FACULTY PROFILE



1. **Name : C.M.NAVEEN KUMAR**
2. **Date of Birth : 11-11-1988**
3. **Highest Qualifications: B.E.,M.Tech.,Ing.Paed.IGIP.,(Ph.D).,**
4. **Academic Performance :**

Degree	Specialization	Board / University	Institute	Year of passing	% marks
Ph.D	AffectiveComputing& Machine Learning	VTU, Belagavi	Malnad College of Engineering, Hassan	2023	--
Ing.Paed.IGIP	International Society for Engineering Pedagogy			2021	--
M.Tech	Computer Science & Engineering	VTU Belagavi	Malnad College of Engineering, Hassan	2015	79.2
B. E	Instrumentation Technology	VTU, Belagavi	Malnad College of Engineering, Hassan	2010	76.9
PUC	-	PU Board	Govt. PU College, Chikamagalur	2006	83.16
SSLC	-	KSE Board	Hoysala High School	2004	91.52

2. **E-Mail ID** :cmn@mcehassan.ac.in, cmnk.it@gmail.com

3. **Address for Communication:** Associate Professor
Department of Computer Science & Business System
Malnad College of Engineering
Hassan-573202
Mobile: 99021 28829

4. **Institution working** :Malnad College of Engineering, Hassan

a. Date of Joining :03-08-2010
b. Experience : 15 years and 1 month

5. **Present Status** :Associate Professor

6. Patents:

1. Title of the Indian Patent: "AI based hybrid aircraft for medicine deliveries in remote and disaster areas using IOT", Name of the Patent: Indian, Application No.202141061347 A, Date of filing of Application :28/12/2021, Publication Date : 04/02/2022
2. Title of the Indian Patent: "FACIAL EMOTION DETECTION USING SEMI-SUPERVISED MODIFIED SELFORGANIZING FEATURE MAP NEURAL NETWORK METHOD", Application No.202221027213 A, Date of filing of Application :11/05/2022, Publication Date : 24/06/2022.
3. Title of the Indian Patent: "Data science, AI, ML algorithms Based Paddy-Disease Avoidance system using DNN and Image Processing approach", Application No. 202241037444, Date of filing of Application : 29/06/2022, Publication Date : 08/07/2022.
4. Title of the Indian Patent: Classification of mental stress and psychological disorder from Electrocardiogram signals using machine learning approach, Application number: 202341020626, Publication date: 07/04/2023.
5. Title of the Indian Patent: ANALYSIS OF MENTAL HEALTH OF HIGH SCHOOL STUDENT IN EDUCATION SECTOR DURING PANDEMIC, Application No.202441007390 A, Date of filing of Application :03/02/2024, Publication Date : 08/03/2024.
6. UK Design Patent: Machine Learning-Based Stress Detection Device, Design application number: 6340493, Jan 2024.
7. UK Design Patent: Mental Stress Monitiring Smart Ring, Design number: 6338081, Grant date: 05 February 2024.
8. C.M .Naveen Kumar et. al Artificial Intelligence and IoT based smart health care system to prevent and detect all types of Heart disease APPLICATION NO:202441050789, 12/07/2024.

7. Funded Research Project:

Funding Agency:	VTU, Belagavi
Scheme:	VTU RGS 2021
Amount:	Rs. 5.00 Lakhs
Title of the Project:	Unveiling Human Emotions during post COVID-19 Pandemic
Investigators:	G Shivakumar & C M Naveen Kumar
Duration:	2 Years
Date of Proposal Sanctioned:	02/03/2022

8. Publications:

International Journals:

1. C.M .Naveen Kumar., Soundarya, B.C., Ambika, B.J. *et al.* Efficient emotion recognition from thermal faces using histogram and Hu features. *Discov Artif Intell* (2026). https://doi.org/10.1007/s44163-026-01818-8.
2. Sumanth V, Udayaprasad P K, Malathi S Y, Naveen Kumar C M, Arpitha T, Naidila Sadashiv, Revolutionizing UAVs: Tiny Machine Learning for Real-Time Decision Making, Procedia Computer Science, Volume 283, 2026, Pages 5100-5109, ISSN 1877-0509, https://doi.org/10.1016/j.procs.2026.06.563.
3. Chandini, S.B., Rajendra, A.B., Ravi, V. C.M .Naveen Kumar., et al. Efficient hybrid feature selection using intrinsic and metaheuristic optimization algorithm and classification of malware using ensemble learning algorithm. Cluster Comput 28, 1040 (2025). https://doi.org/10.1007/s10586-025-05743-w
4. C.M .Naveen Kumar et. al "Spearman's And Jaccard-Based Convolutional Deep Neural Learning For Early Parkinson's Diagnosis", International Journal of Intelligent Systems (Accepted), August 2025.
5. C.M .Naveen Kumar et. al "A Deep Learning Approach to Generate Thermal Images Synthetically for Emotion Recognition Applications", EKSPLORIUM – Buletin Pusat Teknologi Bahan Galian Nuklir, Vol. 46 No. 02 (2025): June 2025.
6. C. M. Naveen Kumar et. al "A Framework for Deepfake Detection using Convolutional Neural Network and Deep Features." Procedia Computer Science 258 (2025): 3640-3648.
7. C.M .Naveen Kumar et. al "A Novel Hybrid Dynamic Harris Hawks Optimized Gated Recurrent Unit Approach for Breast Cancer Prediction", International Journal of Computational Intelligence Systems, Nov, 2024.
8. C M Naveen Kumar.,et. al, Emotion Recognition Using Thermal Imaging and Physiological Variables" to EAI Endorsed Transactions on Scalable Information Systems, (Communicated).
9. C.M .Naveen Kumar et. al, "Design and development of VCU for REEV", International Journal of All Research Education & Scientific Methods, (IJARESM), IS SN No: 2455-6211,Volume 12,Issue 4, April-2024.
10. C M Naveen Kumar et. al, A Comparative Study of Automation, Machine Learning and Artificial Intelligence in the Field of Education, A Journal for New Zealand Herpetology (Web of Science), ISSN NO: 2230-5807,Vol 12 Issue 01 2023.
11. C M Naveen Kumar., G Shivakumar, "Relevance of Thermal Imaging and Respiration Signals in Recognizing Human Emotions", IJME, pp- 5166-5175, Vol. 7 No. 1 (January, 2022).
12. C M Naveen Kumar et. al, Performance of SALP Swarm Localization Algorithm in Underwater Wireless Sensor Networks, . Photonics 2022, 9, 984. https://doi.org/10.3390/ photonics9120984.
13. C M Naveen Kumar., G Shivakumar, "Sensor and Feature Level Fusion of

Thermal Image and ECG Signals in Recognizing Human Emotions", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S, December 2019.

14. C M Naveen Kumar, G Shivakumar, "A Survey on Human Emotion Analysis using Thermal Imaging and Physiological Variables", ISSN: 2394-0697, Vol-4, Issue-4, IJCESR, 2017.
15. G. Shivakumar, H.S.Murali, Mr. C.M. Naveen Kumar " Labview Based Specific Gravity Measurement", International Journal of Computer Applications (0975–8887), 2015.
16. C M Naveen Kumar, B Ramesh, G Shivakumar, "Android Based Autonomous Intelligent Robot for Border Security", IJISET, Vol 1, Issue 5, July 2014.
17. H S Mohana, G Shivakumar, Rajithkumar, C M Naveen Kumar "Era Identification and Recognition of Stone In-scripted Kannada Characters Using Artificial Neural Networks", International Journal of Engineering Research & Technology (IJERT), 2014, ISSN: 2278-0181.

Book Chapters:

1. Naveen Kumar, C.M., et. al, (2026). A Novel Approach to Human Fatigue Detection Based on Deep Learning. In: J, S., H L, G., Rahaman, S., Kaushik, K., Chaudhary, A., P, D. (eds) Data Science and Exploration in Artificial Intelligence. CODE-AI 2025. Communications in Computer and Information Science, vol 2689. Springer, Cham. https://doi.org/10.1007/978-3-032-19318-6_14
2. C M Naveen Kumar,, et al. "Human emotion classification using facial thermal features in the presence of mask." Data Science & Exploration in Artificial Intelligence. CRC Press, 2025. 45-53.
3. C M Naveen Kumar, et al. "Cardiovascular disease detection and implementation using machine learning techniques." Data Science & Exploration in Artificial Intelligence. AA Balkema, 2025. 257-264.
4. Naveen Kumar, C.M.,et al. "Framework Towards Detection of Stress Level Through Classifying Physiological Signals Using Blockchain Technology." Role of Internet of Everything (IOE), VLSI Architecture, and AI in Real-Time Systems. IGI Global Scientific Publishing, 2025. 403-416.
5. Naveen Kumar, C.M., Shivakumar, G. (2020). A Thermal Imaging Based Classification of Affective States Using Multiclass SVM. In: Abraham, A., Cherukuri, A., Melin, P., Gandhi, N. (eds) Intelligent Systems Design and Applications. ISDA 2018 2018. Advances in Intelligent Systems and Computing, vol 940, pp 53–63, Springer, Cham. https://doi.org/10.1007/978-3-030-16657-1_6.
6. Naveen Kumar, C.M., Shivakumar, G. (2019). A Real Time Human Emotion Recognition System Using Respiration Inhale-Exhale Temperature Patterns and ECG. In: Hemanth, J., Fernando, X., Lafata, P., Baig, Z. (eds) ICICI 2018. Lecture Notes on Data Engineering and Communications Technologies, vol 26, pp 822–833, Springer, Cham.https://doi.org/10.1007/978-3-030-03146-6_94.
7. Naveen Kumar, C.M., Shivakumar, G. (2018). A Real Time Human Emotion

Recognition System Using Respiration Parameters and ECG. In: Tiwary, U. (eds) Intelligent Human Computer Interaction. IHCI 2018. Lecture Notes in Computer Science, vol 11278, pp 36–45, Springer, Cham. https://doi.org/10.1007/978-3-030-04021-5_4.

8. C M Naveen Kumar, B Ramesh, J Chandrika, "Design and Implementation of efficient level set segmentation and classification for brain MR Images", Advances in Intelligent Systems and Computing, Volume 394, ISBN: 978-81-322-2654-3Springer, 2016.

International Conferences:

1. C. M. Naveen Kumar et. al, YOLO vs CNN Architectures for Hand Sign Recognition: A Comparative Study Using RGB and Thermal Images, 2nd International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics (AIKIIE), 7-8 August 2026, RYMEC, Bellari.
2. C. M. Naveen Kumar et. al, Deep Kernel Learning for Diabetic Retinopathy Detection Using Retinal Fundas Images., 8-9 May 2026, International Conference on Recent Engineering and Technology, Sai Vidya Institute of Technology, Bengaluru.
3. C. M. Naveen Kumar et. al, Singular Spectrum Analysis and Nonlinear Features based Hybrid Deep Learning Classification Models for Performance Analysis in the Detection of Supraventricular Tachycardia from ECG Signals, 2026 IEEE Nexo-Tech - International Conference on Advanced Technologies and Innovations (ICATI) 08-09 May 2026, Palakkad, India, doi: 10.1109/ICATI69399.2026.11604369.
4. C. M. Naveen Kumar et. al, Transfer Learning with MobileNetV2 for Efficient Hand Sign Detection, International Conference on Artificial Intelligence in Engineering Systems (ICAIES 2025), RIT, Hassan, Karnataka, INDIA., 26-27 December, 2025.
5. C. M. Naveen Kumar et. al, Thermal Image Based Emotion Classification Using CNN for Adolescents, First International Conference on Intelligent Machine Processes and AI-Centric Technologies (IMPACT 25) Department of CSE BIT MESRA, Patna campus, December 5-6, 2025.
6. C. M. Naveen Kumar et. al, AI-Agent-Based Approaches for Early Detection and Management of Tomato Plant Diseases: A Comprehensive Review, First International Conference on Intelligent Machine Processes and AI-Centric Technologies (IMPACT 25) Department of CSE BIT MESRA, Patna campus, December 5-6, 2025.
7. C. M. Naveen Kumar et. al, "Revolutionizing UAVs: Tiny Machine Learning for Real-Time Decision Making" , International Conference on Machine Learning and Data Engineering 4.O 2025, 6th – 8th November 2025, UPES, Dehradun.
8. C M Naveen Kumar, B Ramesh et. al, "Artificial Intelligence-Assisted Stress Detection Using Physiological Signals and Wearable Technologies", 2025 2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS), 22-23 Aug. 2025, NCE, Hassan(Scopus Indexed Proceedings).

9. C M Naveen Kumar, et. al, . "Automated Fruit Sorting System using Computer Vision for Retail & Industry." 2025 3rd International Conference on Data Science and Information System (ICDSIS). IEEE, 2025.
10. C M Naveen Kumar,, et al. "Smart Drone-Based Surveillance System for Real-Time Dog Detection and Alerts." 2025 3rd International Conference on Data Science and Information System (ICDSIS). IEEE, 2025.
11. C. M. Naveen Kumar et. al, "A Novel Approach to Human Fatigue Detection Based on Deep Learning", CODE AI – 2025, April 7-8, 2025, in MAHE Campus, Dubai.
12. C. M. Naveen Kumar et. al, "A Framework for Deepfake Detection using Convolutional Neural Network and Deep Features", 3rd International Conference on Machine Learning and Data Engineering (ICMLDE2024), UPES, Dehradun, India | 28th-29th November 2024.
13. C. M. Naveen Kumar et. al, "Human Emotion Classification Using Facial Thermal Features in the Presence of Mask", International Conference on Data Science & Exploration in Artificial Intelligence, MIT, Bengaluru, India | 3rd& 4th July, 2024.
14. C. M. Naveen Kumar et. al, "Cardiovascular Disease Classification using Machine Learning Techniques", International Conference on Data Science & Exploration in Artificial Intelligence, MIT, Bengaluru, India | 3rd& 4th July, 2024.
15. C. M. Naveen Kumar et. al, "Deep Learning Based Recognition of Sign Language", International Conference on Data Science and Information System (ICDSIS - 2024), 17-18 May, 2024, MCE, Hassan.
16. C M Naveen Kumar, G Shivakumar, "VGG 16 Based Human Emotion Classification Using Thermal Images Through Transfer Learning", IEEE MysuruCon 2021, Navkis College of Engineering, Hassan,24-25 October 2021.
17. C M Naveen Kumar, G Shivakumar, "Sensor and Feature Level Fusion of Thermal Image and ECG Signals in Recognizing Human Emotions", 3rd International Conference on Data Engineering and Communication Systems (ICDECS 2019), December, 2019, organized by RNSIT, Bengaluru.
18. C M Naveen Kumar, G Shivakumar, "A Thermal Imaging Based Classification of Affective States using Multiclass SVM", 18th International Conference on Intelligent Systems Design and Applications (ISDA 2018), 6th December, 2018, VIT, Vellore, TN, India.
19. C M Naveen Kumar, G Shivakumar, "A Real Time Human Emotion Recognition System Using Respiration Parameters and ECG." 10th International Conference on Intelligent Human Computer Interaction (IHCI 2018), 7th-9th December, 2018, IIIT, Allahabad, UP, India.
20. C M Naveen Kumar, G Shivakumar, "A Real Time Human Emotion Recognition System using Respiration Inhale-Exhale Temperature Patterns and ECG", International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI 2018), 7th-8th August, 2018, Coimbatore,TN,India.
21. C M Naveen Kumar, B Ramesh, J Chandrika, "Design and Implementation of

efficient level set segmentation and classification for brain MR Images", 1st International Conference on power, Circuit and Information Technologies, , April 28th 2015, RRCE, Bengaluru.

National Conferences:

1. G. Shivakumar, H.S. Mohana, H.S. Murali and C.M. Naveenkumar,"LabVIEW Based Specific Gravity Measurement",*National Conference on Power Systems and Industrial Automation (NCPSIA-2015),* pp 84-88, GSSSIETW, Mysore 22nd August 2015.
2. H S Mohana, G Shivakumar, Rajithkumar, C M Naveen Kumar "Era Identification and Recognition of Stone In-scripted Kannada Characters Using Artificial Neural Networks", 2nd National Conference on Innovation in Computing and Communication Technology (NCICCT '14),Kongunadu Engineering College, Thottiam, TN, India.
3. C.M.Naveen Kumar, B.Ramesh "A Survey on Color Image Enhancement Techniques", National Level Technical Symposium , KSRCT, Tiruchengode, Tamilnadu, India., Feb 13, 2014.

9. Awards:

1. "BEST PAPER AWARD" for paper titled "Sensor and Feature Level Fusion of Thermal Image and ECG Signals in Recognizing Human Emotions", International Conference on Data Engineering and Communication Systems – ICDECS-2019, organized by RNSIT Bengaluru, December, 2019.
2. "BEST PROJECT GUIDE" 2016-17 (Instituted by MCE, Hassan).

10. Achievements:

1. Obtained the title IGIP International Engineering Educator - ("Ing.Paed.IGIP") from International Society for Engineering Pedagogy (IGIP) on 10th January 2021.
2. Successfully completed IUCEE International Engineering Educator Program Spring 2020.
3. Coordinator for7 workshops/FDP/SDP sponsored by TEQIP-II & TEQIP-III programmes.

11. Responsibilities Held:

1. Head of the Department of E&I Engg, MCE, Hassan Since May 2023.
2. NBA Institute Level Criteria 9 & 10 Coordinator
3. UGC-ARC Report Preparation 2021
4. AICTE Approval Process & VTU LIC Documentation 2024
5. Institute Level Valuation Coordinator (From Feb 2023, 2011-12)
6. Member, Research Advisory Committee, MCE, Hassan

	7. Member, BOE & BOS of MCE-EIE. 8. Institute level Coordinator for MCE Cultural Association. 9. Department Level Research Coordinator, NIRF, Placement Coordinator and Website Coordinator. 10. Department Library In charge. 11. Involved in documentation for ARC of UGC, NAAC, NBA and VTU-LIC.	

12. Interaction with Outside World:

1. Co-Guide , NITTE University – Candidates: Vanitha A. & Krishnaswaroop A.
2. Research Advisory Committee Member for MIT, Bengaluru Campus of MAHE, Manipal.
3. **Session Chair**, 3rd International Conference on Data Science & Exploration in Artificial Intelligence (CODE AI) National Tsing Hua University, Taiwan | 18th – 19th July 2026.
4. **Session Chair**, International Conference on Data Science & Exploration in Artificial Intelligence, MIT, Bengaluru, India | 7th & 8th April, 2025.
5. **Session Chair**, International Conference on Data Science & Exploration in Artificial Intelligence, MIT, Bengaluru, India | 3rd& 4th July, 2024.
6. **Session Chair** IEEE International Conference on Ambient Intelligence Knowledge Intelligence and Industrial Electronics (AIKIIE) 2023 organized by Rao Bahaddur Y Mahabaleshwarappa College of Engineering , Ballari 2nd – 3 November 2023.
7. **Session Chair** IEEE International Conference on Data Science & Network Security (ICDSNS) 2023 organized by Kalpatharu Institute of Technology, Tiptur 28th – 29th July 2023.
8. **International Journal Reviewer**, Advances in Continuous and Discrete Models: Theory and Applications, 2024.
9. Reviewer in the Asian Journal of Computer Science and Technology for the period 2023-2025.
10. Reviewer for 2023 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (2023 IEEE DISCOVER) organized by IEEE Mangalore Subsection at Sahyadri College of Engineering & Management, Adyar, Mangaluru, Karnataka during October 13 - 14, 2023.
11. Reviewer for AICTE Sponsored IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON) in association with IEEE Bangalore Section organized by Nitte Meenakshi Institute of Technology, Bengaluru 1-2 September 2023.

13. Workshops/FDPs Organised/Coordinated:

1. One week TEQIP II sponsored FDP/workshop on “Digital Signal and Image Processing for Biomedical Applications”, 20th-24th March 2017 ,MCE,Hassan.

2. Two days TEQIP II sponsored workshop on “Embedded System Design using Arm Processor”, 10th & 11th of march 2017,MCE,Hassan.
3. Two days TEQIP II sponsored workshop on “Real Time Integration and Implementation of Sensors”, 20th and 21st Feb 2017, MCE,Hassan.
4. TEQIP-II and SPFU sponsored one week faculty development programme on “Pedagogical Training Programme” organized by MCE, Hassan, held during 11th to 15th July, 2016.
5. TEQIP-II sponsored one week FDP on “Feel Teacher”, held from 06th June to 11th June 2016, organized at Malnad College of Engineering, Hassan.
6. Two days FDP on “Embedded System Design using ARM and Intel cores”, 27th to 28th of February 2016, MCE, Hassan.
7. Two days Hands-on workshop on “Embedded System Design using Nuvoton 52 Microcontroller”, 27th feb to 1st March 2015, MCE,Hassan.

14. Workshops/FDPs Attended:

1. DST Sponsored two-week faculty development programme on "Opportunities and Challenges in Entrepreneurship," sponsored by NSTEDB, DST, and GoI from January 3rd, 2024, to January 19th, 2024.
2. One week FDP on Cyber Security & Ethical Hacking organized by KalpatharuInstiute of Technology, Tiptur from 12thFebuary to 17thFebuary 2024.
3. One Week AICTE–VTU Joint Teachers Training Programme on “Fundamentals of Data Science & Analytics” from 05th to 09th June 2023.
4. One Week AICTE–VTU Joint Teachers Training Programme on “Introduction to Python Programming & its Applications” from 19th to 23rd June 2023.
5. AICTE sponsored two weeks “ Hands on Project-Based Approach for Biomedical Signal Analysis using MATLAB organized by Department of Electronics and Communication Engineering at Kakatiya Institute of Technology & Science, Warangal, Telangana during 01 .02.2021 -13.02.2021.
6. AICTE Training And Learning (ATAL) Academy Online FDP on "Computer Science & Biology" from 19/01/2021 to 23/01/2021 at Malnad College of Engineering, Hassan.
7. One week AICTE Sponsored STTP on “Application of Artificial intelligence Technique in Overcoming the Challenges of Healthcare Industry” from 04.01.2021 to 09.01.2021 in Department of Electronics and Communication Engineering, Knowledge Institute of Technology, Salem, Tamilnadu.
8. AICTE Sponsored Short Term Training Program (STTP) under AQIS Programme on “Data Science for 5G Cellular Networks” from 3rd – 8th August 2020, Organised by Department of Electronics & Communication Engineering, Sri Venkateshwara College of Engineering, Bengaluru.
9. Five Days FDP on “Signal Processing Opportunities and Trends 2020”, 04.08.2020 to 08.08.2020, SDMCET, Dharwad.

10. AICTE sponsored two weeks FDP on “Green, Smart, 5G Technologies”, 9th – 21st December 2019, Organized by Department of E&C Engg, MCE, Hassan.
11. One day TEQIP III sponsored FDP on “Mentoring Process” organized by MCE, Hassan in association with CLHRD, Mangalore, 2nd November 2019, MCE, Hassan.
12. One day AWSAR workshop on “Popular Science Writing” jointly organized by DST, VP & KSCST, 12th September 2019, IISc Bengaluru.
13. AICTE sponsored two weeks FDP on "Gaining Insight into Data Science and DATA Analytics", 15th -27th July 2019, Organized by Department of CS&Engg, MCE, Hassan.
14. Two days TEQIP III sponsored FDP on “Being a Great Teacher”, organized by Dept. of Mechanical Engineering, MCE, Hassan, 3rd & 4th November 2018.
15. Successfully completed NPTEL course on “Introduction to Basic Spoken Sanskrit” with 82% offered by IIT, Kharagpur during October 2018.
16. One week TEQIP III sponsored FDP on “Recent Developments in Solar & Wind Energy System for on/off Grid Applications”, organized by Dept. of EEE, MCE, Hassan, 9th - 13th July 2018.
17. One week TEQIP III sponsored FDP on “Computation and Real Time Analysis of Systems using MATLAB & Xilinx”, organized by Dept. of EEE, MCE, Hassan, 16th – 20th July 2018.
18. One week TEQIP III sponsored FDP on “Machine Learning”, organized by Dept. of ECE, MCE, Hassan, 28th June – 2nd July 2018.
19. Six days training programme on “Internet of Things” , organized by 1991 Alumni of Dept. of ECE, MCE, Hassan during weekends of April and May 2018.
20. Two days TEQIP III sponsored Hands-on workshop on “Introduction to Python Programming” 7th – 8th April 2018, Organized by Department of E&I Engg, MCE, Hassan.
21. One week FDP on “Embedded System Design using ARM Cortex-M3”, 8th -14th January, 2016, BNMIT, Bengaluru.
22. AICTE Sponsored Two weeks FDP on “Formulation, Modeling & Practical Applications of Operation Research” 25th May- 6th June 2015, MCE, Hassan.
23. One day workshop on “Technical Document Typesetting with LATEX”, 19th March, MCE, Hassan.
24. Embedded System Design using Nuvoton-52 MC, March 2015, MCE, Hassan. One week workshop on “Storage Area Networks”, 22nd -26th December 2014, MCE, Hassan.
25. Three days’ workshop on Pedagogical Training Program for faculty members, 15th – 17th Dec, 2014, MCE, Hassan.
26. Personality Development Programme 30th July – 18th August 2014, MCE, Hassan.
27. One week workshop on Recent trends in Optical Engineering, 14th-18th August 2014.
28. One week workshop on “Analytical and Numerical Techniques in Applied Mathematics and Engineering”, 28th July-2nd August 2014.

29. One day National Workshop on Patents & Innovations August 31st 2013.
30. Short Term Course on "Pattern Analysis and Information Security", 30th June- 4th July 2014, NIT, Goa.
31. Two days' workshop on "Empowering Teachers", 24th & 25th Oct, 2013, MCE, Hassan.
32. One week workshop on "Real Time Embedded System Design", 5th -9th Aug, 2013, RVCE, Bangalore.
33. One week workshop on "Graphical System Design in Engineering", 15th – 19th July 2013, Dr.AIT, Bangalore.
34. Two days' workshop on "Role and significance of Research in Engineering Education" 21st & 22nd Aug 2013, UVCE, Bangalore.
35. Two days' workshop on "Teaching Effectiveness", 29th & 30th March, 2013, Southern Star, Hassan.
36. Three days' workshop on Driving Programme Educational Objectives/Program Outcomes/Course Outcomes/Assessments for NBA Self-Assessment Report, organized by MCE, Hassan from 11th to 13th July 2013.
37. One day workshop on "Global Economic Recession: Placement opportunities & Challenges", 9th March, 2009, MCE, Hassan.
38. Two days' workshop on "Low Power Embedded System using Texas Instruments MSP430 Microcontroller, 8th & 9th August 2011. 2013, Dr.AIT, Bangalore.

15. Subjects taught:

Digital Signal Processing, Process Instrumentation, Artificial Neural Networks, Artificial Intelligence, Computer Networks, MEMS, Instrumentation Laboratory, Data Acquisition and Virtual Instrumentation Laboratory, Logic Design Lab, Process Control Automation Lab.

I hereby affirm that the information furnished above is true to the best of my knowledge.

(C.M.NAVEEN KUMAR)