C.NELSON KENNEDY BABU
Mobile: 09994488669 & 6383963489**; E-Mail:** cnkbabu63@gmail.com

A dedicated & knowledgeable administrator, seeking senior level assignments in Teaching / Administration with an organisation of high repute, preferably in Education sector

PROFILE SUMMARY

A seasoned professional with 30 years of experience in Teaching, Training, Administration and Student Management. Successfully taught Computer Graphics, Image Processing, Operating Systems, Advance Database Management Systems, Principles & Current Trends in Information Technology, Data Structures, Grid and Cloud Computing and All Programming Languages. Wrote a book on Computer Programming, Visual Programming, Programming with C and Fundamentals of Computing and Programming; also edited the Proceedings of International Conference on Advance Communication & Computing – ICACC 2007. A keen planner & implementer with track record of implementing operational policies/norms, systems & controls, motivational schemes & education standards during the career span.

Dedicated and self-motivated leader with proficiency in handling the administrative activities entailing event management, faculty appraisal/training and upholding of the institution's motto. Dexterous in ensuring compliance to quality measures and maintenance of appropriate requisite documentation as well as records. Experience & skills in developing curriculum to accommodate different learning styles & maximizing students' comprehension; participated and organised Conferences and Seminars. Exercises judgment within generally defined practices in selecting methods & techniques for obtaining solutions. Effective communicator with excellent relationship management skills and strong analytical, problem solving & organizational abilities.

Proficiency Forte:

~ Strategy Planning	~ Teaching & Operations	~ Student Management
~ General Administration	~ Curriculum Development	~ Training & Development
~ **NBA** – Coordinator and Lead	~ **NAAC** – IQAC - Director	

PUBLICATIONS JOURNAL

- S. Ranathive, Nelson Kennedy Babu C, Miretab Tesfayohanis, S.Sivakumar, "Gene Expression Data Clustering Using Improved K-Means Algorithm", Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 7 July 2021 :12673–12686.
- C. Nelson Kennedy Babu, W. Deva Priya, T. Srihari, R. Nandakumar, International Journal on Emerging Technologies 11(3) "Speed-bump Detection using Otsu's Algorithm and Morphological Operation", ISSN No. (Print): 0975-8364 ISSN No. (Online): 2249-3255 11(3): 989-994(2020)
- W. Deva Priya, T. Srihari, C. Nelson Kennedy Babu, "Effective Crop Loss Assessment for Picture Based Insurance Claim", Volume 83, Page Number: 11605 – 11610, March - April 2020
- Dr. C. Nelson Kennedy Babu, Dr. Padmalal S, "Diagnosing Daibetic Retinopathy In Digital Fundus Images Using Point Transformed Hessian Maxmin Pooling", JOURNAL OF CRITICAL REVIEWS, VOL 7, ISSUE 16, 2020.
- Lakshmi Dheeraj, Dr. Nelson, "Clickbait Identification in Social Media Text using LSTM based Approach", International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 02, 2020 ISSN: 1475-7192.
- Sheik Majeet, Dr. C. Nelson Kennedy Babu, "Gaussian Noise Removal in an Image using Fast Guided Filter and its Method Noise Thresholding in Medical Healthcare Application", International Journal of Medical Systems, **Springer** Nature, DOI : 10.1007/s10916-019-1376-4, JOMS-D-19-00434R1 (accepted for publication, 2019), (Anna University listed Journal).
- C. Aparna and Dr. C. Nelson Kennedy Babu, "A New Adaptive Broadcast Scheduling Algorithm in MANETs Using Good Neighbor Node Detection Approach", International Journal of Applied Mathematics and Information Sciences, No. S1 (Aug. 2019), Pp157-164. (Anna University listed Journal)-ISI Impact Factor 2013 : 1.232 JCR 2013, RG Impact Factor 0.94 RG2015, 2018 Web of Science Citations, h –index 21.
- S. Radha and Dr. C. Nelson Kennedy Babu, "Enterprise Bigdata Analysis using SVM Classifier and Lexicon Dictionary", International Journal of Enterprise Network Management, 2019. (Anna University listed Journal)
- Aparna, **C**, Nelson Kennedy Babu, C & Radha, S 2018, 'Establishing Security in MANET Using Friend Based Adhoc Routing Algorithms', has been published in Journal of Computer Science Engineering and Software Testing, vol. 4, no. 1. (Anna University listed Journal)

- Joe Arun Raja P, Dr. C.Nelson Kennedy Babu, "Novel MRI Image Biomarker Segmentation Using Fuzzy Neutrosophic Confidence Region Growing Algorithm" International Journal of Applied Engineering Research, Volume 13, Number 22 (2018) pp. 15749-1575. (UGC listed journal)
- Balu S, Amudha, K, Nelson Kennedy Babu, C, "Secure and efficient data transmission by video steganography in medical imaging system" Cluster Computing, https://doi.org/10.1007/s10586-018-2639-4, **Springer** Science+Business Media, LLC, part of Springer Nature 2018.
- Aparna, **C**, Nelson Kennedy Babu, C & Radha, S., 2018, 'Establishing Security in MANET Using Friend Based Adhoc Routing Algorithms', Journal of Computer Science Engineering and Software Testing, vol. 4, no. 1. Pp. 1-6. (Anna University Listed Journal)
- M.Sukumar, and Nelson Kennedy Babu C. "LIST Algorithm: Lineament Identification and Stockworks targeting within ASTER Satellite Image", Institute of Integrative Omics and Applied Biotechnology (IIOAB). Indexed in Thomson Reuters. (SJR: 0.119, IF: 0.55, H Index: 10).
- Amudha K, Balu S, Nelson Kennedy Babu, C, "Hybrid Baker Map With Aes In Cipher Block Chaining Mode In Medical Images", International Research Journal Of Pharmacy, ISSN 2230 – 8407, 2017, 8 (4)
- Priya V, Nelson Kennedy Babu C, "Moving average fuzzy resource scheduling for vitualized cloud data services", Computer Standards & Interfaces, 50, (2017) pp. 251-257, DOI information: 10.1016/j.csi.2016.10.011, ISSN: 0920-5489, **ELSEVIER SCIENCE** BV. (Annexure I - Updated List – 2016).
- W. Devapriya and C. Nelson Kennedy Babu, "Indian Traffic Sign Recognition Using HSV Color Model and Kernel Extreme Learning Machine", International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 5, December 2016, pp 3381-3391. Annexure – I.
- Joe Arun Raja Ponnusamy, Nelson Kennedy Babu C, "Joint Probabilistic Seed Selection based fuzzy Region Growing Algorithm to Segment Tumour on Brease MRI" International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 2, December 2016, pp 1428-1437. Annexure - I
- Devapriya, W., Nelson Kennedy Babu, C. and Srihari, T. "Real Time Speed Bump Detection Using Gaussian Filtering and Connected Component Approach", Circuits and Systems, July 2016, Pages: 2168-2175. Annexure – I
- M.Sukumar, and Nelson Kennedy Babu C. "LIST Algorithm: Lineament Identification and Stockworks targeting within ASTER Satellite Image", Institute of Integrative Omics and Applied Biotechnology (IIOAB). Indexed in Thomson Reuters. (SJR: 0.119, IF: 0.55, H Index: 10)
- Priya, V, Nelson Kennedy Babu C., 2016, 'Probabilistic Deterministic Load Balancing Analysis for File Sharing in Cloud Environment', Asian Journal of Research in Social Sciences and Humanities, vol. 6, no. 6, pp. 1908-1923, (Annexure I - Updated List – 2016)
- Priya, V, Nelson Kennedy Babu, C 2016, 'A Survival Study on Efficient File Sharing in Virtual Cloud Servers with Load Balancing and Virtualization Techniques', Middle-East Journal of Scientific Research, vol. 24, pp. 103-108.(Annexure II).
- Amudha, K, Balu S, Nelson Kennedy Babu, C, "Enhancing Security and Authentication in Medical Image through ROI based Watermarking Scheme" Asian Journal of Research in Social Sciences and Humanities, vol. 6, no. 6, Special Issue June 2016, pp. 246-258, ISSN 2249-7315, DOI Number: 10.5958/2249-7315.2016.00393.2, (Annexure I - Updated List – 2016)
- M. Rajendiran, C. Nelson Kennedy Babu, "Lightweight Cryptographic MTDAS Algorithm for Wireless Sensor Network Devices", Asian Journal of Research in Social Sciences and Humanities and Humanities Vol. 6, No. 8, August 2016, pp. 682-695, (Annexure I - Updated List – 2016)
- S.Balu, K. Amudha, C. Nelson Kennedy Babu, "Enhancing Security and Privacy Authentication for Video Streaming using Data Extracting Video File Selection", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 9, September 2016, pp.2209-2219, (Annexure I - Updated List – 2016)
- S. Jayachitra, Nelson Kennedy Babu C., Energy Efficient Polynomial Time Resource Channelized Framework for Data Communication in MANET, Asian Journal of Information Technology , 2016, Vol. 15, Issue 12, pp: 1987-1995, ISSN:1682-3915, Annexure-I.
- Syed Musthafa, C. Nelson Kennedy Babu," Intrusion Detection using Information Gain Self Adaptive Elliptic Key in MANET", Asian Journal of Research in Social Sciences and Humanities ,Vol. 6, No. 10, October 2016, pages 1748-1765, (Annexure I - Updated List – 2016)

- A Syed Musthafa, Nelson Kennedy Babu C and R. Kasthuri, "Token Ring Based Co-Operative Bait Detection for Both Selfish and Malicious Node Attacks In Ad Hoc Network Communication", Middle-East Journal of Scientific Research 24 (Techniques and Algorithms in Emerging Technologies) 2016, pages 121-126

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- A.Syed Musthafa, C. Nelson Kennedy Babu and A.Manikandan, "Improving Performance of Intrusion Detection System using Hybrid key cryptographic in MANET", International Journal of Applied Engineering Research, Vol. 10 No.38 2015, pages 28557 – 28563.

- W.Devapriya, C.Nelson Kennedy Babu, T.Srihari, "Indian License Plate Detection and Recognition Using Morphological Operation and Template Matching", World Academy of Science, Engineering and Technology International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol:9, No:4, 2015, Pages:1008 – 1014.

- S. Jayachitra, Nelson Kennedy Babu C., Energy Efficient Polynomial Time Resource Channelized Framework for Data Communication in MANET, Asian Journal of Information Technology , 2016, Vol. 15, Issue 12, pp: 1987-1995, ISSN:1682-3915, Annexure-I.

- Prabhakaran, P., Nelson Kennedy Babu C., "Cluster Based Architecture for Localization and Tracking in Wireless Sensor Network", Journal of Computer Science 10 (5): 840-843, 2014 doi:10.3844/jcssp.2014.840.843 Published Online 10 (5) 2014.

- P. Prabaharan, Dr. C. Nelson Kennedy Babu, "Efficient Tracking Using Hybrid Clustering and Low Power Prediction Mechanism", Australian Journal of Basic and Applied Sciences, 9(7) April 2015, Pages: 794-802.

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- Padmalal. S, C. Nelson Kennedy Babu, "Diagnosing Diabetic Retinopathy in Digital Funds Images Using Sustain Quantity Contraption Mechanism", Journal of Convergence Information Technology (JCIT), Volume 9, Number 6 , November 2014, PP 117-129.

- A. Mohamed Anwar, C. Nelson Kennedy Babu, "Neighborhood-based Segmentation of Biomedical Images using Binomial Classifier Tree", Journal of Theoretical and Applied Information Technology, ISSN: 1992-8645, November 2014. Vol. 69 No.1, pp 40-49.

- Padmalal. S, C. Nelson Kennedy Babu, "A Comprehensive Review of Early Detection of Diabetic Retinopathy from Digital Fundus Images", International Journal of Computer Trends and Technology (IJCTT), Volume 15, Number 1 , September 2014, PP 1-10.

- Sukumar. M,Venkatesan N and Nelson Kennedy Babu C, "A review of Various Lineament Detection Techniques for high resolution Satellite Images", International Journal of Advanced Research in Computer Science and Software Engineering, ISSN 2277 128X, Volume 4, Issue 3, March 2014

- Padmalal S., Nelson Kennedy Babu C., "Automatic Feature Extraction Using Replica Based Approach in Digital Fundus Images", International Review on Computers and Software (I.RE.CO.S.), Vol. 8, N. 12, ISSN 1828-6003 December 2013, PP 2917 – 24.

- Padmalal. S, C. Nelson Kennedy Babu, "Efficient Diabetic Retinopathy Space Subjective Fuzzy Clustering In Digital Fundus Images", IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661, p- ISSN: 2278-8727, Volume 11, Issue 3 (May. - Jun. 2013), PP 42-50.

- B. Mohamed Jabarullah, Sandeep Saxena, Dr. C. Nelson Kennedy Babu, "Hybrid Approach of Face Recognition", International Journal of Technology and Management (IJTM), ISSN: 2278 – 0661, ISBN 2278 - 8727, Vol: 6, No. 1, Oct 2012 – Mar. 2013, PP 6-12

- B. Mohamed Jabarullah, Sandeep Saxena, Dr. C. Nelson Kennedy Babu, "Survey on Noise Removal in Digital Images", IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278 – 0661, ISBN 2278 - 8727, Vol: 6, Issue: 4, Sep – Oct. 2012, PP 45-51

- RAMESHKAIT, KULDEEP KHERWAL and C. NELSON KENNEDY BABU, "Wireless Adhoc Networks Security Principles, Issues & Applications" , Global Journal of Computer Science and Technology Network, Web & Security, Volume 12 Issue 11 Version 1.0 June 2012, Online ISSN: 0975-4172 & Print ISSN: 0975-4350

- RAMESHKAIT, KULDEEP KHERWAL and C. NELSON KENNEDY BABU, "Vehicular Ad Hoc Networks for Security Aspects", Journal of Computer Science and Information Technology, Volume 3 (1&2), 27-34, (2012)

- C. Nelson Kennedy Babu*, "A Novel Approach for Segmentation of Text from Compound Images", International Journal of Imaging Science and Engineering (IJISE), GA,USA,ISSN:1934-9955,VOL.2,NO.1, Jan 2008, pp: 139-141

- C. Nelson Kennedy Babu*, Krishnan N, "An Efficient Geometric feature based License Plate Localization and Recognition", International Journal of Imaging Science and Engineering (IJISE), GA,USA,ISSN:1934-9955,VOL.2, NO.1, April 2008, pp: 1-6

- Krishnan N, C. Nelson Kennedy Babu, "A License Plate Localization and Character Segmentation with two stages Recognition", International Journal of Imaging Science and Engineering (IJISE)
- C. Nelson Kennedy Babu, Krishnan N, "A License Plate Recognition with Priori Knowledge using Neural Network", International Journal of Imaging Science and Engineering (IJISE)

- Krishnan N, C. Nelson Kennedy Babu, "A License Plate Localization using Morphololoy and Recognition", International Journal of Imaging Science and Engineering (IJISE).(Reported for Publication)

- R. K. Selvakumar, C. Nelson Kennedy Babu, "A Non-Linear Iterative Impulse Noise Removal" International Journal of Imaging Science and Engineering (IJISE), GA, USA, ISSN:1934-9955,VOL.2,NO.1, July 2008, pp: 113-114.

Sep 19 – Till date: Professor – CSE, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai, Tamil Nadu.
Handling Subjects for B.E/B.Tech./M.E

July 18 – Sep 19 : Professor – CSE/DEAN, SMK Fomra Institute of Technology, Chennai, Tamil Nadu.
Handling Subjects for B.E/B.Tech./M.E

Nov 15 – June 18 : Professor/Head of Department with Dhanalakshmi Srinivasan College of Engineering, Coimbatore, Tamil Nadu.
Handling Subjects for B.E/B.Tech./M.E

June 15 – Nov 15 : Professor/Dean CSE of Department with EASA College of Engineering and Technology, Coimbatore, Tamil Nadu.
Handling Subjects for B.E/B.Tech./M.E

June 14 – May 15 : **Professor/ Principal with Thamirabharani Engineering College, Tirunelveli, Tamil Nadu**
Handled subjects for B. E.

Sep'12 – May 14: Professor/ Principal with CMS College of Engineering, Namakkal, Tamil Nadu
Handled subjects for B. E. / M. E.

Aug'11-Aug'12: Dean R&D/Professor-CSE, Sree Sowdambika College of Engineering, Aruppukottai, Tamil Nadu
Handled Subjects for B.E/B.Tech./M.E.

Jun'08-Jul'11: Professor/Principal, CMS College of Engineering, Namakkal, Tamil Nadu
Handled Subjects for B.E/B.Tech.

Sep'96-Apr'08: Professor with Sethu Institute of Technology, Kariapatti, Tamil Nadu
Handled B.E./ B.Tech., M.Sc. (Software Engg.) and M.Sc. (Information Tech.)

Role:
- Performing a variety of administrative duties and implementing operational plans for ensuring the smooth running of the organization; accountable for designing the pedagogy and planning the academic calendar
- Providing leadership to teaching and administrative staff ensuring high quality of teaching
- Spearheading curriculum planning, professional development and the implementation of educational programs
- Reviewing the pre-set educational goals, objectives, classroom instructional programs, establishing academic and other performance objectives
- Conducting research in specialization and publishing of findings in scholarly journals or conference proceedings.
- Serving in faculty committees, dealing with matters like curriculum planning and degree requirements.
- Planning and organizing day-to-day activities and resolving procedural problems as appropriate to the timely completion of objectives
- Setting educational standards & goals, developing educational quality management systems; establishing policies and procedures to carry them out, also preparing a college/university for quality **audit/accreditation**

Accomplishments:

Ph. D Supervision

- Anna University Ph. D. Supervisor No. 2840174

- Manonmanium Sundaranar University, Tirunelveli.
- Awarded Candidates   : 14

S. No.	Name of the Scholar	Title of the Thesis	Faculty	Year of Award/ University
1.	S. JAYACHITRA	Secured Energy Efficient Qos Routing and Data Communication in Mobile Adhoc Network	Information and Communication Engineering	2018/Anna University, Chennai.
2.	P. PRABAHARAN	Energy Efficient Target Tracking Framework Using Hybrid Clustering And Low Power Prediction Mechanism.	Information and Communication Engineering	2018/Anna University, Chennai.
3.	A. SYED MUSTHAFA	Investigation on Self Key Cryptography and Co Operative Bait Based Intrusion Detection in Mobile Ad Hoc Network against Selfish and Malicious Nodes	Information and Communication Engineering	2017/Anna University, Chennai.
4.	W. DEVAPRIYA	An Intelligent Vehicle / Driver Assistance System for Speed Bump Detection and Traffic Sign Recognition	Information and Communication Engineering	2017/Anna University, Chennai.
5.	V. PRIYA	Load Balancing and Virtualized Distributed Data Mining Techniques for Efficient File Sharing in Multiple Cloud Servers	Information and Communication Engineering	2017/Anna University, Chennai.
6.	K. AMUDHA	Enhancement of Information Hiding and Security Techniques in Medical Images	Information and Communication Engineering	2017/Anna University, Chennai.
7.	M.RAJENDIRAN	A Study on Information Security Using Multilanguage	Information and Communication Engineering	2017/Anna University, Chennai.
8.	S. PADMALAL	A Study on Developing efficient approaches for Detection of Diabetic Retinopathy from Fundus images	Information and Computer Engineering and Technology	2015/ Manonmanium Sundaranar University, Tirunelveli.
9.	B. MOHAMED JABARULLAH	Face Recognition using Saliency Segmentation with KMGA-BPNN Hippoamy Algorithm	Information and Computer Engineering and Technology	2017/ Manonmanium Sundaranar University, Tirunelveli.
10.	M. SUKUMAR	Minerals Targeting by Detecting Faults Intersection Zones within Aster Satellite Images	Information Technology	St. Peter's Institute of Higher Education and Research
11.	S. Balu	Secure and Effectual Data Transmission in Video Steganographic System using Frame Selection Techniques.	Information and Communication Engineering	2019/ Anna University, Chennai.
12.	S. RADHA	An Enhancement of Cloud Based Sentiment Analysis Using SVM based Lexicon Dictionary and Adaptive Resource Scheduling	Information and Communication Engineering	2020/ Anna University, Chennai.
13.	APARANA	A New Adaptive Broadcast Scheduling Algorithm in MANETs	Information and Communication Engineering	2020/ Anna University, Chennai.

		Using Good Neighbor Node Detection Approach			
14.	JOE ARUN RAJA P	A STUDY ON ADAPTIVE REGION GROWING IMAGE SEGMENTATION ALOGRITHMS FOR MRI MAMMOGRAPHY	Information and Computer Engineering and Technology	2020/ Manonmanium Sundaranar University, Tirunelveli.

CMS College of Engineering
- Recognised as the Member in the Board of B.E/ B.Tech./ M.Sc. (Software Eng.) Examinations
- Serving as Supervisor for Ph.D. in:
  - Anna University of Technology, Coimbatore
  - Manonmaniam Sundaranar University, Tirunelveli
  - St. Peter's University, Chennai

Sethu Institute of Technology
- Worked as:
  - HOD of Department of Information Technology
  - Controller of Examination
  - Technical Officer

Dhanalakshmi Srinivasan College of Engineering
Worked as
  - HOD of Department of Computer Science and Engineering
  - **Worked for NBA** to get 3 years Accreditation for CSE department as a Lead
  - 10 Ph. D scholars got awarded.

SMK Fomra Institute of Technology
Worked as
  - Dean for CSE and EEE
  - NAAC work Coordinator
  - **NAAC - IQAC – Director**
  - In charge NPTEL – SWAYAM Chapter
  - NDL Coordinator
  - Worked for All India Survey on Higher Education (AISHE)

Memberships:
- Member in the Board of B.E/ B.Tech./ M.Sc. Examinations of Anna University, Chennai, Tamil Nadu
- Member in the Board of Information Technology, Annamalai University, Chidambaram, Tamil Nadu
- Member in the Board of B.E/ B.Tech. Examinations of Karunya deemed University, Coimbatore and Tamil Nadu
- Member in the Board of Computer Science and Information Technology of Meenakshi College (Autonomous) Madurai, Tamil Nadu
- Member of ISTE (Indian Society for Technical Education), IEEE and CSI (Computer Society of India)

PREVIOUS EXPERIENCE

Jun'95 - Sep'96: Lecturer with MSEC, Kilakarai

Jun'87-Apr'95: Computer Programmer with Mohamed Sathak Eng. College (MSEC), Kilakarai

PART-TIME EXPERIENCE

2004-2011: Visiting Faculty with CITE (Centre for Information Technology and Engg.), Manonmaniam Sundaranar University, Tirunelveli for M.Tech.
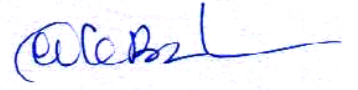
EDUCATION

- Ph.D. in Image Processing from Madurai Kamaraj University, Madurai in 2009
- M.Tech. from Computer & Information Technology from Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu with 81% (Distinction)in April 2004
- M.Sc. in Computer Sciences from Kamaraj University, Madurai with 65% in 1995
- B.Sc. in Physics from Kamaraj University, Madurai with 60% in 1984

PERSONAL DETAILS

Address: 89/16 Aruppukottai Road, Virudhunagar – 626001, Tamil Nadu
Date of Birth: 21st May, 1963

Refer to the annexure for Paper Presentations in conferences and Development Programs Attended

Signature of the Candidate

PAPER PRESENTATIONS

- Joe Arun Raja Ponnusamy, Nelson Kennedy Babu C, "Adaptive Region Growing Image Segmentation Algorithms for Breast Cancer", 2nd AMDI International ONCOLOGY and MEDICAL PHYSICS **Symposium** Advancing Cancer Care, Fostering Cancer Research, organised by Advanced Medical and Dental Institute, Universiti of SAINS, **Malaysia** – 1st-3rd march, 2019.
- P. Prabaharan, C. Nelson Kennedy Babu, ""Energy Efficient Object Tracking in Wireless Sensor Networks", Proceedings of International Conference on Adaptive Technologies for Sustainable Growth", ICATA-2014, ISBN: 978-93-5107-230-0, pp 95-101
- M. Rajendiran, B. Syed Ibrahim, R. Pratheesh, C. Nelson Kennnedy Babu, "Multilanguage Based SMS Encryption Techniques", Proceedings of International Conference on Advances in Computing Advances in Intelligent Systems and Computing Volume 174, 2012, pp 455-460
- C. Nelson Kennnedy Babu, M. Rajendiran, B. Syed Ibrahim, R. Pratheesh, "Multilanguage Block Ciphering Using 3D Array", Eco-friendly Computing and Communication Systems Communications in Computer and Information Science Volume 305, 2012, pp 255-261
- C. Nelson Kennedy Babu, Siva Subramaniam and Parasuram Kumar, "A Feature based approach for LPR of Indian License Plates, IEEE International Conference on Computational Intelligence and Research", 2010, pp 768-771
- C.Nelson Kennedy Babu, Krishnan Nallaperumal, A License Plate Localization using Morphology and Recognition, IEEE INDICON, 2008, In the proceeding of the Conference, pp 34-39
- Krishnan, N. Babu, C.N.K. Ravi, S. Thavamani, J., "Segmentation of Text from Compound Images", International Conference on Computational Intelligence and Multimedia Applications, 2007, ISBN: 0-7695-3050-8, pp: 526-528
- Krishnan N, C. Nelson Kennedy Babu, S.S.Vinsley et al , "New effective Iterative Demosaicing", International Conference on Advanced Computing and Communication, 2007, pp: 335-338
- Krishnan N, C. Nelson Kennedy Babu, S.Ravi et al, "Human Face Detection in Color Images using Mixed Gaussian Color Models", International Conference on Advanced Computing and Communication, 2007, pp: 394-397
- Krishnan Nallaperumal, R. K. Selvakumar, S. Rajapandian, K. Arulmozhi, C. Nelson Kennedy Babu, "A Wavelet Transform Based Digital Image Watermarking and Authentication", Proceedings of IEEE Conference – INDICON 2006
- N. Krishnan, C. Nelson Kennedy Babu and V.V. Joseph Rajapandian, "Color Image Segmentation using Fuzzy Similarity Measure and Fuzzy Homogeneity for MRI and PET Images", Proceedings of the International Conference on Cognition and Recognition, 2005, pp: 349-358

DEVELOPMENT PROGRAMS ATTENDED

- QIP – Short-term course on AI (Artificial Intelligence) & ES (Expert Systems) during June 25th to 29th, 2001, Conducted by the Department of CSE at IIT, Bombay
- ISTE – AICTE Short term course on Document Image Analysis and Recognition, Conducted by Department of CSE, P.E.S. College of Engineering, Mandya, Karnataka state during 15th to 27th July 2002
- ISTE – AICTE Short term course on Advanced Digital Image Processing, Conducted by The Department of Electronics and Communication, MepcoSchlenk Engineering College, Sivakasi, TamilNadu during 25th October to 5th November 2004
- Training the trainer programme conducted by ELCOT at Infosys Technologies Limited, Chennai, during 8th and 9th December 2006
- One Day Seminar on Grid Computing with Mathematics conducted by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli on 9th January 2007
- Workshop on Research in Speech and Image Processing conducted by Department of Computer Science and Engineering, Annamalai University, during 10th and 11th March 2007
- Workshop on Image Processing with IDL Programming on 21st September 2007
- Workshop on Effective Thesis Writing conducted by Department of English,VHNSN College, Virudhunagar
- Five days workshop on Image Processing with IDL Programming conducted by Centre of Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli during 21st to 25th November 2007

- National Seminar on Global Trends in Image Processing conducted by the Department of Computer Science and Engineering, Sethu Institute of Technology during 6th and 7th December 2007
- 3 days workshop on AI and Deep Learning Technologies during 14-16 September 2018, organized as a lead zonal partner of Nation-wide Initiative on Artificial Intelligence hosted by Bennett University and Director of NVIDIA-Bennett Research lab.

CHINNI SIR
23 yeqrs of prof. exp from niit with specialization in CSE published national and international jrnls -20 ,
Appreciated with uthama acharya award by Indian server with telengana & AP IT