



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**2.2.3.E. Quality of completed projects / working prototypes (5):**

The process of identifying the quality of completed projects can be assessed by the following factors:

1. Internal assessment based on 2 project reviews.
2. External assessment done by External of University.
3. Published in reputed journals/ presented in conferences.
4. Exhibition to the outside world.

The following are the some of the completed best projects based on the above factors during the period of last three years.

**Table 2.2.3.E-1(a): List of the best projects for the Academic Year 2023-24**

S.No	Project Title	Project Guide	Roll Number
1	Blockchain integrated IoT & ML for Smart Agri Mngt– Enhanced crop monitoring, disease mngt, sustainable crop selling & utilization with Insure schemes.	Dr.Ch. Ramesh	20KE1A0404
			20KE1A0456
			20KE1A0441
			20KE1A0436
2	Real time EEG-based Brain Activity Visualization and feedback system using LED bar control	Dr.D. Vijaya Saradhi	20KE1A0469
			20KE1A0498
			20KE1A0486
3	Insure Harvest 360 : Enhancing Agriculture with IoT, Blockchain & ML for comprehensive crop insurance & Real time field monitoring in sustainable farm management	D.V.Harsha Vardhan	20KE1A0454
			20KE1A0406
			20KE1A0409
			20KE1A0429
4	Enhanced Hand Gesture Recognition in Smart environments	Y .Bhaskar Rao	20KE1A0447
			20KE1A0413
			20KE1A0414
			20KE1A0440
5	Secure Poultry insight with integration of Blockchain & IoT	V.Ajay Shankar	20KE1A0435
			20KE1A0445
			20KE1A0461
			20KE1A0443



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**Table 2.2.3.E-1(b): List of the best projects for the Academic Year 2022-23**

S.No	Project Title	Project Guide	Roll Number
1	Automated Billing Smart trolley and Stock Monitoring	Ch.Pushpa	19KE1A0465
			19KE1A0475
			19KE1A04A3
			19KE1A0474
2	OTP based devices and control systems.	N.Naga Raja Kumari	19KE1A0496
			19KE1A0471
			19KE1A0480
			19KE1A0487
3	Smart security fire detection and surveillance using EPS32 cam.	Sk.Khader Zilani	19KE1A0491
			19KE1A04A8
			19KE1A0488
			20KE5A0401
4	Third eye for visually challenged.	Dr.D.Vijaya Saradhi	19KE1A0447
			19KE1A0426
			19KE1A0429
			19KE1A0455
5	Voting machine using biometric.	D.V.Harsha Vardhan	19KE1A0469
			19KE1A0478
			19KE1A0493
			19KE1A0476

**Table 2.2.3.E-1(c): List of the best projects for the Academic Year 2021-22**

S.No	Project Title	Project Guide	Roll Number
1	Home Security & Automation based on IoT	N.Naga Raju	18KE1A04A4
			18KE1A0478
			19KE5A0405
			17HP1A0462
2	Embedde IoT car parking and billing system	Y. Bhaskara rao	18KE1A04A0
			18KE1A0497
			18KE1A0491
			18KE1A0484
3	Automated wireless biometric finger print based attendance system	D.Vijaya Harsha Vardhan	18KE1A0489
			18KE1A0471
			18KE1A04A7
			18KE1A0479
4	Design of low power phased lock loop by using TSPC D-flipflop	G.Mounika	18KE1A0473
			18KE1A0487
			18KE1A0494
			18KE1A0477