


Name of the Faculty	Mr.B.Shravan Kumar		
Designation	Assistant Professor		
Date of Joining	19-03-2022		
E - Mail	shravan.ece@jbiet.edu.in		
Educational Qualifications	Name of the Degree	Institute	Class
(Ph. D)	Pursuing (Ph.D)	JNTUH	-
PG	M. Tech (D.S.C.E)	JNTUH	First
UG	B.E (E.C.E)	M.V.S.R Engineering College	First
Work Experience			
Teaching	15 Years		
Research	-		
Industry	-		
Responsibilities held at the central level in college	Disciplinary committee member		
Responsibilities held at the departmental level in college	<ul style="list-style-type: none"> • Class In- charge Department from 04-06-2022 to till date. • Internship Co-ordinator from 19-01-2024 to till date. • Anti-Ragging Member from 14-12-2023 to till date. • NBA Criteria 2 Co-ordinator 		
Courses Handled at UG Level	<ul style="list-style-type: none"> • Internet of Things Engineering Course for B. Tech Third Year Students. • Embedded Real Time Operating System Engineering Course for B. Tech fourth Year Students. • Embedded System Engineering Course for B. Tech Third Year Students. • Microprocessor and Microcontroller Engineering Course for B. Tech Second Year Students. • Digital Signal Processing Engineering Laboratory Course for B. Tech Third Year Students. • Electronic Device Circuits Engineering Laboratory Course for B. Tech First Year Students 		
Courses Handled at PG Level	<ul style="list-style-type: none"> • Image Processing & Computer Vision Course for M. Tech VLSI Design First Year Students. 		
Area of Research	<ul style="list-style-type: none"> • Image and Video Compression using Deep Learning 		
Research Guidance for M. Tech/ Ph. D Students	<ul style="list-style-type: none"> • Guided one M. Tech Dissertations. 		

Books/ Book Chapters Published	---
Prominent Research Publications in Conferences	<ul style="list-style-type: none"> • B.Shravan & Dr.V.Usha Shree, V.(2016). “A Novel Method for Multiple Object Tracking and Recognition.” Proceeding of International Conference on Paradigms in Engineering and Technology On 2nd & 3rd March 2016 Methodist College Of Engineering & Technology Abids , Hyderabad Telangana • B.Shravan & Dr.V.Usha Shree, V.(2013). “An Efficient Image Coding Technique Based on Seam Identification and Set Partitioning in Hierarchical Trees” International Conference on “Smart System “ICSS-2013 on 7th-8th October 2013
Prominent Research Publications in Journals	<ul style="list-style-type: none"> • Dr. M. Chandra Sekhar, B.Shravan Kumar, V.(2024).” Efficient Video Compression Using Deep Joint Optimization Method With Motion Estimation And Inter-Frame Prediction” Journal of Theoretical and Applied Information Technology 15th May 2024. Vol.102. No 9 [SCOPUS] • B.Shravan Kumar ,V.(2022) “Video Compression Using Rate-Distortion Optimization-Based Channel Attention Network” in Neuroquantology September 2022 Volume 20 Issue-11 Page-2678-2683-[• B.Shravan & Dr.V.Usha Shree, V.(2019). “Mpeg Video Compression with Motion Vector Compression with DPCM” International Journal of Research in Electronics and Communication June 2019 vol.7 Page No.2073 - 2077 • B.Shravan & Dr.V.Usha Shree, V.(2019). “An End-To-End Video Compression Using Deep Neural Netowrk” Jac : A Journal Of Composition Theory(Jct) Volume XIII, Issue XI, November 2020 ISSN : 0731-6755 Page No.209-215 • B.Shravan & Dr.V.Usha Shree, V.(2019) “Segmentation And Classification of Moving” International Journal of Creative Research Thoughts Volume 6 April 2018 Page No. 655-665
Web of Science/Scopus ID	
Google Scholar ID	https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=v7RiuDIAAAAJ&sortBy=pubdate
H-Index (As per SCOPUS Database)	
PROFESSIONAL MEMBERSHIPS	<ul style="list-style-type: none"> • Institute of Electrical and Electronics Engineers [IEEE] [Membership Number - 98933638]
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops (Attended)	<ul style="list-style-type: none"> • Attended a 2 day workshop on Mathematical Methods for Image Processing and Engineering Application on 5-6th March 2013 at CBIT , Gandipet, Hyderabad • Attended one week workshop on Signal and Image Processing Using OCTAVE at JNTUH Conducted by

	<p>UGC Academia Programme in Feb 2011</p> <ul style="list-style-type: none"> • Attended Two-week workshop on Analog electronics June 4th - 14th, 2013 National Mission on Education through ICT (MHRD, Govt. of India)
<p>Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops (Organized)</p>	<ul style="list-style-type: none"> • Organized a 2 day international conference on SMART SYSTEMS, ICSS-2013 as a Coordinator held at JBIET • Organized a 2 day international conference on smart systems- ICSS-2013 AS a Coordinator held at JBIET • Organized a 2 day national conference on Computer Vision and Image Processing, CVIP-2012 as a Coordinator held at JBIET • Organized a 3 days workshop in MATLAB and Applications Organized by HELIX INFO SOLUTIONS HYD, at JBIET