

### Annexure XIII

#### Research Projects undertaken during the last five years 2014-15 to 2019-20

S. No	Department	Funding Agency	Research Scheme	Title of Project	Amount in Rs Lakh	Project Coordi-nator	Year of Sanction	Current Status
1	CSE	AICTE	MODROB	Modernization of Advanced Wireless Networks and mobile computing lab using QualNet Simulator	11,56,863/-	Dr.Padmalaya Nayak	2020	On going
2	CSE	JNTUH	TEQIP III	Design and Development of Routing Protocols for Cognitive Wireless Sensor Networks using Neural Networks	2,75,000/-	Dr.Padmalaya Nayak (PI)	2019	On going
3	CSE	JNTUH	TEQIP III	Development of an Effective Mechanism using Smart Belt/ID Card to prevent School Children Abduction	2,75,000/-	Dr.A.Sai Hanuman (PI)	2019	On going
4	CSE	JNTUH	TEQIP III	Innovative Protection of Valuable Trees(Red Sandal)from Smuggling	3,00,000/-	Dr. Ch. Mallikarjuna Rao (Co-PI)	2019	On going
5	CSE	UGC	UGC Minor project	Minimization of Energy Consumption in Mobile WSN using Fuzzy Clustering Algorithm	1,96,500/-	Dr. Padmalaya Nayak (PI)	2016	Completed

6	CSE	UGC	UGC Minor project	A computing parallel string matching approach with OMEGA model	2,60,000/-	Dr. K. Butchi Raju (PI)	2013	Completed
7	CSE	UGC	UGC Minor project	Development of a software tool to predict the mechanical properties of ASS304 at different temperatures	2,10,000/-	Mrs. Lakshmi Kanumuri (PI)	2013	Completed