

Dr. B. Chandra Mohan

Professor, Dean Academics

Electronics and Communication Engineering

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Biography

Dr.Chandra Mohan has been working in the department of ECE for the past 26 years. He is passionate all ways in learning new things and keen to know the state of the art technologies. Subsequently, likes to transfer the knowledge to the students. His research interests are mainly in deep learning applied to medical images, artificial neural networks, image processing, fuzzy logic, wireless networks and communications. 6 students were awarded Ph.D under his guidance. Presented more than 30+ papers exclusively in IITs and IISc. **Has a google scholar citations of 550+, h- index of 11. 13 journals papers in SCI journals.** Participated in MODROB project of AICTE and also contributed in Lab Migration Project of FOSSEE team of IIT Bombay.

Awards & Honors

1. First Best paper award in INCAP 2019, Hyderabad
 2. Third Best paper award in INDICON 2017, IISc Bangalore.
 3. Best paper award in ICVCI 2011, Kottayam
 4. Best paper award in NCSSS 2006., Satyamangalam.
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Selected Publications

1. T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "Multimodal Medical Image Fusion based on Interval valued Intuitionistic Fuzzy sets" iNaCoMM 05-07, December, 2019, **IIT Mandi (Accepted)**
2. B.Chandra Mohan, T.Krishna Chaitanya, T.Tirupal, "A Comparison of CNN vs Image Moment Feature based classification applied to MPEG-7 dataset", CMA, 12-14, November, 2019, **IIT Indore**
3. B.Chandra Mohan, T.Krishna Chaitanya, T.Tirupal, "Fast and accurate Content Based Image Classification and Retrieval using Gaussian Hermite Moments applied to COIL 20 and COIL 100", ICCCNT 2019, July 06-08, 2019, **IIT Kanpur**.
4. T.Krishna Chaitanya, B.Chandra Mohan, S.Srinivas Kumar, "CNN vs Directed Acyclic Graph CNN for three class classification of MIAS dataset", INCAM 2019, July 03-05,2019, **IISc Bangalore**
5. T.Krishna Chaitanya, B.Chandra Mohan, S.Srinivas Kumar, "CNN vs Directed Acyclic Graph CNN for three class classification of MIAS dataset", INCAM 2019, July 03-05,2019, **IISc Bangalore**
6. T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "Type-2 Fuzzy set based Multimodal Medical Image Fusion", INCAM 2019, July 03-05,2019, **IISc Bangalore**
7. P.Surendra Kumar, B.Chandra Mohan, "A triple frequency vertex fed antenna for worldwide wireless and microwave access interoperability", **IEEE Antenna and Propagation Magazine**, June, 2018.