

Project Group No.	Roll-No	Student Name	TA	Topic	Links
1	15104069	Vivek Kumar	Surender Redhu	1. Cramer–Rao Bounds for Hybrid TOA/DOA-Based Location Estimation in Sensor Networks 2. Optimal Network Topology for a Locating System Using RSSI-based Direction Finding	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=4838824 http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7346936
	15104036	Nitesh Agrawal			
2	16104063	Palash Saxena	Vishnuvardhan	1. SUPERVISED SOURCE LOCALIZATION USING DIFFUSION KERNELS 2. MANIFOLD-BASED BAYESIAN INFERENCE FOR SEMI-SUPERVISED SOURCE LOCALIZATION	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6082267 http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7472896
	16104275	Nitin Sahu			
	16104272	Hrusiksha pradhan			
	16104100	Vikram Singh			
3	13333	Jyotsana Kumari	Vishnuvardhan	1. UNSUPERVISED SPATIAL DICTIONARY LEARNING FOR SPARSE UNDERDETERMINED MULTICHANNEL SOURCE SEPARATION 2. A DISCRIMINATIVE LEARNING APPROACH TO PROBABILISTIC ACOUSTIC SOURCE LOCALIZATION	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6637614 http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6953346
	13335	kalpesh Saubhri			
	15104037	P Sudharshan Babu			
4	15104026	Manjit Kumar	Surender Redhu	1. Distributed Estimation and Detection With Bounded Transmissions Over Gaussian Multiple Access Channels	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6823697
	15104056	Surya Partap Soni			
	15104019	Jasleen Kalsi			
	12807581	Ritvik Srivastava			
	12156	Arnab Biswas			
5	12703	Nitish Kumar	Surender Redhu	1. A Diffusion-Based EM Algorithm for Distributed Estimation in Unreliable Sensor Networks 2. An Efficient EM Algorithm for Energy-Based Multisource Localization in Wireless Sensor Networks	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6509420 http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=5710192
	12456	Shubham Singh			
	15204261	A Phanikumar Reddy			
	15204404	Gokul Krishnan			
6	16104271	Hitesh Baradiya	Surender Redhu	1. Sensor-Centric Data Reduction for Estimation With WSNs via Censoring and Quantization	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6093758
	15104013	Boddupally Ganesh			
	15104059	Tarun Tripathi			
	15104024	Maneesh Pawar			
	16104270	Gyanajyoti Routray			
7	16104402	Ashish Kumar Gupta	Ajay Dagar	1. TOWARDS ONLINE SOURCE COUNTING IN SPEECH MIXTURES APPLYING A VARIATIONAL EM FOR COMPLEX WATSON MIXTURE MODELS 2. SOURCE COUNTING IN SPEECH MIXTURES BY NONPARAMETRIC BAYESIAN ESTIMATION OF AN INFINITE GAUSSIAN MIXTURE MODEL	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6954009 http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7178011
	13372	Lakshay Garg			
	13425	Narsupalli Naveen Kumar			
	13485	Prakhar Kulshreshtha			
8	12807637	Saurabh Kataria	Ajay Dagar	1. VARIATIONAL EM FOR CLUSTERING INTERAURAL PHASE CUES IN MESSL FOR BLIND SOURCE SEPARATION OF SPEECH 2. Determination, Separation, and Tracking of an Unknown Time Varying Number of Maneuvering Sources By Bayes Joint Decision-Estimation	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7178715 http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7266780
	13195	Basavala Bhanu Prasanth			
	13610	Samyak Jain			
9	14092	Amur Ghose	Vishnuvardhan	1. COHERENT SIGNALS DIRECTION-OF-ARRIVAL ESTIMATION USING A SPHERICAL MICROPHONE ARRAY: FREQUENCY SMOOTHING APPROACH 2. Direction of Arrival Estimation of Reflections from Room Impulse Responses Using a Spherical Microphone Array	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=5346492 http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7115080
	13590	Roshan Kumar			
	13173	Avani Samdariya			
10	13065	Akhil Garg	Ajay Dagar	1. Robust Source Localization and Enhancement With a Probabilistic Steered Response Power Model	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7365432
	16104089	Supriya Bose			
	16104055	M. Sai Krishna			
	16104401	Aditya Raikar			