

# (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuramu.

#### **Department of Electronics and Communication Engineering**

#### **BEST PROJECT MODELS 2023-2024**

S. N	Roll	Name of the	Name of	Name of the title	Prototype Model	Outcomes
	Number	Student	the Guide			
	21BF5A0405	Nallu Sahithya				
	21BF5A0408	Vattivella				Enhances surveillance
	21D1 3710400	Chandu				and security using
	20RF1A0451	G Sai	Dr. D.			autonomous UAV
1	20DI 1A0431	20BF1A0451 Yashaswini Srinivasulu Military	Military Security Drone		Technology	
	20BF1A0403	Akula Mounika	Reddy			
		Reddy				
	20BF1A0452	G Sukrutha				
	20BF1A0441	Chirumavilla			Animal intrusion Alar. After py - Promorphite (See any of the Animal Intrusion Alar.) Animal intrusion Alar. Animal intrusion Animal int	Detects and alerts
	20BF1A0441	Sasikala				about wildlife presence
	20BF1A0435	Chillabandla Sai	Mr.		- Arthur	to prevent human-
	20DF1A0433	Deekshitha	Allabaksh	Wild Animal Alert	Canada   C	animal conflicts
2	20BF1A0433	Chennamsetty	Shaik	System	a the Fig. 1 and 1	
	20DI 1A0433	Jaya Lakshmi				
	20BF1A0425	C Joshita			SEASON STATES	
	20BF1A0405	Apthiri Goutham				



## (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuramu.

S. N	Roll Number	Name of the Student	Name of the	Name of the title	Prototype Model	Outcomes
			Guide			
	20BF1A0484	Kadirimangalam Gowthami				
	20BF1A04A7	Koneti Purushotham				Automates precision-
	20BF1A04A3	Kodithi Revathi	Dr. T.	Robotic Arm		based planting to
3	20BF1A04B2	Kotte Mounika	Chandra	Vehicle for		improve agricultural
	20BF1A04B2	Reddy	Sekhar Rao	Planting		efficiency.
	20BF1A0496	Kasireddy Gurudeep				
	21BF5A0412	Mopuri Swarna Latha				Conducts real-time
	20BF1A04B0	Kotapati Hema				flood monitoring and
	20BF1A0470	H Kaavya	Dr. G	Autonomous Drone		aids in disaster
4	20DE1 A 04 A 6	Kondreddy Vijay	Chandraiah	for Flood		management
	20BF1A04A6	Simha Reddy		Surveillance		
	20BF1A0475	Javaaji Dilip Babu				



## (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuramu.

S.	Roll Number	Name of the	Name of the	Name of the title	Prototype Model	outcomes
N		Student	Guide			
5	20BF1A04C0 20BF1A04A9 20BF1A0499 20BF1A04B8	Lingutla Nandini Korakutti Gayathri Katigari Jamal Reddy Lakkireddy Kathyayani Chandrika Reddy SHAIK IJAJ AHMED	Ms. D Srilatha	Autonomous Self Driving Car		Develops AI-based navigation for autonomous vehicles.
	20BF1A04A1	Kayam Kishore				Ensures secure and
	20BF1A04A5	Kommiri Bhanu Prasad	Dr. G	E-VOTE: A		transparent electronic voting with
6	20BF1A04A4	Kollapudi Sairamya	Naveen	Biometric IoT-		biometric
	20BF1A0466	Gorakala Pradeep Kumar	Kumar	Enabled Voting Solution		authentication.
	20BF1A0498	Katari Hari Prasad			ik gak	



## (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuramu.

S.	Roll Number	Name of the	Name of the	Name of the title	Prototype Model	outcomes
N		Student	Guide			
	21BF5A0410	JANA VINODHINI				
	21BF5A0416	Y CHANDANA				
	20BF1A04C3	Nagineni Nandini				Reduces road
7	20BF1A0482	K. Jagadesh	Mr. P.	Animal Detection		accidents by
	20BF1A0494	Karanam Lohith	Srinivasulu	Alert System in		detecting animals on
	20BF1A04D9	Midde Srihitha		Highway Roads		highways and
	20BF1A04I6	Pulla Sandhya				alerting drivers.
	21BF5A0417	Gandikota Mounika				
		P S R Chidhvilasa		'		
	20BF1A04F8	Reddy				



## (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuramu.

S.	Roll Number	Name of the	Name of the	Name of the title	Prototype Model	outcomes
N		Student	Guide			
	20BF1A04K7	Sakhamuri Divya			Service Control	
	20BF1A04J2	Marripadu Vennela	PR Sidda	Enhancing		Facilitates rapid
	20BF1A04M3	Srinivasulu Kavya	Reddy	Security and	4	medical aid delivery
8	20BF1A04K8	Sallagunta Anil		Oversight with		using drones.
		Yadav		Public Meeting		using drones.
	20BF1A04J6	Rayapu Reddy		Monitoring Drone		
	2001 1110 130	Yashoda			And the second	
	20BF1A04G7	Papi Reddy Bhavitha				
	20BF1A04D9	Midde Srihitha				
	20BF1A04I6	Pulla Sandhya		GPS Based UAV		Facilitates rapid
9	21BF5A0417	Gandikota Mounika		For Medical	#	medical aid delivery
	20BF1A04F8	P S R Chidhvilasa Reddy	Dr.K. Raveendra	Emergency Application		using drones.



## (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuramu.

S.	Roll	Name of the	Name of	Name of the title	Prototype Model	outcomes
N	Number	Student	the Guide			
	20BF1A04K6	Sagi Rishitha				
	20BF1A04K9	Sangaraju Rithika		Design and	COMBINATIONAL AND AVERAGE	Multiband Patch
	20BF1A04J5	Ravilla Roshitha		Analysis of Low-	Total State of the	Antenna for 5G and
10	20BF1A04N1	Thallapalli Varada		Cost Flexible		Satellite
	2051 1110 1111	Reddy		Substrate based		Communication
	20BF1A0401		Dr. S.	Multiband Patch	000	Applications
		V Mahesh Babu	Salma	Antenna for 5G	-41:	
				and Satellite		
				Communication		
				Applications		
	20BF1A04P5	Yambaka				
	20DF1A04F3	Munilakshmi				
	21BF5A0424	Chinthaparthi		Personal		Assists with daily
11	ZIDI JAUTZT	Dinesh Reddy	Ms.	Assistant Robot		tasks using AI and
	20BF1A0403	Valluthur Ganesh	S. Geetha Reddy			
	20BF1A04P1	Vummadi				automation.
	Zobi mon i	Nuthasree				
	20BF1A04J4	Rasapalli Akash				



## (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuramu.

S.	Roll	Name of the	Name of	Name of the title	Prototype Model	outcomes
N	Number	Student	the Guide			
	20BF1A04M7	Tallapu Reddy Venkata Sravanthi				To generate the power generation
	20BF1A04L8	Shaik Nasreen				using gravity
12	20BF1A0406	Vasantha Jayasree		Power generation	ENS	
	20BF1A0402	Valleti Rishi	T. Latha	using gravity		
	Kesava Redd	Kesava Reddy			The state of the s	
	20BF1A04N0	Thalari				
		Harikrishna				
	20BF1A04L5	Shaik Karishma		Design Of		Optimizes solar
	20BF1A04M0	Shaik Soniya				panel positioning
	Shaik Azam 20BF1A04L3	Shaik Azam		Effective		for maximum
13	ZODI INOTES	Hussain M. Tulasi Tracking and		energy efficiency		
	20BF1A04K1	S Chittaranjan	Ram	Automation Of Solar Energy		energy efficiency
	20BF1A04L4	Shaik Javeed				



# (Autonomous)

Karakambadi Road, Opposite LIC Training Centre, Tirupati – 517 507.

Accredited by NBA (B.Tech – CSE, ECE, EEE, Mech., Civil and IT) & NAAC with 'A' Grade Approved by AICTE, New Delhi permanently affiliated to JNTUA, Ananthapuramu.

S.	Roll	Name of the	Name of the	Name of the	Prototype Model	outcomes
N	Number	Student	Guide	title		
	20BF1A04P2	Vunnam Madhu Smitha Reddy				Enables automation for
14	20BF1A04P7	Yengala Naveen Kumar Reddy		Multipurpose Robotic Arm		various industrial and medical
	20BF1A04J7	Reddicherla Manideep	Mrs.M.Kalpana			applications.
	20BF1A04J1	20BF1A04J1 Kumar				
	20BF1A0400	Umapati Srivastav				
	20BF1A04K4	Sadhu Mounisha Reddy		Multipurpose Wheelchair with		Enhances mobility for
	20BF1A04J9	Roshitha Priya N		Voice Activation		differently-abled
15	20BF1A04L9	Shaik Rasool Saheb	M. Mahesh	and Manual Instructions		individuals with
	20BF1A04K0 20BF1A04P4	S Abdul Mateen Yakasiri Divija			THE RESERVE TO THE RE	voice and manual control.