016, at Bannari Amman Institute of Technology, Sathyamangalam
56. One day Workshop on Twitter Literacy Programme, 27th August 2016 at Bannari Amman Institute of Technology, Sathyamangalam
57. Workshop on Global IPD Week, June 2016, Technical Field Engagement team of CISCO, 31st May 2016 to 3rd June 2016
58. iOS App development Workshop (Preparatory Session), 6th February 2016, at Bannari Amman Institute of Technology, Sathyamangalam
59. iOS App development Workshop, 13th February 2016, 05th March 2016 to 06th March 2016, 19th March 2016, 16th April 2016 to 17th April 2016, 14th May 2016 at Bannari Amman Institute of Technology, Sathyamangalam
60. Two-week ISTE STTP workshop on “Introduction to Design of Algorithms” conducted by Indian Institute of Technology, Kharagpur jointly with National Mission on Education
61. through ICT (MHRD) held from 27th April to 30th May 2015 at Bannari Amman Institute of Technology, Sathyamangalam

62. Two day RBT Workshop conducted by the Department of Computer Science and Engineering held on 23rd and 24th February 2015 at Bannari Amman Institute of Technology, Sathyamangalam
63. Workshop on “Multimedia and Animation” conducted by the Department of Computer Science and Engineering held on 26th and 27th August 2014 at Bannari Amman Institute of Technology, Sathyamangalam
64. Two-week ISTE workshop on “Computer Programming” conducted by Indian Institute of Technology, Bombay jointly with National Mission on Education through ICT (MHRD) held from 20th May to 21st June 2014 at Bannari Amman Institute of Technology, Sathyamangalam
65. Cisco Networking Academy Instructor Conference and Retooling Workshop conducted by Cisco Inc. Sys, Bangalore held on 23rd August 2013 at The Residency Hotel, Coimbatore.
66. One day Yoga Programme – Introductory Lecture on “ART OF LIVING” conducted by the Department of Computer Science and Engineering held on 28th March 2013 at Bannari Amman Institute of Technology, Sathyamangalam
67. DRDO Sponsored National Seminar on “Recent Research Application of Support Vector Machines” conducted by the Department of Computer Science and Engineering held on 28th and 29th December 2012 at Bannari Amman Institute of Technology, Sathyamangalam
68. One day Training Programme on Open Source Software conducted by the Department of Computer Science and Engineering held on 21st November 2012 at Bannari Amman Institute of Technology, Sathyamangalam
69. CSIR sponsored National Workshop on “Recent Trends in Multimodal Biometric System” conducted by the Department of Computer Science and Engineering held on 26th and 27th July 2012 at Bannari Amman Institute of Technology, Sathyamangalam
70. Two day workshop on Personality Effectiveness Programme (PEP) conducted by the Department of Computer Science and Engineering held on 6th and 7th October 2012 at Bannari Amman Institute of Technology, Sathyamangalam
71. One day workshop on “Reinforcement session of Language Development Programme” conducted by the Department of Computer Science and Engineering held on 21st April 2012 at Bannari Amman Institute of Technology, Sathyamangalam
72. One day workshop on “III Module of Language Development Programme” conducted by the Department of Computer Science and Engineering held on 11th and 12th April 2012 at Bannari Amman Institute of Technology, Sathyamangalam
73. Cisco Networking Academy Retooling Workshop conducted by Cisco Inc. Sys, Bangalore held on 29th July 2011 at Hotel Rathna Regent, Avinashi Road, Coimbatore
74. CSIR Sponsored National Seminar on “Security Intelligence for Global Applications” conducted by the Department of Computer Science and Engineering held on 27th and 28th May 2011 at Bannari Amman Institute of Technology, Sathyamangalam
75. ICMR Sponsored National Seminar on “Applications of Soft Computing in Medical Image Processing” conducted by the Department of Computer Science and Engineering held on 4th and 5th March 2011 at Bannari Amman Institute of Technology, Sathyamangalam
76. CSIR Sponsored National Seminar on “Heuristic Optimization Techniques for Engineering and Research Applications” conducted by the Department of Computer Science and Engineering held on 24th and 25th September 2010 at Bannari Amman Institute of Technology, Sathyamangalam
77. CSIR Sponsored National Seminar on “Heuristic Optimization Techniques for Engineering and Research Applications” conducted by the Department of Computer Science and Engineering held on 24th and 25th September 2010 at Bannari Amman Institute of Technology, Sathyamangalam
78. Faculty Development Programme on “Certificate in .NET Programming” conducted by ICT Academy of Tamil Nadu jointly with Microsoft, Bangalore at PSG College of Technology, during 29th May to 5th June 2010

79. Cisco SAARC Academy meet 2010 event conducted by Cisco Inc. Sys, Bangalore held on 26th March 2010 at Taj Residency, Bangalore
80. Faculty Training Programme on “Essentials of .NET” conducted by ICT Academy of Tamil Nadu jointly with Microsoft, Bangalore at Jayam Engineering College, Dharmapuri, during 27th and 28th January 2010
81. Workshop on “Open Source Tools for Research in Data Mining” conducted by the Department of Computer Science and Engineering held on 28th November 2009 at Bannari Amman Institute of Technology, Sathyamangalam
82. Workshop on “Wireless Networks and Security Applications Using QUALET 4.5” during October 31st 2009 organized by the Department of Electronics and Communication Engineering and Applied Digital MicroLogics India Pvt. Ltd., Coimbatore at Bannari Amman Institute of Technology, Sathyamangalam
83. FDP on “Industrial Perspective of Java Programming Language and Web Technology” conducted by the Department of Computer Science and Engineering held on 18th and 19th August 2009 at Bannari Amman Institute of Technology, Sathyamangalam
84. Workshop on “Advanced Developer Technologies” organized by Microsoft Corporation, Bangalore at Sri Krishna College of Engineering and Technology, Coimbatore during 24th April 2009
85. National Seminar on “Advances in Applied Mathematics” held on 23rd March 2009 at the Department of Applied Mathematics, Bharathiar University, Coimbatore
86. One Day National Level Doctoral Symposium on Information Technology organized by the School of Computer Science and Engineering during 30th March 2009, Bharathiar University, Coimbatore
87. Faculty Development Programme on “Free/Open Source Software (FOSS)” held at Sri Krishna College of Engineering and Technology, Coimbatore during 5th and 6th September 2008
88. Workshop on “Thrust Areas of Research and its methodologies in Information Technology” on 17th March 2007 organized by Department of Computer Science and Engineering and Information Technology, Government College of Technology, Coimbatore
89. Workshop on “Networks Lab” organized by the Department of Electronics and Communication Engineering jointly with TETCOS, Bangalore during 13th November 2006 at Sri Krishna College of Engineering and Technology, Coimbatore

SEMINAR/WORKSHOP/ CONFERENCE ORGANIZED

S. No.	Date	Title of the Seminar/Workshop Organized	National / International
1.	20 th & 21 th January 2012	CSIR sponsored Two-day National Seminar on Smart Antennas in Fourth Generation Wireless Systems: Research Trends and Issues	National
2.	26 th & 27 th July 2012	CSIR sponsored Two-day National Workshop on Recent Trends in Multimodal Biometric System	National
3.	21 st & 22 nd February 2019	IEEE sponsored International Conference on Intelligent Sustainable Systems (ICISS-2019)	International
4.	08 th & 09 th August 2019	CSIR sponsored Two-day National Workshop on Bigdata Analytics using Hadoop	National

VALUE ADDED COURSE ORGANIZED

S. No	Cisco Instructor	Course and Module Name	From	To
1.	Dr. N.B. Mahesh Kumar	CCNA - Module I (Introduction to Networks)	01.10 2016	31 .03 2017
2.		CCNA - Module II(Routing and Switching Essentials)	12.06.2017	22.02 2018
3.		CCNA - Module I (Introduction to Networks)	28.06 2017	22.02 2018
4.		CCNA - Module II(Routing and Switching Essentials)	08.02.2018	31.08 2018

SEMINAR/WORKSHOP PROPOSAL SUBMISSION

S. No.	National Seminar/Workshop Submitted	Faculty Name	Agency	Year
1.	Future Innovations in Networks and Information Security	Dr. P.Thangaraj N.B. Mahesh Kumar	AITCE	2011
2.	Robust Machine Learning Technique for Biometric Recognition	Dr. P.Thangaraj N.B. Mahesh Kumar	TNSCST	2011
3.	Recent Advancements in Semantic Web Engineering: Tools and Applications	Dr. P.Thangaraj N.B. Mahesh Kumar	DST	2011
4.	Smart Antennas in Fourth Generation Wireless Systems: Research Trends and Issues	Dr. P.Thangaraj M.Pandi N.B. Mahesh Kumar	CSIR	2011
5.	Research Challenges in Image and Pattern Analysis	Dr. P.Thangaraj N.B. Mahesh Kumar	TNSCST	2012
6.	Wavelets and its Application in Image Processing	Dr. P.Thangaraj N.B. Mahesh Kumar	BRNS	2012
7.	Semantic Applications Web Engineering: Tools and Engineering	Dr. P.Thangaraj N.B. Mahesh Kumar	DRDO	2012
8.	Research Challenges in Mobile Computing for Medicine	Dr. P.Thangaraj N.B. Mahesh Kumar	BRNS	2013
9.	Computational Analysis and Pattern Recognition in Image Processing	Dr. P.Thangaraj N.B. Mahesh Kumar	DRDO	2013
10.	Component Analysis Techniques for Image Classification in Computer Vision	N.B. Mahesh Kumar	BRNS	2013
11.	DNA Microarray Data Analysis using R/Bioconductor and Next Generation Computing	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar Dr. R.Balamurugan M.Pandi	DBT	2016
12.	Research Challenges in Speckled Computing and Specknets	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar M.Pandi	SERB	2016
13.	Research Challenges in Speckled Computing and Specknets	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar T.Kumaresan	CSIR	2016
14.	Big Data and Deep Learning	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar	Meity	2017

15.	Deep Learning Techniques in Big Data Analytics	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar	CSIR	2017
16.	Industry Standard 4.0 - Disruptive Technology Summit	Dr. P.Thangaraj Dr. N.B. Mahesh Kumar Dr. N.Sadhasivam	DBT	2018
17.	Bigdata Analytics Using Hadoop	Dr. A.Ramesh Dr. N.B.Mahesh Kumar	CSIR	2019
18.	Internet Of Things(Iot) Applications	Dr. N.B.Mahesh Kumar	ISTE	2020

NPTEL Courses Completed

- ❖ NPTEL Online Certification of 8-week Course in Design and Analysis of Algorithms, funded by the Ministry of HRD, Govt. of India from August – October 2018.
- ❖ NPTEL Online Certification of 8-week Course in Database Management Systems funded by the Ministry of HRD, Govt. of India from January to April 2019.
- ❖ NPTEL Online Certification of 12-week Course in Operating System Fundamentals funded by the Ministry of HRD, Govt. of India from July to October 2019.

GUEST LECTURE/ FDP ORGANIZED

- ❖ Placement Awareness Programme was conducted by Sr. Territory Manager, HireMee, Bangalore for final year students on 04.07.2018.
- ❖ Online Skill Assessment Test was conducted by Sr. Territory Manager, HireMee, Bangalore for final year students on 05.07.2018.
- ❖ A Guest lecture about Recent Trends in IT Industry by Mr. SabarinathanMuthu, Executive Manager, Gateway Software Solutions, Coimbatore, Python and Networking by Mr. A.Jaiger, Managing Director, Stornics, Coimbatore on 13.07.2018.
- ❖ A Guest lecture about Cloud Computing by Mrs. A.FlorenceReena, Associate Technical Lead, CTS, Coimbatore on 08.09.2018.
- ❖ A Guest lecture about Image Processing by Mr. Karthick Shankar, MATLAB Software Developer, Blue Mount Technologies, Coimbatore on 02.02.2019.
- ❖ CSE Association was inaugurated by Mr. MadhanBabuBhoopal, Technical Lead, Robert Bosch Engineering and Business Solutions Ltd, Coimbatore on 16.02.2019.
- ❖ A Guest lecture about Web Development by Mr. M.Kumar, Central Manager, LIVEWIRE, Tiruppur on 23.02.2019.
- ❖ Faculty Development Program on “Presentation Skills”, The Resource person was Mr Aman Tyagi from the Corporate Social Responsibility (CSR) team of Tata Consultancy Services, Chennai on 29.10.2018.