

# Research Projects

## PROJECTS ONGOING AND COMPLETED IN THE IT DEPARTMENT

S.No.	Title of the R&D Project or Research Grant	Sanctioning Agency, and Date of Sanction	Names of the Principal and Co-Investigators	Sanctioned Amount Rs. In Lakhs	Status of the Project (completed / on-going)
<b>1) R&amp;D Projects Sanctioned</b>					
1	To Analyze the Fingertip the aiding the diagnosis of cardio-pathies using PPG	Agency : JNTUH-TEQIP-3 Sanctioned Date: 22-07-2019	Dr.N.Mangathayaru, Professor	2,94,000/-	<b>Completed</b>
2	Automatic Diagnostic model for detection of Malaria parasites from Microscopic images	Agency : JNTUH-TEQIP-3 Sanctioned Date: 22-07-2019	Dr.G.Madhu, Professor	2,98,000/-	<b>Completed</b>
3	Machine Learning Approach for plant disease identification using leaf images	Agency : JNTUH-TEQIP-3 Sanctioned Date: 22-07-2019	Dr.D.Srinivasa Rao, Associate Prof	2,95,000/-	<b>Completed</b>
4	Development of tool for Management of Diabetes Melitious	Agency: DRDO, New Delhi Sanctioned Date: March 2015 (2015-2018)	Dr.N.Mangathayaru, Professor & B.Mathurabai, Associate Prof	9,03,500/-	<b>Completed</b>
5	Design and development of Machine learning based Algorithm for Computer aided Diagnosis of Malaria	Agency: DRL Tezpur Assam, Sanctioned Date: March 2015 (2015-2018)	Dr.G.Madhu, Associate Professor	7,75,080/-	<b>Completed</b>
6	Implementation of digital identity based signature scheme WORO	UGC	Dr.D.Kalyani, Assistant Professor	3,25,000/-	<b>Completed</b>
7	Image Fusion using Fuzzy and Neuro Fuzzy Logic	AICTE, RPS	Dr.D.Srinivasa Rao, Associate Professor	3,50,000/-	<b>Completed</b>
<b>Total</b>				<b>Rs.32,40,580/-</b>	

<b>2.Research or AnyOtherGrants</b>					
<b>S.No.</b>	<b>TitleoftheR&amp;D Projector ResearchGrant</b>	<b>SanctioningAgency,and Date ofSanction</b>	<b>NamesofthePrincipal andColInvestigator s</b>	<b>SanctionedAmountRs.Inlakhs</b>	<b>Status ofthe Project(completed/on-going)</b>
1	Recent Trends in Network & Security	AICTE FDP	Dr.N.Mangathayaru, Professor	6 Lakhs	<b>Completed</b>
2	Recent Trends in Cloud Computing and Network and Security	AICTE FDP	Dr.N.Mangathayaru, Professor	6 Lakhs	<b>Completed</b>
3	Research Center for Machine Learning	AICTE MODROBS	Dr.G.Suresh Reddy,Professor	8,24,935/-	<b>on-going</b>
4	Machine Learning and Deep learning Techniques for solving AI Problems using Python	AICTE STTP	Dr.D.Srinivasa Rao,Associate	1,90,000/-	<b>Completed</b>
5	PRERANA- Programme for SC/ST students for higher education	PRERANA- Career Enhancement and Training, File.No. 1-7137958254 Sanctioned on March 2020 ( 2020- 2022)	B. Mathurabai, Associate Prof	7,93,333/-	<b>Completed</b>
6	Exploring Machine Learning and Deep Learning Algorithms for Natural Language Processing (NLP) Applications	ATAL FDP	Dr.D.Srinivasa Rao, Associate Prof	93,000/-	<b>Completed</b>
<b>Total</b>				<b>Rs. 30,08,268</b>	