

Research and Development 2017-18

Academic Research

- Academic research includes research paper publications, Ph.D. guidance, and faculty receiving Ph.D. during the assessment period.
- Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc.(6)
- Ph.D. guided /Ph.D. awarded during the assessment period while working in the institute(4)
- All relevant details shall be mentioned.

CONFERENCES

S.NO	Name of the faculty	Title of the Paper	Month & Year	Name of the Journal
Academic 2017-18				
1	Mrs.P.Sunitha	Performance Analysis of Spectral Subtraction method for speech Enhancement	6 th & 7 th July, 2017.	NCCEESES
2	Mrs.P.Sunitha	“Wavelet Based text – Independent speaker Identification using finite doubly truncated Gaussian mixture model	17 th &18 th November 2017.	IOTWSN
3	Mr.D.Natraj	Design and analysis of dual Rhombus Ring microstrip patch Antenna for GPS applications	August 2017	NCACT
4	Mr.D.Natraj	A novel miniaturization microstrip antenna with E &F shape defect ground structure	DEC 2017	ICPCSI

Journal publications

S.No	Name of the Faculty	Name of the Title	Name of the Journal	Volume & Issue	Year
1	Dr.V.Sailaja,	“Performance Analysis of Spectral Subtraction method for speech Enhancement	International Journal for modern trends in Science and Technology	ISSN-2455-3778, Vol.03,Issue.04,	17-Jul
2	Dr V. Sailaja	“Wavelet Based text – Independent speaker Identification using finite doubly truncated Gaussian mixture model”	International Journal of Electronics, Electrical and computational systems	(IJEECS),ISSN: 2348-117X, Volume 6, Issue-11,	November 2017.
3	Dr K. Siva Kumar Swamy	Design and experimental Microstrip(MIMO) Antenna for WLAN Applications”	Electronics, and Control Engineering	.(IJREEICE), vol5,issue 7,	July 2017.
4	Dr K. Siva Kumar Swamy	on “Bandwidth Enhanced MIM Antenna using Octagon Meta Material Structure for WLAN applications”	International journal of advanced technology in engineering and science(IJATES).	.ISSN:2348-7550.	,August 2017
5	Dr K. Siva Kumar Swamy	Rectangular MIMO Antenna system with Defected Ground Structure to Enhance Bandwidth for WLAN Applications	International Journal for Research in Applied Science & Engineering Technology (IJRASE	ISSN:2321-9653:	,July 2017
6	Mrs.P.Sunitha	“Speech Emotion Verification Using Emotion variance and Discriminate Scale Frequency maps”	International Journal Science Engineering and Advanced technology,	ISSN-2321-6905, Vol.05, Issue.02,	17-Feb
7	Mrs. P Sunitha	“Wavelet Based text – Independent speaker Identification using finite doubly truncated Gaussian mixture model”	International Journal of Electronics, Electrical and computational systems	(IJEECS),ISSN: 2348-117X, Volume 6, Issue-11,	November 2017.
8	Mrs. B Vasanthalakshmi	“Wavelet Based text – Independent speaker Identification using finite doubly truncated Gaussian mixture model”	International Journal of Electronics, Electrical and computational systems	(IJEECS),ISSN: 2348-117X, Volume 6, Issue-11,	November 2017.

9	Mr. B. Sudhir	“Removal of fixed value impulse noise using edge preserving Algorithm”	International journal of Multi disciplinary advanced Research Trends.		17-Nov
10	Mrs.P.Sunitha	“Performance Analysis of Spectral Subtraction method for speech Enhancement	International Journal for modern trends in Science and Technology	ISSN-2455-3778, Vol.03,Issue.04,	17-Jul
11	Ms.U.SandyaA lekhy	A high speed robust easily cascadedpenta my based combinational and sequential circuits	IJR	Volume 4, Issue-13,ISSN-2348-6848	OCT 2017